SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

GOVT.V.Y.T.PG AUTONOMOUS COLLEGE DURG CHHATTISGARH

G.E. ROAD, OPPOSITE TO BIT COLLEGE, DURG
491001
www.govtsciencecollegedurg.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Government V.Y.T. PG. Autonomous College, Durg, Chhattisgarh is one of the leading co-ed College of Central India, catering to more than 7000 students of UG, PG & PhD programme of Science, Humanities and Commerce faculties from urban, rural and tribal areas of Central India, and has been conferred with the status of Autonomy in 1988 by UGC. It is the only NAAC accredited A+ College of State of Chhattisgarh in its third cycle. The College has credit to receive recognition of the University Grants Commission as College with Potential for Excellence (CPE) in the third cycle and has been awarded under FIST Scheme from the Department of Science and Technology Government of India. The College is the only recipient of the "STAR COLLEGE" programme from the Department of Biotechnology, Government of India in Chhattisgarh State. The Government of Chhattisgarh has recognized this College as the "Centre of Excellence in Science".

The College has been selected under 20 prominent institutions across the country for providing suggestions on the National Higher Education Qualification Framework of India, besides, this the Paramarsh Scheme of UGC for mentoring of other Institutions of the region. The Department of Higher Education of Government of Chhattisgarh has also identified this College as a Lead College of Durg District to mentor and monitor academic and administrative functioning of another colleges of the region.

The College has a total of 21 UG, 18 PG and16 recognized research centres for a PhD programme, supported by a total of 110 faculties of which 85 are PhD holders and 08 are M.Phil degree holders; 57 recognized research supervisors and 298 registered research scholars. In the last five years, College has credit to publish 347 research papers, achieved 3631 citations and 4761 H-index. Besides, the college has received a total of 10 patents and 2 copyrights in the last five years and a total of 94 scholars have been awarded PhD degree. The faculties of this College have three International Collaborative Research Projects with USA, Bulgaria and South Korea, and31National Research projects funded by Indian agencies.

Vision

To empower the youth with global competence through quality education and skill development, while simultaneously inculcating humanistic values and scientific temper thereby enabling them to cope with the changing complex world.

Mission

To translate the Vision into reality, the Missions of the College are –

- Provide an integrated and multi-disciplinary education that can help students discover their true potential.
- Expose students to an array of academic and extra-academic activities for their all-around growth.
- Inculcate humanistic and social values in the students to motivate them towards community services.

- Kindle the entrepreneurial spirit in students.
- Inspire young minds to develop the habit of critical thinking to achieve Creative Excellence.
- Promote quality research among the teachers and the students for the progress of society at large.
- Sensitize the students on issues relating to ecology, environment, human rights and gender equality.
- Foster global competencies.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- College with a potential for Excellence (Phase-III) granted by UGC.
- Autonomous status was granted by the UGC in 1988 and extention granted till 2030.
- Recipient of DST- FIST -Scheme.
- Recipient of DBT- Star college Programme, Govt. of India, New Delhi.
- Recipient of Centre of Excellence in Science by Govt. of Chhattisgarh.
- Selected among top 20 colleges for National Higher Education Qualification framework for India by UGC.
- Selected under Paramarsh Scheme of UGC.
- Recipient of Global Award of 2021 for Excellence in Educational Services for Best Research Impact.
- ISO certified College for Quality Assurance in Higher Education and Environment Management System.
- Servicing 21 UG, 18 PG and 18 recognized Research Centres for PhD programme.
- 71 programmes,720 courses, 57 value added courses, 17 certified courses and 8 PG diploma courses are in operation.
- Enrolment capacity of 7000 students.
- Strength of 110 faculties and 1 Principal
- 85 Ph.D & 8 MPhil degree holder faculties.
- 57 faculties are recognized Research Supervisors.
- Innovative learner centric teaching learning and use of IT.
- 298 Research Scholars are registered and 94 have been awarded PhD in last five years. 347 Research papers have been published in last five years. with high impact factor 3631 Citation Index, 4761 H Index, in last five years.
- 10 Patents and 2 Copyrights.
- 3 International Research Projects with Bulgaria, USA and South Korea.
- 31 National Research Projects in last five years.
- Total 54 MoUs are functional.
- The college has credit to supervise various fellowships, *viz.* – PDF, WoS- (A & B), Maulana Azad, Rajiv Gandhi, Indira Gandhi Single Girl Child, NET- JRF & SRF of UGC, CSIR, DBT, ICHR etc.
- More than 60% of students are receiving Government scholarships.
- Running value-added, Skill-Oriented, Certificate, Diploma and PG Diploma courses.
- Central Instrumentation Laboratory for advanced research.
- Fully automated library with RFID facility as an excellent Learning Resource
- Entrepreneurship and Skill development facilities.
- Registered Alumni Association.
- Received National and State level YRC, NSS and Swachhata Awards.

Institutional Weakness

- CBCS has not been adopted due to delayed policy decision of the State Government.
- Inadequate student-teacher ratio due to State Government policy.
- Inadequate Hostel facility.
- Lack of the modern and advanced cafeteria.
- Inability to reach the students of the remote regions like Bastar & other rural areas because of lack of Internet facilities in their regions.

Institutional Opportunity

- Scope to increase more Skill development and entrepreneurship program.
- Establishment of more effective and technology based Incubation Centre
- Active Institute Industry Interface more collaboration with corporate sectors
- More effective placement cell.
- To increase International Collaboration for Research.
- Promotions of more patents and copy rights
- Mentoring the non-accredited colleges to go for assessment and accreditation and to acquire quality benchmark
- Setting up of Collaborative Online International Learning Spaces for various subjects (COIL)

Institutional Challenge

- To generate adequate grants for research activities and infrastructure improvement.
- Linkage with foreign Universities for students Career advancement.
- To improve communication and personality development among students.
- Effective management of Systems during a pandemic situation.
- Environmental and Genetic monitoring of our society involving students and faculties in a preview of the scenario of Chhattisgarh.
- Lack of internet facilities in the remote areas of Chhattisgarh

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The institution designs curricula according to the needs through Board of Studies and Statutory bodies. The curricula are framed as per CGHE, UGC and Affiliating University guidelines; Institutional Vision/Mission and stakeholders' feedbacks. Institution delivers curricula that meet the challenges of local/regional/national/global competencies incorporating the attributes - *knowledge, skills, values and attitude*.

- The outcome-based education(OBE) curricula is being followed since 2019 with specified Program

Outcomes, Program Specific Outcomes and Course Outcomes. The COs-POs are mapped to compute attainment.

- All PG and a few UG programs offer elective courses. To ensure choice-based learning, ample subject combinations are being offered under UG program
    - In B.Sc. (Bio-Group), along with Chemistry, Botany/ Zoology students can opt for Biochemistry/ Industrial Chemistry/ Geology/ Microbiology/ Biotechnology/ Anthropology.
    - In B.Sc. (Maths-Group), along with Mathematics, Physics/Chemistry students can opt for Computer Science/Electronics/Industrial Chemistry/Geology.
    - In BA program, students can choose any three subjects from Arts/Social Science/Literature stream.
    - In B.Com. program, students can opt for Computer Applications as additional.
    - In BCA program, students from any stream can pursue and for non-mathematical background Bridge Course for Mathematics is being offered.

- To equip graduates with professional skills, UG/PG/PGD programs in library science/social work/computer application/yoga are being offered
- To provide scientific ecosystem, 16 research centers run Ph.D. program.
- All programs underwent curricular revision, resulting in 100% revision in terms of programs with introduction of 171 new courses.
- Employability/Entrepreneurship/Skill development are integral components in all courses.
- Projects/field work/industrial visits/internships are integrated in curricula to incorporate experiential learning.
- Cross-cutting issues are addressed through various courses, activities of Societies, NCC/NSS/Red Cross, etc.
- 51 Value-added courses were offered to add-on life/technical skills.
- 04 programs (1 PG diploma, 1 PG, 2 Ph.D.) and 07 certificate courses were introduced.
- Structured curriculum feedback collected from various stakeholders were analyzed for continuous improvement.
- Introduction of B.Sc. (IT), 7 value-added, 10 certificate and 6 Diploma courses delayed due to Covid pandemic and has implemented from 2021-22.

The academia-based administrative contribution of faculties is another honor for our college, viz. 03 as Dean, 04 in Executive Council and Governing Bodies, more than 15 as BoS chairman/members of Universities and Autonomous colleges. One member has contributed in SSR drafting under NIEPA for NEP.

Teaching-learning and Evaluation

The college is a leading institution of higher learning in Mid-Western Chhattisgarh and delivers cost-effective and quality education. More than 7000 students are enrolled in the institution, most of them hailing from socio-economically disadvantaged communities.

Admission is provided to students as per the reservation policy of the state Govt. 30% of the seats available in all categories are reserved for women candidates. Merit is the main criterion through a transparent admission policy and guidelines of the HEI of state. Pre admission Counselling is done to help students to choose appropriate programme.

The demand ratio for UG seats is 1:4.6, 1:3.7 and 1:4.8 in Science, Arts and Commerce, whereas the same for

PG seats is 1:15, 1:3.6 and 1:4.3 in current year respectively.

The college has qualified and experienced faculty with 76.57% holding Ph.D. degrees. Rest of the faculties have either M. Phil. degree or qualified NET/SET.

Remedial/ Makeup classes, personal attention/ counselling and study materials provided for slow learners. Advanced learners are encouraged to get involved in administrative activities of departmental associations, special coaching and internships etc.

For proficient mentoring of students all the full-time teachers are engaged in the mentoring activity.

Non-conventional ways of teaching, including ICT-supplemented methods, are used extensively along with traditional methods of classroom teaching. Group discussions, debates, quizzes, field visits, seminars, poster making, poetry recitation, essay writing competitions and many more activities are conducted with an aim to promote student-centric learning.

Teachers are proficient in using ICT tools and educational technology. Power Point presentations are employed for teaching. Classes were also taken in blended mode during the pandemic.

Academic activities of each year are planned at the onset of the session and communicated to the stakeholders in the form of Institutional, Departmental and Individual Almanacs.

The college has adopted a comprehensive Examination System that is well supported with the integration of IT tools. The Examination pattern consists of Annual/Semester Examination and Continuous Internal Assessment. The internal assessment incorporates internal tests, seminars, assignments, project works etc.

Result Analysis is performed every year. There is considerable improvement in success rate over the years. The current year pass percentage stands at more than 95%.

Research, Innovations and Extension

The Government V.Y.T. PG. Autonomous College, Durg is a premier institution in central India and is dedicated to Teaching, Research and Extension services for Research activities. The college has a "Research Policy" with defined aims and objectives, a priority area of research and Innovation ecosystem with a research council as a regulatory body. The college has also a Code of Ethics for Research which follows regulations of the Institutional Ethics committee, Research guidelines mentioned in Ordinance- 45 of Hemchand Yadav Vishwavidyalaya and Standard operating procedure of the college.

The college has a total of 16 recognized research centres for the PhD programme with 57 recognized research supervisors by the University. Presently 298 registered research scholars are perusing their PhD programme and 94 have been awarded their PhD degrees in the last five years. In the last five years, the college has credit to publish 347 research papers, 87 book chapters/books, achieved 3631 citations, 4761 h-index, 10 patents and 2 copyrights. The faculties of the college have 3 International Research projects with USA, Bulgaria and South Korea and 28 projects funded by Indian agencies.

We have various research laboratories (Central Instrumentation lab, Luminescence lab, Material Science lab, Tissue culture lab, Genomics lab, Microbial Culture lab etc.), advanced equipment, *viz.*- HPLC, GC,

Atomic absorption Spectrophotometer, FTIR, Fluorescence Spectrophotometer, RT-PCR, Gel Documentation System, Lyophilizer, Fermenter, Fluorescent Microscopy, Inverted Microscopy etc., besides, all supporting subsidiary Instrument.

The college has strong collaborative networking for research with Bangladesh, Japan, UK, Germany, South Korea, Saudi Arabia, Pakistan etc. and most of the collaborations have yielded Publications. We have also signed 57 MoUs for collaborative research work. The major discipline of research activities of the college are

- Nanoscience technology,
- Material Science,
- Genetic diseases of the society,
- Scientific validation of traditional knowledge,
- Environmental studies
- Biodiversity,

The college has its Innovation Ecosystem supported by Idea conceptualizing cell, Entrepreneurship cell and Incubation cell and is also dedicated to consultancy and Extension services to the society, particularly for health, cleanliness, nutrition, and societal ill concept to improve the quality of life.

Infrastructure and Learning Resources

The College has 21.75 acres with green certified campus with a built-up area of 56079 sq.m. and has well-planned facilities for academic and extra-curricular activities. The institute is well equipped with infrastructure maintenance safety, security and policies which govern development activities. There are a total of 73 ICT enabled classrooms, including 08 Smart class rooms, 23 class rooms with LCD projectors, 08 Seminar halls and a sophisticated Central Instrumentation Lab, Language lab, 22 UG and PG Labs, 15 research labs and 280 Computers and Media Centre The campus is Wi-Fi with 100 mbps broadband connectivity and 23 controlled Wi-Fi access points provided to all the buildings in the campus.

The Central library is fully automated with ILMS, RFID Gate, well equipped with 25 computers, more than one lac collection of books, reference books, rare manuscripts, theses, monograph, journals, audio-visuals and CDs of e-resources, e-books and e-Journals, it is well connected through LAN/ BSNL 100 mbps fiber optic line with all fully automated facilities linked with N-LIST consortium, Web OPAC for the users, and a spacious reading room with reprographic facilities.

The campus has adequate facilities like Gymnasium, Green Park, Yoga Training Centre, playgrounds for outdoor games, Indoor Badminton Hall and Table Tennis Hall, Counseling Centre, and Auditorium (old and new) for cultural activities. The facilities also include a Conference hall, Meeting hall, 02 Boys hostels and 01 Girls hostel, Girls Common room, separate washrooms for staff and students and Canteen and Utility Centre etc. The campus is disabled friendly with special washroom, ramps and wheel chair. One block is powered by 10 kw solar panel. All safety protocol is followed. Fire extinguishers are placed in each block of the campus. The disaster management sessions are conducted by the IQAC.

In the Biological Resource complex the Mushroom Culture Unit, Green House, Botanical Garden, Fish Farming Training Unit, Vermicomposting Unit and Animal House Unit serve entrepreneurial skills, besides these, the Institute has two additional components- Consortium of Medicinal plants and an Oxidation Tank.

There is an ATM facility of SBI. To enrich the spiritual experience of the students and staff, Yoga sessions are organized every Sunday by *Heartfulness Yoga and Meditation*.

Student Support and Progression

The college is a student- centric institution which provides necessary assistance to students to enable them to acquire meaningful experiences for learning at the campus.

There is well defined mechanism for student support and progression. There are more than 50 cells/ committees comprizing staff cordinators and student representatives monitored by the principal.

The institution provides scholarships under various **government schemes, institutional schemes** as well as scholarships sponsored by the alumni to meritorious, needy, and differently-abled students. **18380 s**tudents have benefited from these schemes during the last five years. The institution has a well-structured, organized guidance and counselling system in place. In addition to financial support, the institution has active students' grievance redressal mechanisms that help the students to seek redressal for complaints, including those about sexual harassment and ragging. Various capacity building and skill enhancement initiatives are also taken for the benefit of the student.

The institution's concern for student progression to higher studies and/ or to employment has led to take measures to facilitate optimal progression. The institutional provisions like coaching classes for various competitive exams such as NET, JRF, SET/SLET, PSC etc. has facilitated vertical movement of students to higher level and gainful employment.

The institution also promotes students' representation and engagement in various administrative and co-curricular activities through a student union body that is elected/ nominated annually by the active participation of all students. The institution promotes value-based education for inculcating social responsibility citizenry amongst the student community. The institution has the required infrastructure and promotes active participation of the students in sports, cultural, literary and social activities. Students actively participate in extension activities through NSS, NCC, Red Cross etc. Encouraging students' participation in activities facilitates developing communication skills, soft skills and life skills including Yoga and competencies to foster holistic development.

The alumni are a strong support to the institution. The illustrious Alumni contribute in academic matters, student support as well as in mobilization of resources through financial and non- financial means.

Governance, Leadership and Management

The participative and decentralized management and governance of the college is guided by its vision and mission statement which aims at holistic development of the students besides making them globally competent. This has resulted in the development and deployment of prospective plans which are displayed on the college website. Admissions, Academic Systems, Faculty Excellence, Student Outcome and Infrastructure are the foundation stones that have led to the formation of institutional excellence. Being a government institute, the college follows the directives of UGC and the department of Higher Education, Chhattisgarh. The college follows participative management which includes academic and administrative bodies. The Principal and the Local Body representatives like State Government Administrative officers, Industrialists, Educationists, University representatives and personalities from Political domain, constitute successive order in the hierarchy. IQAC and various committees that assist in the college administration are guided by the institutional Policies and Manuals in their functioning. The IQAC plays a pivotal role in planning and establishing systems and procedures through constant meetings and regular feedback from all the stakeholders. Being a nodal agency for institutionalizing the quality assurance strategies for the institution, the IQAC is instrumental in conducting internal and external Academic and other Audits regularly. Annual action plan is taken well in advance and Action Taken Report is prepared at the end of session. AQAR is prepared and submitted every year. The IQAC and Research Cell have also been instrumental in promoting research in the institution. Subsequently this has led to the signing of MoUs and Collaborations with many national and international institutes of repute. Financial assistance is provided to the faculty to promote research and to partake in professional and skill development programs.

The college has a well -developed system of e-Governance in the areas of administration, finance, accounts, admission and examination. The institution has implemented all welfare measures for its teaching and non-teaching staff as per the government norms.

Optimal utilization of resources is the major concern of the institution. This enables the college to follow established procedures for optimal mobilization of funds received from different funding agencies like government resources, voluntary organizations and philanthropists .To maintain transparency at all levels, internal and external financial audit is conducted regularly.

Institutional Values and Best Practices

The college follows the policies as mandated by the UGC and the State government. The Code of Conduct for the administrative staff and faculty are followed as per the norms of the state govt. Code of conduct for students is stated both in the website and the college campus. Students Vishakha guidelines are also uploaded in the website. As it is a co-education college all the programmes ensure that both boys and girls participate in them. Hostel facilities are available for both boys and girls. Campus is a plastic free zone and has banned single use plastic. Rainwater harvesting and Roof water harvesting mechanism are in place. Sensor based electric lights are installed to conserve electricity. Solar panels have been installed which provide alternative sources of Energy. LED Bulbs, Tube lights are also installed. Divyangjan Policy ensures support per the Govt. norms along with other facilities and amenities like ramps and railings accessible water booth, toilets and accessible library facilities with braille books. College also extends facilities like scribes and narrator for students with disabilities. Adhering to the 4R policy of Rethink, Reduce, Reuse & Recycle it has defined mechanism to deal with biodegradable waste, non-biodegradable waste, e waste and Chemical hazardous solid and liquid waste. The college has ISO certificate in Environment Management System. It also has received first position in Swachch Bharat Abhiyan By The University. It is a research centre for 16 subjects with state of art research

labs and highly qualified research guides. 12 patents and copyrights have been awarded to the faculty members. Research projects have international collaborations.

The college has adopted two best practices to promote quality education:

1. Mentoring of students with special focus on the orphaned girls from Naxal affected areas and mentoring of other colleges under UGC Paramarsh Scheme to achieve the quality benchmark set by NAAC.
2. International Cultural Exchange Programme in which the students interact with faculties and students of other countries, learn about their culture, and share their own culture with the foreign students developing intercultural awareness and oral proficiency in English forming an experiential understanding of the true meaning of Diversity and Inclusion thus becoming global citizens.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	GOVT.V.Y.T.PG AUTONOMOUS COLLEGE DURG CHHATTISGARH
Address	G.E. ROAD, OPPOSITE TO BIT COLLEGE, DURG
City	DURG
State	Chhattisgarh
Pin	491001
Website	www.govtsciencecollegedurg.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	R.n. Singh	0788-2359688	9827162574	0788-2359688	pprinci2010@gmail.com
IQAC / CIQA coordinator	Jagjeet Kaur Saluja	0788-2974744	9977717571	0788-2212030	jagjeet_62@yahoo.co.in

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of	18-08-1958

'Autonomy'	
Date of grant of 'Autonomy' to the College by UGC	01-04-1988

University to which the college is affiliated		
State	**University name**	**Document**
Chhattisgarh	Hemchand Yadav University Durg	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC	01-01-1972	View Document
12B of UGC	01-01-1972	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	16-08-2006
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Departmental of Biotechnology Govt of India New Delhi Department of Science and Technology Govt of India Department of Higher Education Govt of Chhattisgarh
Date of recognition	29-02-2012

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	G.E. ROAD, OPPOSITE TO BIT COLLEGE, DURG	Urban	21.75	56079

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BCom,Commerce	36	HSSC	English,Hindi	100	100
UG	BCom,Commerce	36	HSSC	English,Hindi	420	420
UG	BLibISc,Library Science	12	HSSC	English,Hindi	40	37
UG	BSc,Science	36	HSSC	English,Hindi	55	55
UG	BSc,Science	36	HSSC	English,Hindi	50	50
UG	BSc,Science	36	HSSC	English,Hindi	100	99
UG	BSc,Science	36	HSSC	English,Hindi	50	50
UG	BSc,Science	36	HSSC	English,Hindi	30	30
UG	BSc,Science	36	HSSC	English,Hindi	50	33
UG	BSc,Science	36	HSSC	English,Hindi	65	47
UG	BCA,Science	36	HSSC	English,Hindi	60	60
UG	BSc,Science	36	HSSC	English,Hindi	210	210

UG	BSc,Science	36	HSSC	English,Hindi	90	88
UG	BSc,Science	36	HSSC	English,Hindi	40	40
UG	BSc,Science	36	HSSC	English,Hindi	320	320
UG	BSc,Science	36	HSSC	English,Hindi	30	30
UG	BA,Arts	36	HSSC	English,Hindi	4	4
UG	BA,Arts	36	HSSC	English,Hindi	169	169
UG	BA,Arts	36	HSSC	English,Hindi	5	5
UG	BA,Arts	36	HSSC	English,Hindi	21	21
UG	BA,Arts	36	HSSC	English,Hindi	7	7
UG	BA,Arts	36	HSSC	English,Hindi	44	44
UG	BA,Arts	36	HSSC	English,Hindi	22	22
UG	BA,Arts	36	HSSC	English,Hindi	9	9
UG	BA,Arts	36	HSSC	English,Hindi	25	25
UG	BA,Arts	36	HSSC	English,Hindi	49	49
UG	BA,Arts	36	HSSC	English,Hindi	7	7
UG	BA,Arts	36	HSSC	English,Hindi	3	3
UG	BA,Arts	36	HSSC	English,Hindi	35	35
UG	BA,Arts	36	HSSC	English,Hindi	42	42

UG	BA,Arts	36	HSSC	English,Hindi	16	16
UG	BA,Arts	36	HSSC	English,Hindi	10	10
UG	BA,Arts	36	HSSC	English,Hindi	28	28
UG	BA,Arts	36	HSSC	English,Hindi	4	4
PG	MSc,Physics	24	UG	English	25	24
PG	MSc,Chemistry	24	UG	English	25	25
PG	MSc,Mathematics	24	UG	English	60	60
PG	MSc,Botany	24	UG	English	25	25
PG	MSc,Zoology	24	UG	English	25	25
PG	MSc,Geology	24	UG	English	25	22
PG	MSc,Microbiology	24	UG	English	25	25
PG	MSc,Biotechnology	24	UG	English	25	25
PG	MA,Hindi	24	UG	Hindi	40	32
PG	MA,English	24	UG	English	40	40
PG	MA,Economics	24	UG	English,Hindi	40	31
PG	MA,Geography	24	UG	English,Hindi	40	25
PG	MA,Political Science	24	UG	English,Hindi	40	40
PG	MA,Sociology	24	UG	English,Hindi	30	30
PG	MA,History	24	UG	English,Hindi	40	20
PG	MCom,Com	24	UG	English,Hindi	140	140

	merce			i		
PG	MLibISc,Library Science	12	BLib	English,Hindi	20	20
PG	MSW,Social Work	24	UG	English,Hindi	40	20
PG Diploma recognised by statutory authority including university	PG Diploma, Yoga And Philosophy	12	UG	English,Hindi	20	19
PG Diploma recognised by statutory authority including university	PGDCA,Science	12	UG	English	150	150
Doctoral (Ph.D)	PhD or DPhil,Physics	36	PG	English	32	14
Doctoral (Ph.D)	PhD or DPhil,Chemistry	36	PG	English	56	7
Doctoral (Ph.D)	PhD or DPhil,Mathematics	36	PG	English	24	14
Doctoral (Ph.D)	PhD or DPhil,Botany	36	PG	English	22	7
Doctoral (Ph.D)	PhD or DPhil,Zoology	36	PG	English	26	9
Doctoral (Ph.D)	PhD or DPhil,Geology	36	PG	English	4	4
Doctoral (Ph.D)	PhD or DPhil,Microbiology	36	PG	English	6	2
Doctoral (Ph.D)	PhD or DPhil,Biotechnology	36	PG	English	10	4
Doctoral	PhD or	36	PG	Hindi	20	20

(Ph.D)	DPhil,Hindi					
Doctoral (Ph.D)	PhD or DPhil,English	36	PG	English	24	19
Doctoral (Ph.D)	PhD or DPhil,Economics	36	PG	English,Hindi	20	20
Doctoral (Ph.D)	PhD or DPhil,Geography	36	PG	English,Hindi	8	8
Doctoral (Ph.D)	PhD or DPhil,Political Science	36	PG	English,Hindi	8	5
Doctoral (Ph.D)	PhD or DPhil,Sociology	36	PG	English,Hindi	16	13
Doctoral (Ph.D)	PhD or DPhil,History	36	PG	English,Hindi	8	4
Doctoral (Ph.D)	PhD or DPhil,Commerce	36	PG	English,Hindi	28	11

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				13				0				88
Recruited	7	6	0	13	0	0	0	0	28	54	0	82
Yet to Recruit				0				0				6
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				16
Recruited	0	0	0	0	0	0	0	0	6	10	0	16
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				55
Recruited	31	2	0	33
Yet to Recruit				22
Sanctioned by the Management/Society or Other Authorized Bodies				42
Recruited	36	6	0	42
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				15
Recruited	6	4	0	10
Yet to Recruit				5
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

Permanent Teachers									
Highest Qualificatio n	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	6	0	0	0	0	21	40	0	74
M.Phil.	0	0	0	0	0	0	1	6	0	7
PG	0	0	0	0	0	0	3	1	0	4
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualificatio n	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	4	8	0	12
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	5	8	0	13
UG	0	0	0	0	0	0	0	0	0	0

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Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	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
UG	Male	2810	2	0	0	2812
	Female	2999	1	0	0	3000
	Others	0	0	0	0	0
PG	Male	451	1	0	0	452
	Female	682	0	0	0	682
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	75	0	0	0	75
	Female	94	0	0	0	94
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	61	1	0	0	62
	Female	102	0	0	0	102
	Others	0	0	0	0	0
Certificate / Awareness	Male	63	0	0	0	63
	Female	45	0	0	0	45
	Others	0	0	0	0	0

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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	242	247	297	347
	Female	234	306	307	288
	Others	0	0	0	0
ST	Male	209	304	391	387
	Female	350	373	365	443
	Others	0	0	0	0
OBC	Male	443	523	488	443
	Female	518	410	496	535
	Others	0	0	0	0
General	Male	1176	1886	1608	1607
	Female	1294	1028	1455	1689
	Others	0	0	0	0
Others	Male	2	1	2	5
	Female	1	1	3	2
	Others	0	0	0	0
Total		4469	5079	5412	5746

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Arts	[View Document](#)
Biotechnology	[View Document](#)
Botany	[View Document](#)
Chemistry	[View Document](#)
Commerce	[View Document](#)
Economics	[View Document](#)
English	[View Document](#)
Geography	[View Document](#)
Geology	[View Document](#)
Hindi	[View Document](#)
History	[View Document](#)
Library Science	[View Document](#)
Mathematics	[View Document](#)
Microbiology	[View Document](#)
Physics	[View Document](#)
Political Science	[View Document](#)
Science	[View Document](#)
Social Work	[View Document](#)
Sociology	[View Document](#)
Yoga And Philosophy	[View Document](#)
Zoology	[View Document](#)

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The concepts of Multidisciplinary and Interdisciplinary approach have been already adopted by our Institution and further we are planning to strengthen this concept with an aim to develop all capacities of human beings-intellectual, aesthetic, social, physical, emotional and moral to help develop well rounded individuals who possess critical sense. The course curricula of PG of several departments are

already in operation viz. Luminescent study between Physics and Zoology; Nano particle based study among Physics, Chemistry and Biotechnology; Material Science study between Physics and Chemistry. Scientific Validation of Traditional Knowledge between Botany and Biotechnology; Cyanotoxin study between Microbiology and Biotechnology, Proteomics and Genomics study among Biotechnology, Microbiology, and Zoology; Local Culture based study among Sociology, History and English; Economical study between Economics and Commerce etc. Besides, in the field of research also, we are performing Multidisciplinary/Interdisciplinary work viz. Material Science research between Physics, Chemistry, Nanoparticle based research for Environment Application and Pharmaceutical Application among Chemistry, Physics and Biotechnology; Fish Genomic research between Zoology and Biotechnology; Research for Pharmaceutically significant Lead Compound search between Botany and Biotechnology; Societal research work for Sickle Cell Anemia between Sociology and Biotechnology; Microeconomics study for Small Scale Vendors between Commerce and Economics; Gene Deformities based disease of Society (viz. Kidney Problem, Monogenetic Disease, Immunological Disorders) between All India Institute of Medical Science, Raipur and Department of Biotechnology; Whole Exon Sequence based genomics study between 3 billion Company of South Korea & Department of Biotechnology; Solar Cell Development between Bulgaria and Department of Chemistry etc. The College already has multidisciplinary Under Graduate system. The students have provision of more options. The Thus Institute is already prepared & operational for Multidisciplinary/Interdisciplinary activities in view of NEP.

2. Academic bank of credits (ABC):	The institution has applied to register under ABC in the Academic bank of credits (ABC) portal and consequently will help students to create their account in ABC to enable students to avail the benefit of multiple entries and exit during the chosen programme. The institution is in the process of developing a system for executing ABC. The curricula of PG programs already follows credit

	system and the curricula of UG program will be restructured gradually to credit system as per the guidelines of CG Higher Education Department and the Affiliating University and the policy related to ABC will be passed in the Academic Council and the Governing Body. Students are being updated and encouraged to register in online courses through various National Schemes like SWAYAM, NPTEL etc, and more than seventy five students are already registered in various courses of NPTEL. Elective courses are being offered in PG programs and initiatives are being taken to introduce more elective courses in subsequent years for which credits can be earned and transferred to their account from various MOOCs platforms.
3. Skill development:	The College is paying attention towards Skill Development Programme for the forthcoming generation with the aim to orient them to meet the challenges of Self-employment and to bridge the gap of Industry and Academia. The College is already working in this field and several Skill development courses have been implemented in the College, viz. Nano particle based Environmental and Health application, Vermi-composting, Fish Culture, Material Science based Skill development, Mushroom Culture Technology based Skill development, Clay based Arts Skill, Accounting and Taxation Skill, Skill related to Social Work, Yoga based Skill, Health Hazard Skill development, Genomics and Proteomics based Skill development and Bioinformatics based Skill development etc. The Institute is helping Entrepreneurship Programme through Incubation Centre. One of our Success Story is successful running of Fly-ash based brick industry and their health hazard impact analysis. The Physics Department is running Skill based training programme with Mat Lab Software, Arduino Board Machine Learning etc. In future we have planned to implement Household Electronics based Skill development programme, Environment assessment based Skill development programme, Medicinal Plants Cultivation Skill development programme, Pharmaceutically Significant Secondary Metabolites Extraction Skill development, Legal Drafting Skill development and Language Communication Skill development programme and Interpreter Skill Development programme. The Institute plans to start

	Short-term Training courses which are not the part of the curricula. This will be done with the aims to promote recognition and standardization. To meet the challenges through liberalization and globalization the institute has planned for students to make proper way to provide them internships and training prior to a full time job in some selected sections. Training and workshops will be organized on Entrepreneurship to encourage the students for start-ups. Keeping in view the demand of the local area of the industries the institute has planned to introduce Vocational courses as secondary subjects. Pilot Study Centre will be developed for the students to prepare for competitive exams under the auspices of Career and Guidance Cell.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	In College, our Primary Language for Teaching and Communication is Hindi (Indian Language) in all undergraduate courses and in PG course of Arts and Humanities. We are trying to develop Hindi Language for teaching in PG course of Science also. Some of our faculties have written books or chapters in books in Hindi Language. Our Government is also Promoting Hindi Language in the Higher Education System. In the Field of Culture, obviously, we are exploring in Local Language, Hindi and Chhattisgarhi. Our future plan is to document Original Language and Culture of endemic tribes of our State. So far as online courses are concerned, during pandemic period we have already implemented online classes and in future the college is planning to introduce some online courses. To preserve and promote culture, one must preserve and promote a culture's language. The Department of Hindi has constantly been endeavouring not only to promote but also to popularize literature and arts in Hindi and Chhattisgarhi. Subsequently the department has been organizing Faculty Development Programs, Guest lectures and Webinars on topics related to Language, Literature and Culture. Thereby the department has been observing and celebrating International Mother Language Day, Birth and Death anniversaries of eminent Indian Literati etc. The Institute has formed Drama Club to familiarize the students with the nuances and technicalities of theater drama and acting. We observe and celebrate International Yoga Day every year on 21st June and has started PG Diploma Course

	in Yoga Science and Philosophy. The Department of Sanskrit is equally strengthening itself by promoting Sanskrit language, literature and culture through various activities. The Institute has been relentlessly promoting diversity, culture, tradition and knowledge and has taken a step forward by associating with Gujrat under the scheme of Ek Bharat Shreshtha Bharat. Every year the Cultural Committee of the college organizes variety of cultural programmes and students participate representing different cultures of our country through dance, songs and drama,skits and other competitions.
5. Focus on Outcome based education (OBE):	Yes, the college has minutely planned for Outcome Based Education. In the course curriculum the Program Specific Outcomes, Program Outcomes and Course Outcomes have been specifically mentioned and Annual evaluation of outcomes have been carried out. OBE Module has been implemented since 2019-20. Bloom Taxonomy, Mapping of the COs and Results and final attainment has been done. The college is also concerned with employability of students as an outcome of study, so has implemented various Skill Development Programs, Entrepreneurship program, coaching classes for Competitive examination and trying to ensure their higher education after passing from the Institution. We are also paying attention on local need and scope of employability based on local requirements, so time to time ensure the amendment of courses to meet the requirements.
6. Distance education/online education:	The Institute in the campus has two study centres of Distance Education- Indira Gandhi National Open University (IGNOU) and Ptd. Sunderlal Sharma Open University open for all students. During the Pandemic period the entire faculty of the college organized online classes, online courses, developed e-content and uploaded on C.G. Portal of the Higher Education and on University portal including college OCM portal. Some Science Departments have also started virtual labs for the students to access to quality practical and hands-on experiment-based learning experience. The Central Library has Digital Repository. The college also organized online examination in blended mode as per the directives of State Govt. and Covid Protocol A few students are registered in MOOC and NPTEL. Digital infrastructure and ICT facilities have been improved

	and upgraded. In future the Institute has planned to initiate courses on English Language Communication, Legal Drafting and Awareness course, and Epidemiology Concept Course, SWAYAM and other courses through distance education/online system.

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
53	52	52	52	52

File Description	Document
Institutional data in prescribed format	[View Document]()

1.2

Number of departments offering academic programmes

Response: 21

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
7115	5756	5412	5079	4469

File Description	Document
Institutional data in prescribed format	[View Document]()

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
2226	1877	1677	1308	1206

File Description	Document
Institutional data in prescribed format	[View Document]()

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
6789	5709	5308	4917	4460
File Description			Document	
Institutional data in prescribed format			View Document	

2.4

Number of revaluation applications year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	752	756	677

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
736	667	670	662	661
File Description			Document	
Institutional data in prescribed format			View Document	

3.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
111	116	116	116	116
File Description			Document	
Institutional data in prescribed format			View Document	

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
119	116	116	116	116

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
16421	11012	8542	7647	6528

File Description	Document
Institutional data in prescribed format	View Document

4.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
2035	1765	1618	1618	1618

File Description	Document
Institutional data in prescribed format	View Document

4.3

Total number of classrooms and seminar halls

Response: 73

4.4

Total number of computers in the campus for academic purpose

Response: 280

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4.5

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

2020-21	2019-20	2018-19	2017-18	2016-17
303.47	552.09	260.01	285.50	306.28

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

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

Response:

The institution lays constant emphasis on designing curricula that reciprocates local/regional/national/global **developmental needs**, envisages Institutional/Departmental **Vision and Mission** as well as incorporates stakeholder's **feedback**. The curriculum is updated by respective departments keeping in view contemporary changes and societal demands; in alignment with **UGC** model curriculum along with guidelines of **CGHE** and Affiliating University.

Outcome Based Education (OBE): The curriculum with specified Program Outcomes(POs), Program Specific Outcome(PSOs) and Course Outcomes(COs) has been introduced from 2019 and the curricular relevance is adeptly reflected in POs/PSOs/CO

- To ensure **choice-based learning and academic flexibility**, ample subject combinations/electives are offered under UG/PG programs enabling students to choose courses of their interest.
    - B.Sc.(Bio-Group): Industrial Chemistry/Biochemistry/Geology/Microbiology/Biotechnology/Anthropology
    - B.Sc.(Maths-Group): Computer Science/Electronics/Industrial Chemistry/Geology. IT from Session 2021-22
    - BA program: Any three subjects from Arts/Social Science/Literature stream
    - B.Com program: Computer Application as additional course
    - BCA program: Students from any stream. Bridge Course for non-mathematical background
    - UG/PG/PGD in Library Science/Social Work/Computer Application/Yoga to equip with professional skills
    - All PG programs are credit based with elective courses.
- **POs-PSOs**: **Programs** focusing on relevant **local/regional/national/global elements**:
    - B.Sc: Conceptual/technical/industrial needs
    - B.A.: Historical/contemporary art/culture/societal components
    - B.Com.: Commercial/organizational aspects
    - BCA/B.Sc.(CS)/B.Com.(CA)/PGDCA: Digital literacy/skill development needs
    - B.Lib.&I.Sc./M.Lib.&I.Sc.: Learning resources management needs
    - PGDYP: Physical fitness/wellness needs
    - M.Sc.(Physical Sciences): Advanced physical/ chemical/ geological/ environmental aspects/ computational competencies
    - M.Sc.(Life Sciences): Biological diversity/ecosystem and biotechnological demands
    - M.A.(Arts/Social Science): Literature and allied needs/historical/geographical/ social/political/gender issues and values
    - M.Com./M.A. Economics: Economical and management aspects
    - MSW: Community development needs

- Ph.D.: Research ethics, exploration and redressal needs
- **COs: Courses** integrating **local/regional/national/global (L/R/N/G) demands**: A consolidated mapping of **COs** to **L/R/N/G** relevance uploaded.
- **Extra-curricular/Extension activities** instill individual accountability and social responsibility and address local/regional/national developmental needs. The students gain first-hand experience through activities associated with health/hygiene, environmental awareness, addiction/gender sensitization, adoption of villages, etc. under NSS/NCC/YRC/Women Cell/Departmental Societies/Clubs.

The curriculum is annually reviewed to ensure that students attain the required domain of **understanding, knowledge and skill**.

- The structure/syllabi of courses are framed through series of meetings in concerned department.
- **Constructive suggestions of stakeholders** are incorporated during curriculum development process. Feedback from diverse stakeholders are analyzed and based on inputs revision/restructuring is done by collective effort via participatory/inclusive mechanism.
- Scope for **activities to enhance employability/entrepreneurship/skill** are also considered during curriculum designing.
- The meticulously framed syllabi is placed before **Departmental Board of Studies** for finalization and the recommended curriculum is finally approved by **Academic Council/Governing Body**.

The syllabi of UG programs have been revised. In PG programs, new courses have been introduced to take care of emerging trends. Besides **laboratory courses, project/field work/industrial visits/internships** are integrated in curricula to initiate higher order experiential learning.

To enrich curriculum **Elective/Diploma/Certificate/Value-added courses** are being offered. Besides students are motivated to take-up **NPTEL/MOOC/Self-learning courses** beyond the curriculum.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 100

1.1.2.1 **Number of all Programmes offered by the institution during the last five years.**

Response: 70

1.1.2.2 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 70

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Details of program syllabus revision in last 5 years(Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 100

1.1.3.1 **Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..**

2020-21	2019-20	2018-19	2017-18	2016-17
736	667	670	662	661

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 21.16

1.2.1.1 How many new courses are introduced within the last five years

Response: 171

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 808

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 75.47

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

Response: 40

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

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:

The core ideals of the institution **-** *inclusiveness, harmony, accountability and excellence;* curriculum development in coherence with **Institutional Vision/Mission** and **Institutional Policies** focus on *gender equality, human values, professional ethics, environment and sustainability related issues* and strives to integrate/address various crosscutting aspects through regular/value-added/certificate **courses** along with

curricular/co-curricular/extra-curricular/extension **activities**.

- **Gender aspect:** *Inclusiveness* is evident from girls' enrollment; registration of girls in NSS/YRC/NCC (Girls Wing)/Cultural Exchange programs and participation in various Events/Sports.
  - Department of Hindi/ English, Political Science/ Sociology/ History, Psychology/ Anthropology and Zoology offer courses which addresses gender aspects/issues through literature, gender role in socio-economic development/political arena, changing status of women, women rights and empowerment, psychological perspectives and propagative system.
  - Socio-psychological Counselling Centre authorized by District Hospital fulfills counselling needs. Women Cell Initiatives; Self-Defence Training,
  - Awareness campaigns on gender sensitization, Programs on Third-gender help to acquaint with the challenges and preventive measures.
- **Human Values:** *Harmony* creates an ambience for holistic development. The institution trusts that knowledge along with character building is indispensable.
  - Contents focusing on rights and duties, social responsibility, welfare measures, nationalism, cultures/religions/traditions, psychotherapy, human development, environmental psychology, nutrition and health issues are integrated in various courses of Humanities stream, Foundation Course, Psychology, Biochemistry/Microbiology, etc.
  - New programs - MSW and PG Diploma in Yoga Education and Philosophy, Certificate Course in Human Rights meets the objective. Mentor-Mentee interaction helps healthy nurturing/grooming and instill values.
  - Workshops/Lectures on Yoga-Meditation/Life Skills/ Social Psychology and Celebration of commemorative days augment human wellness/values.
  - Cultural Exchange programs help in national/global integration. Extension/Cultural activities/Blood donation camps foster individual/social responsibility, cultural awareness and team spirit.
- **Professional Ethics:** *Accountability* leads to ethically upright individual. Besides knowledge acquisition, students are equipped with Professional Ethics.
  - Topics related to legislations, law, justice, corporate governance, public administration, business management/ethics, industrial/ human resource management, quality and pollution control, FDA, Biosafety, Bioethics, IPR, library management, laboratory safety/ethics are dealt with in almost all programs especially through courses in Sociology/ Political Science, Economics/ Commerce, Chemistry/ Industrial Chemistry/ Physics, Botany/ Zoology/ Microbiology/ Biotechnology, Geology/ Geography, Mathematics/Computer Science, Library Science etc.
  - Career and Placement cell focuses on inculcating interview skills.Workshop/Lectures on IPR, plagiarism, copyright, etc. apprise with ethical aspect.
- **Environment and Sustainability:** *Excellence* incorporates sustainability not only in professional sphere but takes care of environmental aspects too.
  - Environmental issues, its conservation and sustainability is of paramount importance. Course on Environmental Studies and Human Rights is mandatory for all UG students and project/field work is significant part of its syllabus. Studies on diverse environmental aspects – natural resources, climate, agricultural economics, biodiversity, its conservation, pollution and control are included in courses of Geography, Geology, Economics/ Commerce, Botany/ Zoology/ Microbiology/ Biotechnology, Chemistry/ Industrial Chemistry/ Biochemistry/ Physics as Agricultural/ Environmental Economics, Ecology,

Environmental Chemistry, Energy Resources etc. Environmental Biotechnology, Bioconversions/ Bioremediation studies focus on pollution reduction measures. Agriculture/Environmental Microbiology, Biofertilizers, Mushroom Cultivation and Vermicomposting aims at sustainable development.

- Certificate Course in Disaster Management/GIS and Remote Sensing apprise with diverse natural and man-made disasters, mitigation and management systems.
- Industrial/Field visits, Outreach activities like Adoption of villages, Environmental Awareness/Swachhata Abhiyan /Water Conservation Drive/NCC/NSS initiatives.
- Installation of Solar panels/Electricity sensors/LED bulbs conserves energy expenditure.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 51

1.3.2.1 **How many new value-added courses are added within the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
25	8	13	2	3

File Description	Document
List of value added courses (Data Template)	[View Document](#)
Brochure or any other document relating to value added courses	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 44.95

1.3.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3825	2863	2347	1773	1920

File Description	Document
List of students enrolled	
Any additional information	
Link for Additional Information	

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 38.33

1.3.4.1 **Number of students undertaking field projects / internships / student projects**

Response: 2727

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	
Any additional information	
Link for Additional Information	

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
Any additional information	[View Document](#)
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	[View Document](#)
URL for stakeholder feedback report	[View Document](#)
Link for Additional Information	[View Document](#)

1.4.2 The feedback system of the Institution comprises of the following :

Response: A. Feedback collected, analysed and action taken and report made available on website

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 93.7

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

2020-21	2019-20	2018-19	2017-18	2016-17
2977	2675	2544	2408	2242

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

2020-21	2019-20	2018-19	2017-18	2016-17
3085	2675	2645	2645	2645

File Description	Document
Institutional data in prescribed format (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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: 62

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

2020-21	2019-20	2018-19	2017-18	2016-17
1246	1126	1027	1015	951

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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:

Slow and advanced learners were shortlisted on the basis of marks obtained by the students in the qualifying examination at the entry-level and verbal interaction in their classes.

Activities conducted for slow learners:

- Personal attention was given to every slow learner in classroom by respective subject teachers.
- Remedial classes are conducted for slow learners in UG and PG programmes.
- Study materials were provided to the students in soft form as well as in the form of class notes.
- Students giving correct answer during the classroom interaction were encouraged by rewarding with prizes.
- Video lectures prepared by Faculty members have been uploaded on the institutional website.
- e-Learning was introduced during the pandemic and online classes were held. e-Notes and video lectures were shared with the students through social media groups and apps like WhatsApp, Telegram, Google Classroom and Teachmint etc.
- To pursue some important topics, links to e-PGPathshala was given in institutional website and shared with students through WhatsApp in order to improve their learning level.
- In regular classes, counselling / problem solving sessions were organised ahead of the end-semester and annual examinations for slow learners regarding exam preparation.
- Revision sessions/extra classes and extra practical classes are also conducted.
- Assignments based on previous years question papers were given, which were solved by the students and checked by the concerned teacher.
- Question banks were prepared and made available to the students.
- Parents were involved through PTA to inform them about the academic progress of their wards.

Activities conducted for Advanced learners:

In the Classrooms

- Assignments and project works were assigned to them to inspire and motivate them towards advanced learning. Advanced assignment tasks are given to enthused students.
- Advanced Study material was provided in digital and print form.
- Special counselling sessions were organized for advanced learners. Their performance and progress

were periodically assessed through usual classroom queries, class tests, and assignments. During these sessions, they were motivated to discuss various topics they were interested in, to improve their learning ability and level of comprehension.

Beyond Classrooms

- They were encouraged to attend seminars and conferences and present papers therein. This initiative was taken to avail them of greater exposure to some new platforms of higher learning.
- They were encouraged to pursue value-added and add-on courses.
- Special coaching sessions were organized for aspiring students on career guidance.
- Industrial visits, internships, excursions and study tours were organized.

Library-incentives

- They were allowed to borrow extra books from the departmental library.
- e-Books on various topics are provided in the library.

Institutional Encouragement

- Cash prize and Medal were provided to the meritorious students under ISR (Institutional Social Responsibility) by the institution and stackholders and alumni.
- Students obtaining the highest marks in the UG and PG class were awarded gold medals every year by the institution during the award ceremony.
- They were encouraged to register for NPTEL/MOOC/SWAYAM courses.
- Platforms were provided to them through MOU with reputed institutes to explore their talent.
- They were encouraged to play leadership role in various activities like organizing competition, compering, management of various events and excursion.
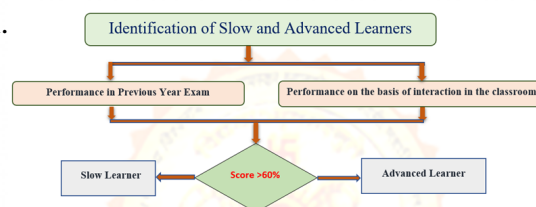
File Description	Document
Any additional information	[View Document]()
Link for Additional Information	[View Document]()

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

Response: 64.1

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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:

Student-centric methods in conventional Teaching-Learning Practices

• **RegularActivities:**

Group discussions, Debates, quizzes, Field visits, Seminars, Poster Making, Poetry recitation, Essay writing etc. were organized regularly wherein the students were encouraged to voice their views and opinions.

• **Course-basedStudy Projects:**

Being an integral part of the evaluation mechanism in PG classes, the project works were pursued by the students with the guidance of faculty for which they visited some specified places, labs and industrial places, carried out investigations and submitted reports on their

experience.

• **Language-based activities:**

Training on functional aspects of language has been integrated with the language teaching classes. Workshops on Phonetics and Pronunciation were organized for correct pronunciation to be learnt and exercised.

• **Soft Skills training:**

Soft Skills training Programmes have been organized to learn Common etiquette, interview skills and other aspects of personality development thoroughly.

•**Departmental seminar and video lectures:**

Departmental seminars and video lectures have been organised by the departments.

Student-centric methods in non-conventional Teaching Practices

• **Flipped classrooms and blended classrooms.**

The classes were conducted in blended mode after the impact of the pandemic was slowed down. In blended classrooms, face-to-face communication goes on and is mixed with independent study at home—usually via technology. Pre-recorded video lectures are

shared with students which they could watch before the commencement of the class, to get some background knowledge and have their doubts cleared. In such classes, Some of the students were physically present, and the rest of them attended online.

• **Preparation of question papers by the students**:

PG students are instructed to prepare question papers as per the pattern of autonomous semester examinations. In the process, they could develop a comprehensive understanding of the course content that helps in learning the subject in the best way.

• **Student-instructor Program (SIP)**:

Under this programme, classroom teaching is done by grad students during their free periods. They could learn the methods of teaching, shed their hesitation in this endeavour.

• **Learning without Teaching (LWT)**

It is a significant Peer Learning Initiative (PLI) that includes various activities performed inside and beyond the campus. Under this programme, in-campus and out-campus self-learning activities were conducted.

- • **In-Campus Experiential Learning Initiatives (In-CELI)**

• Readers Club

• Magazine Club

• Wall Magazine

• Drama Club (*Abhirang)*

• Debating Society (*Samvad)*

• Film Society (*Chhayapat*)

• Photography Club (*Chhavipat*)

• Literary Society (*Shabd-Kalpa*)

• House Quiz (*Prashnik*)

• Science Club

• Commerce Club

• Eco-Club or Go Green Club or Save Energy Club

• Departmental Associations *(VibhagiyaParishad)*

• Gender Justice Association (Women cell)

• Readers Club

• Magazine Club

• Language Lab

All these Clubs, Societies, Associations etc. were run by the students themselves under the supervision of faculty.

- **Out-Campus Experiential Learning Initiative (Out-CELI)**

This programme includes the following out-campus activities :

• Field surveys

• Excursions

• Industry visits

• Visits to sites of historical, archaeological, cultural or literary importance.

• Folklore Conservation Society which has treasured Chhattisgarhi folkloreby developing a digital repository "*Lokvachan*".

• Economic Survey

• Press Visits

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response:

As technology plays a crucial role in every sphere of life today, conventional pedagogy has been

transformed to a great extent; getting more interactive and skill-oriented. In a virtually paper-free work environment, the process of teaching-learning has also become ICT supplemented. The teachers are obliged to use multiple ICT tools and digital resources to communicate in a more creative and interactive learning environment. The following measures are adopted by the institution towards the promotion of technology-assisted teaching—

Institutional-support

- Internet broadband network is made available for students, faculty and staff in the campus with Wi-Fi zones at various places in the Institution.
- The college has ICT enabled classrooms and smart classrooms.
- Every department is equipped with desk-tops, lap-tops and an LCD Projector for effective teaching.
- The institution has a digitized library with the provision of e-Books and e-Journals facility. The faculty members, research scholars and PG students are registered with INFLIBNET.
- A well-equipped Computer Laboratory with audio-visual facilities has been established to help teachers and students to access online study material.
- In the post-lockdown period, the college conducted divisional level online classes for students of colleges situated in remote areas of Durg and Bastar division by the order of the Higher Education Department of Chhattisgarh Government.
- To enable students and teachers to handle and get access to teaching-learning tools and resources, the Computer Science Department has organised special training programmes.
- Language Lab is established in the college to facilitate learning and improve linguistic skills ie. Listening, Speaking, Reading, and Writing (LSRW).
- Online submission of theory and practical assignments and test papers for internal assessment was facilitated by the institution during the pandemic. Annual as well as semester examinations were held in hybrid mode.

Efforts by the faculty

- Cutting-edge educational technology like various conferencing apps, video lectures, PowerPoint presentations are extensively used in classroom teaching.
- The apps like Zoom, Google Meet, Teachmint, Microsoft Team, Cisco Webex etc and apps clustered in G-suite were employed for online classes, as well as in webinars and e-Conferences. Study materials were shared through Google Classroom and Teachmint as well as through social media tools like WhatsApp.
- During the pandemic, video lectures were prepared which the students of all the colleges affiliated to Hemchand Yadav University, Durg could have access to. These lectures were shared via the university website.
- Students were encouraged to pursue online courses provided by MHRD like MOOC (Massive Open Online Courses) on SWAYAM and NPTEL platform.
- The students are proficient in preparing PowerPoint presentations. They exploit e-resources for preparing seminar write-ups, project reports and other assignments.
- Flipped Classrooms were held where teaching-learning activity is conducted in blended mode. Pre-recorded video lectures were shared with the students which they could watch before the commencement of the class, to get some background knowledge and have their doubts cleared. In such classes, while some of the students were present physically, the rest of them attended online.

- Teachers also use e-PGpathshala and NPTEL platforms to access online content in their respective

subjects to get updated on the latest development in their discipline.
- Teachers attended FDPs that give exposure to the advanced research avenues.
- E-Modules were prepared to share study material.
- Virtual Laboratory is established by the Computer Science Department.
- Class tests, assignments and e-Quiz were performed using Google classroom and Teachmint app.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	[View Document](#)

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

Response: 64:1

2.3.3.1 **Number of mentors**

Response: 111

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

Academic Timeline

- Being a State Govt. Institution, the college follows the calendar issued by the Department of Higher Education, Govt. of Chhattisgarh. Conforming to the timeline given by the Government and the parent university, the IQAC frames an annual calendar for the institution, which is communicated to all the departments and students through the institutional website and prospectus. The annual calendar includes academic activities to be conducted during odd and even semesters with the approval of the Autonomous Cell at the onset of the academic session.

- At the beginning of the session, the staff council meets to review the functioning of the institution in the preceding academic session, together with the matters regarding the implementation of the academic calendar during the year ahead.

Academic Almanac : Institutional, Departmental and Individual

- The pedagogical activities of the institution run as prescribed in the academic calendar which includes the significant dates of organizing all the activities concerned with the teaching-learning and evaluation in chronological order. The dates of the orientation programme for freshers, commencement and completion of teaching in the semester and annual systems, that of organising internal tests, seminar presentations and submission of assignments by the PG students, commencement and completion of end-semester and annual examinations, declaration of results are all mentioned in the calendar along with Commemorative days and the dates of the important events such as College Annual Day, Sports day, *YuvaUtsav,* etc. Following the College annual calendar, every department prepares its academic calendar to conduct its own business.

- The syllabus is planned to be dealt with unit-wise. At the beginning of the session, every teacher has to submit his or her academic almanac that contains monthly and daily teaching plans showing the units and topics to be dealt with in the class within the stipulated time frame. The deadlines set out to accomplish the academic requirements, such as submission of assignments, organization of internal tests and presentations etc. are communicated to the students through a notice displayed on the institutional and the departmental notice boards as well as on the website. Special classes, Remedial classes and Step-up classes are also pre-scheduled and taken as per time table. The Academic almanacs are submitted to the IQAC at the beginning of the academic year.

Academic Audit

- Assessment of the academic performance of each department is carried out at the end of the session through an academic audit. Using a structured format the audit evaluates the performance of the faculty and that of the department as to how they organize their work, use the resources available in the institution and how they make efforts to provide quality education in the best interests of the students. A consolidated report on academic performances evaluated through the audit is submitted to the IQAC at the end of the academic session.

Activity Committees and Departmental Societies

- Various Activity Committees and Departmental Societies constituted to conduct extra-curricular and co-curricular activities organise the events as scheduled in their respective timeline which is framed at the beginning of the session. Sports day is conventionally scheduled a few days before the annual function.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.4 Teacher Profile and Quality

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

Response: 98.66

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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: 76.01

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

2020-21	2019-20	2018-19	2017-18	2016-17
86	93	89	88	81

File Description	Document
Institutional data in prescribed format (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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: 14.61

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

Response: 1621.9166

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 35.2

2.5.1.1 **Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
17	19	51	41	48

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 8.94

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	752	756	677

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

Reforms in Examination Procedures

With the transformation in conventional pedagogy in recent decades, the college has adopted an examination system open to consistent reforms. With the advent of technology in the teaching-learning process, the college is prepared to bring about modifications relevant to the paradigm shift in education. These strategic changes have been introduced through automation in the processing of examination by integrating tools of Information Technology (IT) and by incorporating the Continuous Internal Assessment component which is gaining more relevance and weightage.

A well-established Autonomous Examination Cell is in place which is being run by efficient and hard-working staff, supported by the College Management and faculty members. The Examination Management System functions as per regulations adopted by the Governing Body of the college and approved by the Academic Council. For maintaining procedural data and records regarding examinations, the software services are hired. The examination data is stored in hard discs.

The significant changes brought about in the examination procedure in the past few years are as follows:

Reforms in Pre-examination Activities

Reforms introduced	Outcome
Automation of Examination Management System	1. Security, accuracy, reliability, efficacy, transpar confidentiality are achieved in the entire process.
The students can submit application forms for examination online, along with the online payment of	This saves time as well as energy of students and offi saves the paper also.

exam fee.	
Notices related to Examination including time table are displayed on college website and are also circulated in WhatsApp groups of students.	This makes communication fast and easy.
Syllabi are divided into units taking course outcome into consideration.	Students could carry out their studies in a syste organized way.
Question papers are received through e-mails also.	1. Proof mistakes are avoided. 2. More confidentiality is maintained.
Credit-Based Semester System (CBSS) was introduced for the benefit of the students.	CBSS keeps track of student progress and supports higher education programme.

Reforms during the course of Examination

Reforms introduced	Outcome	
Within given word limits, a variety of questions including Very short-answer, Short-answer and Long-answer-type questions are asked from each unit.	The students have the practice of writing precise a point answers. This helps them in competitive exam	
Questions are set from every unit with internal choice.	1. The entire syllabi are covered. 2. Students are bound to study all the units in a course.	
A structured methodology for Continuous Internal Assessment is adopted.	1. Uniform and objective way of evaluation is maintained. 2. Fair assessment is possible.	
PowerPoint presentations, Project work, Field Studies and Assignments are integral parts of the evaluation.	Hands-on and Experiential learning give students to learn from their personal experiences.	
Online submission of assignments and organization of practical exams using google workspace	During the pandemic, the evaluation process could out smoothly.	

Reforms in Post-examination Activities

Reforms introduced	Outcome	
Encoding and decoding of answer booklets are done during the revaluation.	It enhances confidentiality and impartial evaluation.	
Digital copy of statement of marks can be downloaded by the students from website.	Provides more scope to final year students placements and higher studies.	
Answer sheets are shown to students in the process of revaluation if they are not satisfied with the result of revaluation.	1. Greater transparency and accountability in the e process. 2. Students' grievances are addressed.	
Inclusion of security features in mark sheets.	Chances of manipulations are annulled.	

Examination Procedures and Pattern:

The college imparts an outcome-based education. Every course has distinct course outcomes that could be attained at the completion of the course. UG and PG courses are conducted through the Annual system and Semester system respectively. The Examination pattern consists of two components, namely, Continuous Internal Assessment (CIA) and Annual/Semester Examination.

The faculty of the college conduct all internal assessments. After the completion of the examination, a mark sheet, with proper security features, is issued to the students which shows the detail of CGPA, student's photograph, the medium of instruction etc.

Processes integrating IT

The college has adopted an organized, objective and comprehensive Examination System that is well supported with the integration of IT tools. All the departments in the College are equipped with Wi-Fi connectivity. The infrastructural facilities in the examination cell include a set of computers, printers, scanners and exclusive software. All the components relating to examinations including admissions, preparation of students' profiles, registration for the semester and annual examination, remittance of examination fees, preparation of roll list of examinees, generating admit cards, entry of internal, semester and annual examination marks, result processing and result declaration, printing of mark sheets, result-analysis etc. are processed in an automated way, maintaining sanctity, integrity and confidentiality of examination at all cost. Notifications regarding the examinations and the timetable of the examinations are displayed on the College Website. The information regarding various important matters were communicated using bulk SMS.

Continuous Internal Assessment System

A well designed internal assessment mechanism is being followed by the institution with a view to promote learner-oriented pedagogy. Assignments and tests based on experiential learning constitute a vital component of internal assessment. The college runs a wide range of both UG and PG courses in Arts, Science and Commerce streams.

In PG curricula the Internal Assessment mechanism consists of varied components like Class Tests, PowerPoint Presentations, Assignments Project works and Internships. In UG classes, Unit Tests are conducted throughout the session. The internal assessment shares 10% weightage in UG whereas 20% in PG out of total marks in each course. In the Science stream and some Social Science and Behavioural Science subjects, practical and viva-voce are parts of the evaluation.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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 college has introduced Outcome-Based Education (OBE) in 2019, which addresses knowledge, skills, and values and holds a pragmatic and creative approach to life. It is adopted as a standard by which the teaching-learning process is benchmarked and evaluated. This initiative has made the stakeholders comprehend the quality and nature of learning outcomes of a particular programme or course. That enables the college to maintain the academic standards of various programmes and to make the pedagogical quality compatible in national and global scenarios.

Process of formulating objectives and outcomes

The formulation of learning objectives and outcomes are done in the following steps:

1. **At the department level:**

The faculty members of each department revise the curricula every year focussing on recent developments in the discipline concerned. Conforming to these developments, the objectives and outcomes of the programmes and courses are devised by sustained deliberations. The programmes and courses were designed in a way that should have direct implications on the welfare of individuals and society at large. Taking this into account, the Programme Learning Objectives (PLOs), Course Learning objectives (CLOs), Programme Outcomes (POs) and Course Outcomes (COs) were laid down and forwarded for subsequent consideration and approval of the Board of Studies (B.O.S.).

1. **In the Board of Studies (B.O.S.):**

The B.O.S. with all the stakeholders, like faculty members, external subject experts, a university nominee, a representative from industries, business and other walks of life including alumni, as its members, thoroughly discusses various aspects of the course contents and possible outcomes of each programme and course, and finally approves the POs and COs.

Communication of learning objectives and outcomes:

After approval by B.O.S. and later by Academic Council, the POs and COs were shared with the students and teachers through the following means:

1. **Syllabi:** Along with the details of the course contents, POs and COs are stated in the syllabi of all the subjects and made available in print as well as in soft form to the students and faculty. The copies of syllabi are also provided in the departments for ready reference of faculty and students.
2. **Introductory classes of each course:** The course contents, POs and COs of each course are also conveyed and discussed elaborately to the students during the introductory classes when the semester or annual academic sessions begin. The faculty members explain the pattern of questions to be asked in the annual and end-semester examinations and their congruence with the course outcomes.
3. **Website:** The outcomes of all the programmes and courses along with the detailed description of contents could be accessed through the institutional website where they are displayed on. The

student can assess the prospects of each programme in terms of knowledge, employability and skill enhancement before selecting a particular programme.

4. **Social Media Groups:** At the beginning of the session the COs and POs are communicated by the faculty to students through constant sharing and discussions in WhatsApp Groups.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response:

POs, PSOs, and COs, are measured in terms of the academic performance of students. It has been observed that the strength of the students has increased by 19.24 % in 2020-21 as compared to 2019-20. Similarly, the passing percentage of the students has increased by 3%. Apart from that, students' progression to higher studies, from Under Graduate to Post Graduate programs seems to have significantly increased from the preceding academic sessions. The behavioral outcome of the students is assessed through co-curricular activities also. Semester exams for the courses having semester patterns and annual exams for the courses having annual patterns are conducted. The attainment of COs, POs, and PSOs is assessed through internal examinations, final examinations results, and other assessments of students after completion of their programs.

Attainment of Program Outcomes:

There is a structured and efficient mechanism for the calculating attainment of the Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) in the college. The IQAC of college follows a specific and systematic methodology for success of the same.

Mapping of COs with POs and PSOs: Mapping of CO with POs / PSOs is the first level towards formulation and setting of attainment levels. Each CO is mapped with relevant POs and PSOs. Depending on the extent of matching numerical values from 1 to 3 are assigned. Tabulation of all CO- PO/PSO mapping for a program sets attainment levels to be achieved.

Procedure for Calculation of Attainment of COs/ POs/ PSOs:
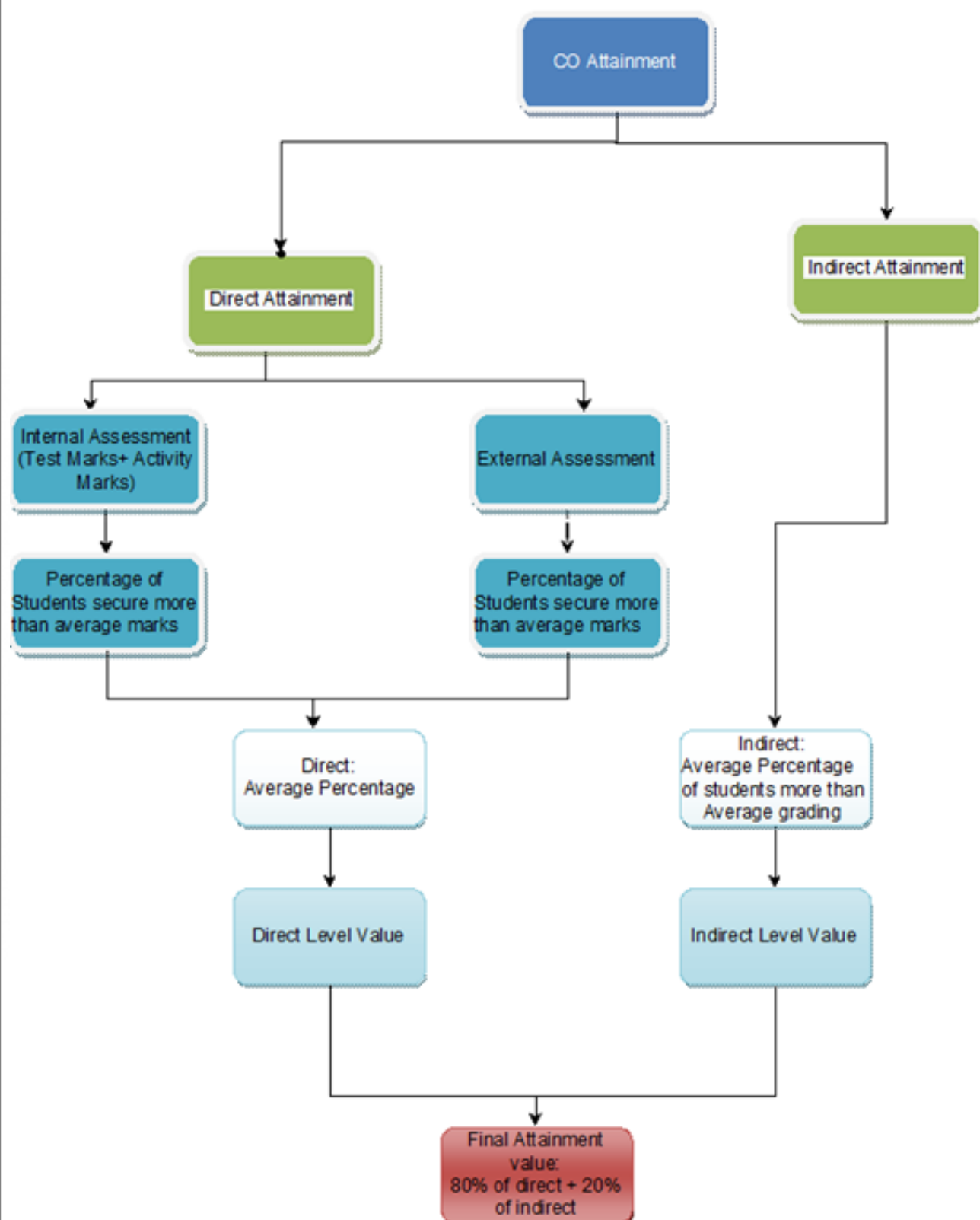
Attainment of **Course Outcome**s is calculated through **Direct and Indirect methods**.

Direct Attainment includes:

1. Two Internal tests whose questions strictly adhere to the assessment of COs
2. Class performance activities consisting of assignments/presentations/ experiments/quizzes/any

other activity related to COs

3. External or Final examination marks.

Indirect Attainment includes:

1. Feedback from students, parents, alumni, and employers on the framed questionnaires.

Program outcomes are also obtained through direct and indirect methods.

Direct PO Attainments = Sum of Average attainment level of the COs mapped to PO / Total number of Courses

1   A common format is used for finding the average attainment of COs /POs/PSOs

2.   Three target levels are set for CO: Low, Moderate, and High attainment for direct and indirect methods which may vary from course to course, for example:

Level	Average Percentage Level
1 (Low)	45-50%
2 (Moderate)	51-65%
3 (High)	65% and above

Level	PO attainment range
1 (Poor)	0.5<=PO attainment value<1
2 (Average)	1<=PO attainment value<1.5
3 (Good)	1.5<=PO attainment value<2
4 (Very Good)	2<=PO attainment value<2.5
5 (Excellent)	2.5<=PO attainment value<=3

(IV)   Target levels for the attainment of COs/ POs/PSOs are set based on average marks obtained in the previous academic year.

Attainment Level Calculation for each CO =   80% of the direct level + 20% of the indirect level of that CO

(V)   Attainment levels of all COs/ POs/PSOs are presented in a common format.

(VI)   Attainment of Mission is calculated by mapping PSOs with the Mission statements and assigning

the scores.

(VII)   The achievement of Vision is evaluated based on Mission attainment values.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 99.82

2.6.3.1 **Total number of final year students who passed the examination conducted by Institution.**

Response: 2222

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 2226

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	View Document
Any additional information	View Document
Link for the annual report	View Document
Link for additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.83

File Description	Document
Upload database of all currently enrolled students	[View Document]
Upload any additional information	[View Document]
Link for any additional information	[View Document]

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

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

Response:

RESEARCH POLICY

PREAMBLE:

The Research Policy aims to help the College as well as the faculties to achieve excellence and contribute to the organizations and society. The Govt. V.Y.T.PG. Autonomous College is committed to maintain the highest standards and integrity in the conduct of its research. The Research Policy and practice of the college is dedicated to the way in which research is planned, funded, conducted, results are recorded and reported, and the fruits of research are disseminated, applied, exploited, and allow ready verification of the quality and integrity of research data. This policy provides a broad framework to guide research and the integrity of scholarly inquiry at the college.

OBJECTIVES:

The objectives of the policy are as follows:

a.   To promote research, innovation, publication and intellectual capital,

b.   To ensure integrity, quality, and ethics in research,

c.   To integrate teaching and research through translational and instructional research,

d.   To incentivize the generation of intellectual capital.

FOCAL THEME:

To achieve objectives our policy is based on the following focal theme--

a. To motivate the students and faculty members for research and innovations and to undertake Research Projects of basic and societal significance.

b. To encourage the researchers for collaborative, interdisciplinary, and consultancy-based research projects.

c. To encourage the researchers for creating, protecting, and leveraging Intellectual Property Rights.

d. To determine the frequency with which something occurs or with which it is associated with something else and to test a hypothesis of a causal relationship between variables of local and global issues to yield socially useful outcomes.

e. To focus on material science, nanoscience, luminescence science, environmental science-based research work,

f. To undertake problems related to prevailing genetic problems of society, heavy metal contamination, and related health hazards to society,

g. To perform scientific validation of traditional knowledge of the society,

h. To undertake research work related to sustainable exploitation of natural resources,

i. To investigate local commercial/economic/social and psychological problems of society,

j. To perform a study on historical/tribal culture and literature of society.

RESEARCH COUNCIL AND PROMOTION OF RESEARCH:

To ensure effective implementation of objectives & to obey focal theme, the college has a RESEARCH COUNCIL with the following policy-based responsibilities-

1. To impart Research Projects from International/National agencies and college resources,

2. To ensure research activities through scientific meetings, collaborations, networking, and support through seed money,

3. *Research Expression* , Bi-annual Peer Review Multidisciplinary Journal is published by the Institute

4. To impart national and international fellowship by the students and faculties,

5. To collaborate with national, international organizations and industries through MoUs.

6. To ensure short term project-based research work for UG and PG students,

7. To help Ph.D. scholars with instrumentations, intellectual requirements, library facilities along with participation in national and international scientific events,

8. To undertake research work related to prominent problems of local society along with prospective global problems.

The Research Council is responsible for reviewing policy and guidelines for the proper conduct of research, adoption of new guidelines legislations, and ethics of research.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
Any additional information	[View Document](#)
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 1.73

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
7.91685	0	0.38935	0.32	0

File Description	Document
Minutes of the relevant bodies of the Institution	[View Document](#)
List of teachers receiving grant and details of grant received	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 0.87

3.1.3.1 **The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
5	0	0	0	0

File Description	Document
List of teachers and their international fellowship details	[View Document]()
e-copies of the award letters of the teachers	[View Document]()
Any additional information	[View Document]()

3.2 Resource Mobilization for Research

3.2.1 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: 390.05

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

2020-21	2019-20	2018-19	2017-18	2016-17
263.04875	32.04925	57.2075	16.62	21.12

File Description	Document
List of project and grant details	[View Document]()
e-copies of the grant award letters for research projects sponsored by government and non-government	[View Document]()
Any additional information	[View Document]()

3.2.2 Percentage of teachers having research projects during the last five years

Response: 8.35

3.2.2.1 **Number of teachers having research projects during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
22	8	8	4	6

File Description	Document
Names of teachers having research projects	View Document
Any additional information	View Document
Link for additional information	View Document

3.2.3 Percentage of teachers recognised as research guides

Response: 51.35

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

Response: 57

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document
Any additional information	View Document
Link for additional information	View Document

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 46.25

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

2020-21	2019-20	2018-19	2017-18	2016-17
13	5	6	4	6

3.2.4.2 **Number of departments offering academic programes**

2020-21	2019-20	2018-19	2017-18	2016-17
16	14	14	14	14

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Any additional information	[View Document](#)
Paste link to funding agency website	[View Document](#)

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

INNOVATION ECOSYSTEM

The college has a ecosystem for innovation based activities *viz*.-

1. Academic innovation,
2. Entrepreneurship based innovation,
3. Natural Resource based innovation, etc.

Under academic innovation various kinds of nanoparticles have been synthesized in our college, and its applications have been also established. Similarly, some important pharmaceutically important compounds have been isolated from native plants of our state. As an entrepreneurship innovation, we have developed formula for fly ash based Brick manufacturing by using some biological residues and one of our student has successfully established brick industry at Siltara, Raipur. This is a success story. We are also developing process of polylactic acid-based bioplastic development. Our Mushroom culture programme, Vermicomposting programme and Fish culture training programme are another entrepreneurship-based skill-oriented programme.

As a natural resource-based innovation we have consortium of medicinal plants from which secondary metabolites isolation, identification and characterization are being carried out to identify lead compound for drug development. Recently we found one specific compound from *Urena lobata*, competent to inhibit Corona Virus replication by docking MPro protein responsible for virus replication.

Under creation and transfer of knowledge, and support, we have established various incubation centres, viz. Mushroom culture training centre, Vermicomposting unit, Fish culture training centre, Sickle Cell Anaemia Screening and support cell, Medicinal Plants Consortium cell and Genomic analysis cell. We are providing required training and services to our students and community members for creation of related entrepreneurship, and services. We have special Medicinal plants consortium to identify, characterize and detect lead compounds from medicinal plants for Drug development and therapeutic applications. Besides,

we are organizing several programmes for community orientation related to Sickle Cell Anaemia, Glucose -6- phosphate dehydrogenase deficiency and STD and hygiene related problems.

A brief list of Incubation centre activities is as below mentioned-

S.No	Year of Proposal	Name of the person	Name of the start-up	Nature of the start up	Date of Commencer
1	2018	Bhawna Jain	Siddhachalam Envirotech LLP	Education Services	3rd June 2019
2	2019	Shalabh Saha	Geo Solutions & Aviral Mine Planning and Environment Services Pvt.Ltd	Consultancy Services	23rd July 2020
3	2018	Avinash Banpal	Food Cafe	Catering Services	
4	2018	Sudhir Chandel	Motion Spectrum Films	Youtube channel	23rd Sept 2018
5	2021	Keshav Verma	Shubh Muhurat		

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 137

3.3.2.1 **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
37	52	19	14	15

File Description	Document
Report of the event	[View Document](#)
List of workshops/seminars during last 5 years	[View Document](#)
Any additional information	[View Document](#)

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years

Response: 5.23

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 298

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 57

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

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

Response: 3.02

3.4.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
128	57	37	73	52

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)
Any additional information	[View Document](#)

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years

Response: 0.77

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

2020-21	2019-20	2018-19	2017-18	2016-17
51	21	6	6	5

File Description	Document
List books and chapters in edited volumes / books published	[View Document](#)
Any additional information	[View Document](#)

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 7

File Description	Document
Bibliometrics of the publications during the last five years	[View Document](#)
Any additional information	[View Document](#)

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 15

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document
Any additional information	View Document

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 2.39

3.5.1.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
0.69	0.60	0.70	0.30	0.1

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View Document
Any additional information	View Document

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 2.36

3.5.2.1 **Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
0.66	0.65	0.67	0.28	0.10

File Description	Document
List of training programmes, teachers and staff trained for undertaking consultancy	[View Document](#)
List of facilities and staff available for undertaking consultancy	[View Document](#)
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View Document](#)
Any additional information	[View Document](#)

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

Our college has actively served the society in SARS CoV- 2 pandemic with the goal to serve and sensitize the student community as well as the society.

1. The NSS/NCC/Red Cross society of our college unit has created awareness regarding Covid- 19 pandemic and about protocol for protection from COVID-19.
2. As an extension service we have extended financial and physical support to COVID- centers.
3. A mass awareness programme regarding Dengue fever have been organized.
4. A sensitization programme for AIDS was organized.
5. An extensive screening and awareness programme was organized for Sickle Cell Anemia.
6. An extensive screening and awareness programme for Glucose-6 phosphate dehydrogenase deficiency in the society was organized.
7. Screening and mass awareness programme for prevention of anemia was organized.
8. An extensive programme for environmental awareness was organized.
9. An extensive service to worse affected kidney problem in the population of Supebeda of Gariyaband district was organized.
10. An extensive extension programme for genomic analysis for three important diseases of our society, namely- Kidney problem, Immunological problem and Monogenetic problem have been carried out.
11. Extensive services for rural women related to malnutrition (specially about anaemia), sexually transmitted diseases and about maintenance of menstrual hygiene was organized.
12. Special drive has been launched for villagers related to Nasha Mukti.
13. We have adopted a village Thanod nearly 25 kilometers away from college headquarter. Our all units viz. NSS, NCC, women cell, sickle cell unit, Youth Red Cross society etc. are actively organizing related programs, besides some specific programs of various departments. We have organized several awareness on pandemic of COVID-19 and Dengue and Swachhata program.
14. In a calamity of COVID -19, we have spared our hostel to run special COVID CARE center and

have contributed physically as well as monetarily.

15. We are running one vaccine center for COVID-19 with the help of an NGO, which is still functional.

16. Our Chhattisgarh state is Naxalite affected area in Bastar region and several youths have lost their parents. Our government has taken care of such sufferers and has provided them shelter, meal, health and education support under the Vigyan Vikas Kendra Durg . We are proud that several faculties of our college have extended their services to such students for free education and guidance. We have opened our classes, laboratory facilities and library support for students of Vigyan Vikas Kendra, free of cost.

17. Our all undergraduate students have to bear 20 hours of environmental assessment and interpretation including social services related to environmental problem as an extension service.

18. Women cell organizes programmes for self defence for girls, viz. training of Karate, use and significance of sanitary pads, training to recognize sexual appeal by male.

19. We provide psychological counselling to the COVID sufferers.

File Description	Document
Upload Any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response: 128

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

2020-21	2019-20	2018-19	2017-18	2016-17
46	39	12	19	12

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)
e-copy of the award letters	[View Document](#)
Any additional information	[View Document](#)

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 276

3.6.3.1 **Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
71	48	42	59	56

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)
Any additional information	[View Document](#)

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 70.8

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
3862	3425	3489	4342	4034

File Description	Document
Reports of the event	[View Document](#)
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document](#)
Any additional information	[View Document](#)

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 34.2

3.7.1.1 **Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**

2020-21	2019-20	2018-19	2017-18	2016-17
60	39	22	25	25

File Description	Document
Number of Collaborative activities for research, faculty etc	[View Document](#)
Copies of collaboration	[View Document](#)
Any additional information	[View Document](#)

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 103

3.7.2.1 **Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
54	30	8	6	5

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	[View Document](#)
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	[View Document](#)
Any additional information	[View Document](#)

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:

The College has a well-defined policy for the creation and enhancement of infrastructural facilities to facilitate students with several classrooms, updated laboratories, 03 computer labs with LAN, ICT based classrooms, seminar halls, conference halls, auditorium, library, playground, canteen, cycle stand for students, parking stand for faculty and staff, girls and boys hostels. The institute ensures adequate availability of physical infrastructure in the form of equipment, books, ICT facilities, consumables, furniture, and teaching aids. The future requirement is identified to upgrade and improve infrastructure facilities. New Autonomous building is constructed from Janbhagidari fund, the block B of the building has 14 new rooms where 08 rooms are constructed from RUSA fund and 06 from the State government fund of Higher Education. The New Commerce building is under construction.

For safety measures, a barrier is fixed at the main entrance with a guard. Fire extinguishers are in all the labs and each block of the building including the Central Library for safety purposes. CCTV cameras are available in labs and each passage of the building, Block A and Block B, and the library. Toilets are available in each block of the building. A wheelchair, a walking(cane) stick for the visually impaired, Non-Visual Desktop Access software for the visually impaired, braille books, and separate toilets are available for differently-abled students including ramps for easy access. The campus is Wi-Fi enabled to access the Internet facilities.

 The Infrastructural Facilities comprise:

- **Campus Area** –21.75 Acre,   Built-up Area - (56079.00 Sqm.)
- **Class Room -** There are 66 well-ventilated classrooms with sufficient seating capacity and proper electrification.
- **Seminar Halls** - 08   (a) *Tagore* Hall (b) Main Auditorium (c) *Swami Vivekanand* Audio-Visual Hall (d) Conference Room (e) Autonomous Hall (f) New Meeting Hall (g) *Gajanan Madhav Muktibodh* Seminar Hall (h) Golden Jubilee Auditorium. (under construction)
- **Laboratories -** 23 Undergraduate and Post Graduate labs. 15 Research-Labs.
- **Department wise no. of Labs:** Physics – 03, Chemistry – 04, Biotechnology -04, Geology – 01, Microbiology- 01, Zoology – 01, Botany – 01, Computer labs: 03 Mathematical Computational Labs:01, Central Instrumentation Lab for Research work – 01, Commerce Lab.: 01, Language lab: 01, Psychology Lab-01
- **Hostel- 03**   Boys- 2 (A). *Azad* Hostel-50 seater (B) *Subhash Chandra Bose* Hostel -100 seater Girls -1 (A*) Mini Mata Kanya* Hostel -50
- **LCD facilities** -23 Classrooms, Seminar Halls-08, Smart Class Rooms -10
- **Auditorium-** With 350 seats is available and the other is under construction with 1000 seats.
- **Staff Room** – Each department has its own staff room. One common Staff Room with basic facilities
- **Indoor Sports Complex and Yoga Hall**
- **Administrative Section** – 04 i)Establishment section ii) Student Welfare Section iii) Account

section iv) Computer Section

- **Autonomous Block-** i) 03 rooms and 01 strong room with all facilities and security system ii) Separate room for Controller of Examination iii) Examination Control Room iv) Meeting Hall v) Seminar Hall
- **UGC Cell and IQAC** –To perform routine UGC activities and IQAC activities
- **Career Counseling & Placement Cell –** Helps the students to groom their personalities and enhance their skills in choosing their careers and coordinates with employers for recruitment/ placement.
- **Information and Help Desk**
- **Commerce Building ((under construction)**

File Description	Document
Upload Any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response:

The Govt. VYT P.G. Autonomous College,Durg provides adequate facilities for holistic development of students in the fields of Cultural, Yoga and Sports activities.

Cultural Activities:

The College **Cultural Committee, Film society, Literary committee, Drama committee, Quiz committee etc., and Youth Festival Committee** motivate the students to participate in various cultural activities like dance, singing, public speaking skills and anchoring etc. Competitions like dance, drama, debate, creative writing, singing, *rangoli, Mehandi*, salad decoration, flower decoration, cooking, poster making competitions etc. are organized every year at the time of **Annual Social Gathering and Youth Festivals.**Students are motivated to participate in cultural events organized during the *Rajyotsav* by the district/state authorities, as well as by other institutions. Selected students have represented the college at the University / State/ National level competitions in the Youth Festival.The institute observes and celebrates **National and Regional** days like *Hareli, Aadiwasidiwas* and commemorates birthdays of great scientists, writers and personalities like **Mahatma Gandhi, Swami Vivekananda, Sardar Vallabhbhai Patel etc.**

1. **Infrastructural Facilities for Cultural Activities** -

	Name of Auditorium	Area(Sq.Mt.)	Seating Capacity	Year of Establis
1	*Tagore* Hall	176.58 sq.mt.	250	2014
2	**Main Auditorium**	208 sq.mt.	350	1962

3	*Swami Vivekanand* **Audio-Visual Hall**	**67.2 sq.mt.**	**80**	**2008**
4	**Conference Room**	**64.8 sq.mt.**	**50**	**2017**
5	**Autonomous Hall**	**319.8 sq.mt.**	**250**	**2020-21**
6	**New Conference Hall**	**84 sq.mt.**	**350**	**2020-21**
7	**Two Open Air Theatres**	**819 sq.mt.** **1800 sq.mt.**	**500-1000**	**1962** **2020**
8	**New Auditorium (Golden Jubilee)**	**1081 sq.mt.**	**1000**	**2020**

The Yoga Training Centre is also functioning in the college, having training sessions from 8 AM to 10 AM, and trains **25** students on an average every day. Special sessions are organized every week with *Heartfulness Yoga* virtually for all teaching/non-teaching staff, students and public since Covid-19 pandemic. The International Yoga day is observed and celebrated every year on 22nd June since 2014.

Sports Activities:

The **Sports department** focuses to promote **indoor and outdoor** games and plays a vital role for the overall grooming of student life on campus. The college provides a variety of sports facilities both indoor as well as outdoor games i.e. **Badminton, Basket Ball, Cricket, Hockey, Table Tennis, Chess, Carom, Volleyball, Kho-Kho, Kabbaddi** and various games. The College offers multiple facilities on campus that caters to the physical fitness of students. There is **Volley Ball Court, Basket Ball Court, Indoor Badminton Hall, Table Tennis hall and spacious playground** for **athletics**. A **Fitness Centre (Gymnasium)** is available for the staff and students.

Facilities for Sport Activities:

	Number of Ground/Court	**Area (Sq.Mt.)**	**Number of Users/day**	**Year of Establis**
1	**01-Indoor Badminton Court**	**81.74 sq.mt.**	**15**	**2019**
2	**03-Outdoor Badminton Court**	**81.74 sq.mt.**	**18**	**1965**
3	**01-Basket Ball Ground**	**430 sq.mt.**	**20**	**1965**
4	**01-Football Ground**	**6000 sq.mt.**	**30**	**1968**
5	**02-Volley Ball Ground**	**170 sq.mt.**	**25**	**1982**
6	**01-Cricket Ground**	**5000 sq.mt.**	**25**	**1990**
7	**01-Hockey Ground**	**6000 sq.mt.**	**18**	**1986**
8	**02-Kabbaddi Ground**	**130 sq.mt.**	**30**	**1968**
9	**01-Kho Kho Ground**	**464 sq.mt.**	**25**	**1968**
10	**01-Indoor Table-Tennis Court**	**25 sq.mt.**	**15**	**1980**
11	**01-Yoga & Meditation Hall**	**1250 sq.mt.**	**20**	**2020**
12	**01-Gymnasium**	**2500 sq.mt.**	**12**	**2020**
13	**01-Lawn Tennis Court**	**270 sq.mt.**	**06**	**2020**

File Description	Document
Upload any additional information	View Document
Geotagged pictures	View Document
Paste link for additional information	View Document

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: 100

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

Response: 73

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 33.22

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
111.17	300.10	31.58	127.55	55.97

File Description	Document
Upload Details of Expenditure , excluding salary during the last five years	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document
Link for any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

The Central Library located on the campus is spacious, well ventilated, and is equipped with one lakh four thousand one hundred nine collections of books, reference books, theses, monographs, back volumes of journals, **audio-visuals, and CDs of offline e-resources**. The Reading room is available in the Main Library. The library is **fully automated** with **Integrated Library Management System & RFID software** gives a user-friendly interface for searching resources in the library along with its position and availability status.

The RFID technology serves the following tasks:

- Self-check-in /Self-check-out of books
- Self-check-in and Self-check-out kiosks installed in the Library
- Anti-theft RFID gate
- Circulation of books through RFID system
- Stock Verification of books through RFID system and software
- Printing, Bar-coding and Tagging of RFID Library cum Identity Card in Technical Section of Library
- RFID tagging and Bar-coding of books in Library

The Library has **Web-OPAC** for providing remote access to its repertoire of textual resources. **E-library is for public access.**

- Nature of automation – Fully Automated
- Server Version: Core i5
- Year of Automation: 2007 (via SOUL2.0)
- Name of the ILMS software: SOUL 1.0, SOUL 2.0, K-smart, LIBSYS Middleware Application software, RFID Library Management system
- Drillbit Plagiarism Detection Software
- Multilingual interface is executed through SOUL2.0 (ISM)

Library Website and Links:

- e-Library Website http:/www.elibrarysciencecollegedurg.ac.in/
- Institutional repository https://ir.govtsciencecollegedurg.ac.in/
- E-public library https://epls.govtsciencecollegedurg.ac.in/

File Description	Document
Upload any additional information	[View Document](#)
Paste Link for additional information	[View Document](#)

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	[View Document](#)

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: 3.56

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)**

2020-21	2019-20	2018-19	2017-18	2016-17
5.55	1.31	1.92	4.24	4.80

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	[View Document](#)
Audited statements of accounts	[View Document](#)
Any additional information	[View Document](#)

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

Response: 5.95

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

Response: 430

File Description	Document
Details of library usage by teachers and students	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

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

Response:

The Govt. V.Y.T. PG Autonomous College has an IT policy covering Wi-Fi and Cyber security and is positive in providing the state-of-art IT infrastructure with periodic assessment of the efficacy of existing facilities.

The IT Policy

The IT Policy and its implementation comprise IT-related equipment, computing system, software and hardware facilities, and Wi-Fi, Cyber Security, etc. The Policy exists to maintain, secure, and ensure the legal and appropriate use and up-gradation of IT infrastructure, set standards and procedures for cyber security, and budget policy. IT requirements are raised by various departments for the subsequent academic year with regard to the upgrade and purchase of existing/new computing facilities and services.

Softwares

The organization follows the Software Policy and usage instructions provided in the IT Policy. The institute is using software for meeting different academic requirements of the college which are as follows:

- Licensing of software as and when recommended by competent committees.
- The institution has **Licensed Software** viz. **MS-Office-2019 Professional Plus, Windows 10** Operating System, **Tally ERP-9, Photoshop CC2019, WORDS WORTH** Software (Language Lab), **Drillbit** (Plagiarism Detection Software) Antivirus **Quick Heal pro,** Software for **Divyangjans Ease and Saftey.** Similarly, **the Open-Source Software** includes **SQL Server, Python, Dot Net Software, LINUX-OS, JAVA Programming Language and C, C+, C++ LANGUAGE, LATEX** (Mathematics Department**.)**

The Central Library is fully automated and has Integrated Library Management System & RFID software.

- **Web-OPAC** facilities are available.
- Name of the **ILMS software: SOUL 1.0, SOUL 2.0, K-smart, LIBSYS Middleware Application software, RFID Library Management system.**

- **M**ultilingual interface is executed through **SOUL2.0 (ISM)**

ICT Facility

- The college added **10 Smart Classrooms** equipped with **Interactive Flat Panel**, **Interactive boards & LCD projectors**.
- The College has **23 Network connections** covering 21 departments and all classrooms across the Campus.
- **Group SMS was procured (10000 SMS) in 2016** and is renewed every year**.** A constant upgradation is done in the internet access and campus network to provide more Internet bandwidth lines upgraded to **100 Mbps**. **The College Website** is maintained by the College **Web Committee**.
- During **Covid-19 Pandemic** the classes were taken at the Divisional Level as per the instructions from the Department of Higher Education, Chhattisgarh. Media Center and Recording Rooms were installed and e-content prepared for UG were uploaded on **CG Portal** and on **OCM (Online Course Material**) of the college website. Similarly, e-content for PG was uploaded on the **University Portal and OCM** of college website. The Professors were assigned to take online classes, live lectures, prepare and send e-content for the students of both UG and PG through Teach-mint /Google-Suite/Zoom/Google-meet/Web-ex /Microsoft etc.

- The institute also organized Webinars both National and International, Faculty Development Programs, Workshops, Cultural Activities, Competitions etc. on various platforms during Pandemic as well as after lockdown.

Security:

1. To maintain the security, **Antivirus** is installed in every PC for one year & then renewed.

2. SSL (Server Security Layer) enable website to provide high-end security for users and visitors.

3. Firewall-enabled server keeps the data highly protected on the website.

PFMS (Public Financial Management System):

The College is registered for PFMS and all transactions under Government funding are made through PFMS.

- Data of all teaching and non-teaching staff has been digitalized.
- Salary is credited through e-pay roll facility provided by the Government of Chhattisgarh.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response: 25:1

File Description	Document
Upload any additional information	[View Document](#)
Student - computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution.

Response: ?50 MBPS

File Description	Document
Upload any additional information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.4 Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing equipments and softwares for editing**

Response: A. All of the above

File Description	Document
Upload Additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 58.55

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

2020-21	2019-20	2018-19	2017-18	2016-17
166.46	232.21	198.16	133.34	223.32

File Description	Document
Upload any additional information	[View Document](#)
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)
Audited statements of accounts	[View Document](#)

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:

Maintenance of Physical, Academic, and support facilities –

The College regularly strives to meet the growing needs of the students with distinctive plans and specific policies for the maintenance of the facilities available. Regular maintenance and periodic replenishment of infrastructure are done by the Institute. Sufficient resources are allocated for regular upkeep of the infrastructure with an effective mechanism to promote the optimum use of its infrastructure.

Utilization of Facilities:

The optimum utilization of classrooms is ensured through the functioning of the college in two shifts one from 7.30 to 2.30 and the other from 10.30 to 5.30 PM. The Time Table committee forms the general timetable to accommodate all the students in their theory and practical classes without overlaps and makes sure that all the labs, classrooms, and lecture theatres remain occupied during college hours. The college ensures the maximum utilization of resources. The events of the college like cultural activities, oath-taking ceremonies, debates, etc. are organized in the main auditorium, two open-air theatres, and three A.C. halls. The auditoriums are permitted only for institutional events.

Utilization of Academic Facilities:

The principal investigator of various Major, Minor research projects of Science departments has research labs well equipped with necessary instruments. The Research scholars and PG students make the best use of research laboratories. During the organization of the *INSPIRE* Event, selected meritorious students from nearby schools as well as from other districts make the best use of college research laboratories. Also, the students of Science stream of various Govt. Schools of the Durg district annually visit and utilize the facilities of college labs. The teachers, students, and scholars of other institutes are permitted to utilize the resources of the labs on payment of consultancy charges and some are permitted without charges. The Central Instrumentation laboratory is equipped with high-quality research instruments and is available for the faculty members, research scholars, and PG students of the Science

departments. The Computer laboratory is effectively used by the students of BCA, IT, CS, and PGDCA and they are permitted to use the lab equally for their project works.

The English Language Lab has been upgraded with the latest software to enhance the communication skills of students. The Commerce lab of the Commerce department benefits the students of commerce to practice their theoretical knowledge acquired in the classroom. The Sanskrit Lab is established for enhancing the Sanskrit communication skills of the students of Sanskrit.

Electrical and Water sources:

The electricians of the college consistently maintain electrical wirings, switches, and other electrical equipment. The RO water purifiers are well maintained. The plumber helps to maintain the rainwater harvesting systems, water taps, leakage pipelines, etc. and cleaning water tanks. An annual maintenance facility is available for some sophisticated research equipment. To save electricity, Solar Panels have been installed for solar energy.

Surveillance & Safety Security

The entire campus is under surveillance with 32 cameras with an overall viewing facility at the principal office. 15 cameras are installed in the hostels. A barrier is fixed at the main entrance with a guard. Fire extinguishers are fixed in the labs and each passage of the building including the Main Library for security purposes.

Sports

The sports department provides training to students in playgrounds. Playgrounds are shared with government schools and other institutions. All this sharing ensures the optimal utilization of the resources.

Computer Facility

The Inclusive IT policy of the college is to support and facilitate all functions of the college providing Wi-Fi, database management, and recovery techniques along with necessary software that is updated for better performance. The lab assistants maintain the efficiency of the computers and related accessories in the labs. Proper inspection is done and verification of stock takes place at the end of the year.

Library

The Central library of the college remains open for nine hours per day. It functions during winter and summer vacations and students can access library resources on all these days. Each PG department is equipped with the departmental library which is widely used by the faculty of the department and all PG students.

The Librarian and his team look after the maintenance of the library. The annual stock of books, shelves, computers, and other belongings is monitored and maintained in the library stock register. The Library Committee ensures to maintain the maximum functioning and improvement of facilities provided by the library to different stakeholders. Regular assessment of IT facilities and for up-gradation and maintenance is done. The pest control process is done periodically to protect the books from termites and fungi.

Online Public Access Catalogue (OPAC) utilization

The Central Library is computerized through **SOUL SOFTWARE of INFLIBNET**. The **OPAC** module provides facilities for users to search books. The users search a library catalog principally to locate books and other materials available in the library. The users can reserve books by this facility. There are four computer cabinets available for the **OPAC** facility for users in the Library reading room.

Utilization Policy

A general plan has been made to ensure the optimum use and utilization of the academic resources for the benefit of students. General TimeTable is prepared every year before the commencement of the session by the Time Table Committee.

- Need-based repairing and services are periodically carried out.
- Technical & Wi-Fi committee resolve the network issue.

Cleanliness

The general cleaning work is done, supervised, and monitored by the staff in charge of the Cleanness Committee. There are adequate dustbins available on campus.

Infrastructure Supporting System for Physically Challenged Students

The institute has created many infrastructural support systems to meet the requirements of differently-abled students such as -

- Ramps are available in each block of the building and the library.
- Wheelchair is available.
- Braille books are available for visually impaired students.
- Special furniture and earphones are provided to the hearing impaired.
- Toilets are available.
- Class IV employees are available for assistance.
- The seating arrangement is made on the ground floor during examinations.

Residential requirements of students

The college provides 02 hostels for Boys, one with 100 seats and the other with 50 seats, a Girls hostel with 50 seats, Mess, recreation hall, TV, computers, a sports ground, and a Wi-Fi system.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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: 61.79

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
4069	3763	3160	2997	3083

File Description	Document
upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

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

Response: 3.86

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
1200	36	29	30	30

File Description	Document
Upload any additional information	<u>View Document</u>
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	<u>View Document</u>
Institutional data in prescribed format	<u>View Document</u>

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Details of capability enhancement and development schemes	<u>View Document</u>
Any additional information	<u>View Document</u>
Link to Institutional website	<u>View Document</u>

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 42.42

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**

2020-21	2019-20	2018-19	2017-18	2016-17
7163	2685	1078	1156	988

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<u>View Document</u>
Any additional information	<u>View Document</u>

5.1.5 The institution adopts the following for 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	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 4.82

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
210	63	47	69	39

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch).

Response: 57.37

5.2.2.1 **Number of outgoing student progressing to higher education.**

Response: 1277

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Details of student progression to higher education	[View Document](#)
Any additional information	[View Document](#)

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.)

Response: 80.78

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**

2020-21	2019-20	2018-19	2017-18	2016-17
99	73	134	84	18

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

2020-21	2019-20	2018-19	2017-18	2016-17
113	85	163	103	27

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years	[View Document](#)
Any additional information	[View Document](#)

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: 108

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

2020-21	2019-20	2018-19	2017-18	2016-17
29	44	09	15	11

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	[View Document]
e-copies of award letters and certificates	[View Document]
Any additional information	[View Document]

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution Response:

Response

The institution facilitates students' representation and engagement in various academic, administrative and co-curricular activities through a Student Union Body that is elected/ nominated annually by active participation of all students. Encouraging students' participation in administrative, academic, and extracurricular activities, facilitates developing various skills and competencies and foster holistic development.

Students Union:

- The college has a committed Student Union. Principal is the patron of this body and a professor in charge monitors and looks into the affairs.
- The Student Union Committee of the college organises the Students Union election/ nomination every year as per ordinance issued by the state government. Election was held in 2016-17, in later years union was formed through nomination on merit basis as per government directives.

- The executive council of the union comprises a President, Vice-President, Secretary and Joint Secretary. They are assisted by Class Representatives (CR). As per the ordinance there are reservations for girls in the executive office bearers and class representatives.
- The Student Union is strictly an apolitical body and acts as representative of students during the session. The most relevant aspects of the union are bridging the gap between students and the administration.
- Student Societies like Cultural Society, Social Work Society,Science Club,Sports Society and Society on Gender Issues are effectively managed by the eleceted office bearers.
- The union is supported by amalgamated funding by various sources available to the college.

Administrative and Academic Responsibilities

Besides representation in the Students' Union, student representatives in various committees like IQAC, BOS etc. contribute in fulfilling administrative and academic responsibilities.

Departmental Societies

Student societies in each department have elected/ nominated students as office bearers who coordinate with the teachers and students and assist the department in promoting academic and extracurricular activities.

Participation in Co-curricular and Extracurricular Activities

- Students are actively involved in various societies and participate in several inter-college/ university contests that provide them with an opportunity to showcase their talents in music, dance, debating, dramatics, painting, photography etc.
- The annual day celebrations and annual sports day are conducted by the Student Union.
- Students are also actively engaged in workshops on self-defence and soft skills enhancement. Their participation in workshops on 'Creating Archaeological Replica' and 'Dhokra Art Training' has acquainted them with the rich cultural heritage of India and particularly the tribal art of Chhattisgarh.
- Students are also engaged in activities that foster the spirit of community responsibility. NCC, NSS and Red Cross units of the college have been actively involved in organising community welfare activities like social health awareness drives, cleanliness drives, health check-up and blood donation camps and also by donating books and clothes to the needy.
- They also participate in programmes like visits to biodiversity parks and historical sites.
- Due to the ongoing pandemic student union was not formed in the session 2020-21. However, departmental societies, NCC, NSS, Red Cross, and Women's Cell of the college were extensively engaged in awareness campaigns on COVID-19 through documentaries and provided masks to the needy. Vaccination drive was also carried out in the college by the NSS wing.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 72.2

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
56	85	69	75	76

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Number of sports and cultural events / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

The college has a registered Alumni Association. Alumni engagement initiatives provide real-world connection to the college.As one of the primary stakeholders of the college they have gone a long way in nurturing long-term progress of the college and its students. They contribute significantly to the overall development of the institute through financial and non-financial support. The association, which comprises eminent politicians,industrialists, businessmen and professionals, is integrally involved and strives towards academic growth of the college. The alumni offer extensive student support in ways that enhance the skills of students.

The illustrious members of the alumni play a key role in:

Academic collaborations

Training and development

Grant of scholarships

Donation of books and study materials

Infrastructure development

Administrative support

Societal contributions

Cultural activities

The most notable involvement of the alumni is by contributing their time in activities of the college and mentoring students. The members of the association are actively involved in organising endowment lectures to give students a broader perspective of their subject. The alumni through interactive sessions share their experiences and guide them on focusing their efforts towards getting better placement and career.

As many of the alumni are entrepreneurs or well established in the private and public sector, the college relies on them for creating career opportunities and internships for its students.Their involvement has been very fruitful in tracking students' career progression. The alumni are active participants in curriculum development and faculty enrichment programmes as well. Their inputs are very significant in quality enhancements.

The alumni association has instituted scholarships and gold medals to meritorious students of the institute. Gold medals and cash prizes are awarded on the Annual Function Day of the college every year. Financially weak students also get assistance to meet their education expenses.

Contribution of the alumni in the form of donation of books and study materials has not only profited the students but also enriched the college and departmental library. Besides books, a TV was also donated for the members of the Geology department.

Infrastructure development is another area of their active involvement. They have also helped in providing new learning resources . As members of the Janbhagidari committee of the college they also give their inputs on internal administrative policies. Through the efforts of alumni Shri Arun Vora, MLA Durg, the college procured Rs.22 lakhs through DMF fund for water supply system.

Committed to making students responsible citizens, the association is instrumental in organising a number of Awareness campaigns and health checkup programmes in association with NSS, NCC and YRC units of the college.

Aiming at allround holistic development of the students the association is also actively involved in the Annual Cultural Day celebrations of the college.

Owing to the pandemic in the year 2020, there was no in person alumni gathering. However, virtual alumni meets were organised by various departments to keep the alumni updated about the latest developments of the institute.

The college has generated Rs 1,920,598.00 lakhs through the Alumni association.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.4.2 Alumni financial contribution during the last five years (in INR).

Response: A. ? 15 Lakhs

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Response:

VISION OF THE INSTITUTION

The Emblem and Motto

To empower the youth with global competence through quality education and skill development, while simultaneously inculcating humanistic values and scientific temper thereby enabling them to cope with the changing complex world.

MISSION OF THE INSTITUTION

विद्ययाऽमृतमश्नुते

To translate the vision into reality the institution is committed to-

- Provide an integrated and multi-disciplinary education that can help students discover their true potential.
- Expose students to an array of academic and extra-academic activities for their all-around growth.
- Inculcate humanistic and social values in the students to motivate them towards community services.
- Kindle the entrepreneurial spirit in students.
- Inspire young minds to develop the habit of critical thinking to achieve Creative Excellence.
- Promote quality research among the teachers and the students for the progress of society at large.
- Sensitize the students on issues relating to ecology, environment, human rights and gender equality.

- Foster global competencies.

The college has been striving to provide quality education to the students of diverse sections of society by focusing on academics, project-based learning, internship & training, skill development, employability, gender sensitization, professional ethics, environment and sustainability, thus transforming them into responsible citizens. Time frame strategic plans for five & ten years have been drafted for the attainment of Vision through Mission in the IQAC composition meetings. In this endeavour the college has successfully planned and implemented the following:

Five Year Plan

Academics

- Updation of the curriculum.
- Introduction of value-added courses, certificate & diploma course.
- Outreach and extension activities.
- Promote interdepartmental teaching.

Administration

- Professional development of teaching and non-teaching staff.
- Organize stress management programmes for teaching and non-teaching staff.

Research

- Increase in research and research facility.
- Motivation for Patents.
- Promote inter-disciplinary research.
- Collaborations and MoUs with reputed national and international institutes, laboratories and agencies.

Infrastructure

- Automation and digitization of Library, Autonomous cell and Classrooms.
- Augmentation of infrastructure.
- Technical up-gradation of English language lab., Computer lab. and other scientific labs.
- Construction of new hostel for college boys and girls.
- Establishment of a new Autonomous block & well-equipped gymnasium.
- Updation of college playground.
- Setting up stationery shop & medical consultation room.

Student Support & Welfare

- Generate placement opportunities.

- Organise Composite Safety Training Programmes.
- Strengthening Alumni Association.
- Organize stress management programmes.

Vision 2025

Academics

- Scaling up the curriculum to ensure skill development and employability.
- Introducing new value-added, certificate and diploma courses.
- Implementation of Choice Based Credit System and Academic Bank Credit as per NEP.

Research

- Qualitative and quantitative increase in research activity and facility.
- Promote interdepartmental teaching & interdisciplinary research.
- Growth and expansion of collaborations and MoUs with reputed institutions and govt. and non-govt. agencies.

Infrastructure

- Infrastructure development.
- Automation and digitalization of academic and administrative domains.
- Construction of new classrooms.
- Updation of gymnasium.
- Provision for proctored online examination.

Administration

- Attain NIRF status.
- Promote entrepreneurial skills and establish an incubation centre.
- Organize activities on Intellectual Property Rights.

System of Governance

The college administration headed by the Principal works for the effective implementation of the plans in tune with the Vision and Mission statement of the college.
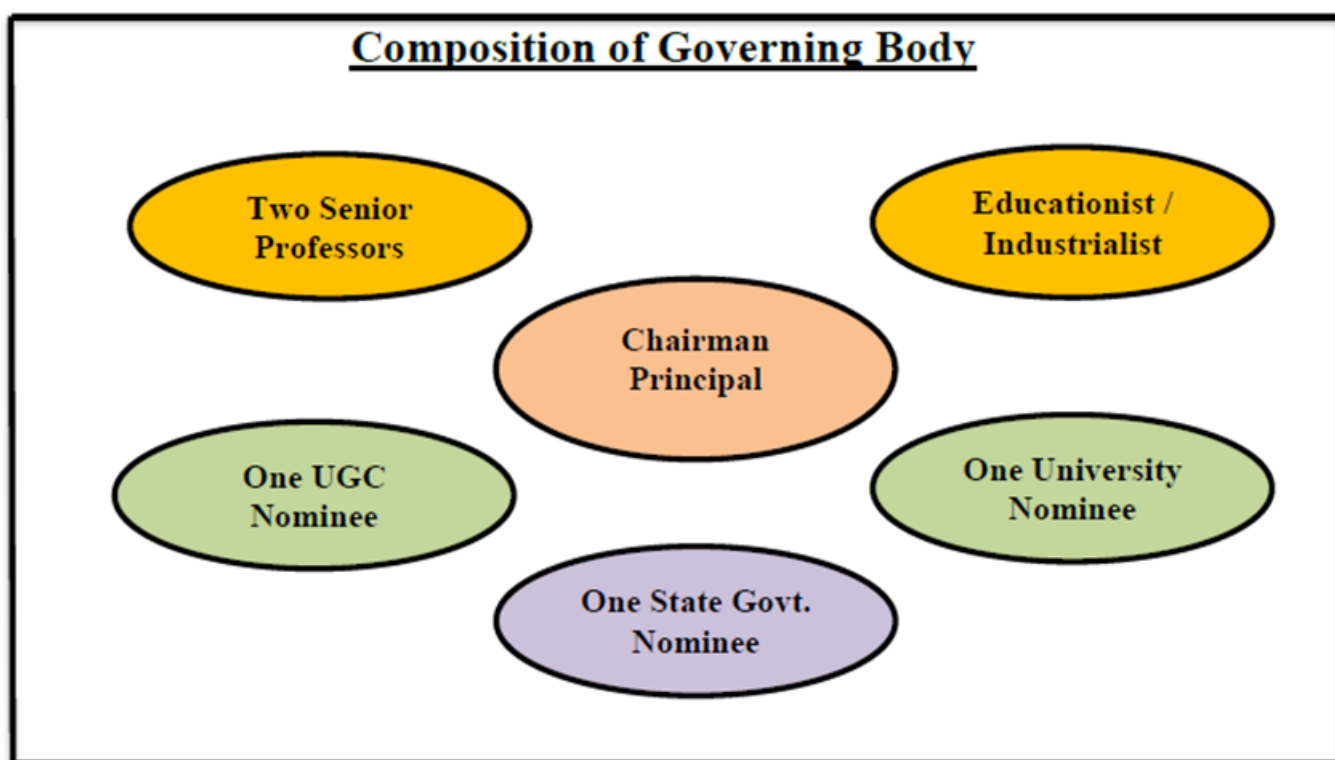
Composition of Governing Body

Two Senior Professors

Educationist / Industrialist

Chairman Principal

One UGC Nominee

One University Nominee

One State Govt. Nominee

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

The mechanism of decentralization and participative approach is adopted in all domains viz. teaching, learning, evaluation, research, co-curricular activities, and administration to facilitate smooth functioning and fulfillment of the institutional vision and mission. The organizational structure headed by the Principal encompasses Faculty in Charge (Arts, Science, and Commerce) Heads of the Department, Convenors, a team of dedicated teachers, eminent industrialists, alumni, student representatives, and parents. The principal as an academic and administrative head plays a vital role in the governance of policies and their implementation. The Heads of the Departments are authorized to conduct all the activities of their respective departments in coordination with the Principal. Various committees and cells viz. Governing Body, Academic Council, IQAC, BOS, Autonomy Cell, UGC Cell, CASH, Career Guidance Cell, Library Committee, Research Committee, Grievance Redressal Cell, Anti-ragging Committee, Equal Opportunity Cell, etc. are constituted through a well-defined system and are guided by the Policies/Guidelines/Manuals as a procedure of protocol in their functioning SC/ST/OBC/Minority cell work for the welfare of the students of these communities.

Periodic meetings are held by the Principal with HODs, Staff members, and Convenors of all committees

to ensure active participation and implementation of decisions. The Student Union and Student Representatives of the college have the scope and liberty of sharing their views and opinions on various co-curricular, curricular and extracurricular issues. PTA and PTSA of the college ensure the participatory involvement of the parents in college activities. Involvement of the Alumni ensures transparency and provides them an opportunity to serve their alma mater. The college website highlights the major achievements of the institution and is constantly in tune with society.

The following academic,extra-academic, and administrative committees, grouped as Planning and Development Committees (52)and Student Support Committees (29)are guided by Policies/Manuals and are operational in the institution to implement various activities which are part of the strategic plan.

PLANNING & DEVELOPMENT COMMITTEES

ADMISSION COMMITTEE	TIME TABLE COMMITTEE	WEBSITE COMMITTEE	TRAINING AND PLACEMENT	RUSA	RESEARCH
JANBHAGIDARI	RTI	MEDIA	INCOME TAX/PENSION	TIMELINE AND DISTRICT ELECTION OFFICE	
PURCHASE COMMITTEE	IQAC	SELF FINANCING	COUNSELLING	ALL INDIA HIGHER EDUCATION SURVEY	
WOMAN CELL	DISCIPLINE	CLEANLINESS	INTERNAL / MODEL EXAM	TEACHING - NON TEACHING WELFARE	
PTSA	AMALGAMATED FUND	VISHAKHA	ALUMNI	MEDITATION STRESS MANAGEMENT	ANTI RAGGING
AUTONOMOUS CELL	UGC	PARKING	INFRASTRUCTURE	INTERNAL AUDIT	
PURCHASE	GST	AMALGAMATED FUND	IGNOU	PFMS	OBC CELL
EQUAL OPPORTUNITY CELL	ENVIRONMENT AND GARDEN	RESEARCH JOURNAL	SOCIAL MEDIA	POOR STUDENT FUND	SC/ST CELL
ENVIRONMENT	CHIEF MINISTER KAUSHAL VIKAS YOJANA		RAPID ACTION	CENTRAL INSTRUMENTATION LAB	
GRIEVANCE REDRESSAL AND INTERNAL COMPLAINT	ICT	WRITE OFF	SELF FINANCING	SICKLE CELL COMMITTEE	
	NIRF		MINORITY CELL		

STUDENT SUPPORT COMMITTEE

STUDENT UNION	SWAYAM	YELLOW LINE CAMPAIGN	SCHOLARSHIP
LITERARY AND DRAMA CLUB	ECO CLUB	SPORTS	FILM SOCIETY	SCIENCE CLUB
NCC	NSS	YOUTH REDCROSS	COMMERCE CLUB	ART CLUB
EXTRA CURRICULAR	COLLEGE MAGAZINE	CULTURAL	TRAINING AND PLACEMENT	NPTEL
HOSTEL	DISCIPLINE	LIBRARY	GUIDANCE AND COUNSELLING	MOOC
COMPETITION EXAM PREPARATION	GIRLS COMMON ROOM	EX/PRIVATE PRACTICAL EXAM	ONLINE ADMISSION COMPLAINT REDRESSAL

Case Study

To promote research culture and increase research output, the IQAC suggests to the Principal formulate a policy of sanctioning seed money for the research projects undertaken by the faculty of the college. Subsequently, a research committee, comprising senior subject experts of different streams, was constituted by the Principal for coordinating research activities. The committee generates awareness among faculty and motivates them to research. A notice inviting research projects from the teaching faculty, at the college level is circulated in the college promoting the faculty to make minor and major research projects. Interested faculty submit their research proposal, minor and major, to the convenor of the committee, and on a designated date in the presence of the Vice-Chancellor, the Principal, and the selection committee, a PowerPoint presentation is made by the principal investigator. Accepted proposals are then sanctioned seed money as per the need and requirement.

The research committee also promotes faculty to take up major & minor research projects from institutes of national repute such as BARC, Ministry of Environment and Forestry, UGC New Delhi, UGC CRO, C-COST, DBT & Raza Foundation Society. Before submission, these project proposals are scrutinized by the college research committee to ensure excellence.

This vibrant research atmosphere has also resulted in the filing and granting of Patents to the faculty.

File Description	Document
Any additional informatiom	[View Document](#)
Link for strategic plan and deployment documents on the website	[View Document](#)
Link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The IQAC formulated a strategic plan for the period 2017-2021 in compliance with the NAAC exit report, Academic Audit report, and Vision and Mission of the institution. As envisioned in the plan the college has adopted effective measures to equip the students professionally and at the same time give international exposure to them. The college is regularly putting its determined effort to keep pace with modern requirements in the field of knowledge and the resultant job requirement.Subsequently, to bridge the gap between industry and academia, a detailed line of action is planned and elaborately discussed in the Academic Council, and on attaining concurrence are then incorporated. The strategic plan is deployed only after the meticulous external and internal academic audit conducted by academic experts and the feedback of all the stakeholders

The deployment of the institutional strategic plan has resulted in the introduction of the Diploma, Certificate and Value Added Courses by the departments of the college. These courses give an extra edge to the students by developing their professional skills thereby preparing them to meet the challenges of the outside world. Furthermore, MoUs are signed with many national and international Institutes of acclaim, NGOs, and Industry to give students international exposure and prepare them to meet the challenges nationally and globally and start their enterprises. Experts from the industry are invited to motivate students for entrepreneurship. Guest lectures, Industrial visits, and Extension activities are planned and organized to give students varied aspects of their learning. In an endeavor to train and equip the students to compete in the competitive exams organized at the national and state level, coaching classes for PSC and NET/SET exams which are a prerequisite for recruitment in higher education are organized. The coaching is done by the Placement cell at the central level and by the individual departments. At the central level students are given coaching for general papers whereas the departments guide the students in their respective major papers. The students who get selected in PSC, NET/SET, and other competitive exams are then given coaching to face interviews by way of organizing mock interviews at the central and the department level. For the mock interviews organized centrally, subject experts and other experts are invited from the parent University and other nearby colleges. For the mock interviews organized at the departmental level, an internal committee consisting of one subject expert and experts from other departments of the college is formulated. In the PSC that was conducted by the state for the post of Assistant Professor 76 students and research scholars of the college were selected.

File Description	Document
Any additional information	**View Document**
Link for Strategic Plan and deployment documents on the website	**View Document**
Link for additional information	**View Document**

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

Response:

The college is regularly putting its determined effort to keep pace with modern requirements in every field of knowledge. Following State Govt. and UGC guidelines, new developments and changes in teaching, learning, infrastructure, and technology are practiced for the benefit of the students.

For effective implementation of its policies and strategies, the college has a well-functioning organizational structure. The institution funded by the Government has its hierarchy that involves the Principal, The Governing Body, Teaching Staff, the Non-Teaching Staff, Student Representatives, Student Union, and Students. The top leadership plans, monitors and evaluates the mechanism regarding administrative and academic processes as per UGC guidelines and State Govt. rules.

- **Principal** - The Principal who forms the academic and administrative head of the institution plays a vital role in the governance of the policies, plans, and their implementation.
- **The Governing Body** -The Governing Body, formed In autonomous colleges under rules and ordinances of the UGC and the State Government, monitors and streamlines the policies, decisions and recommendations made by the Principal, the Academic Council, the Finance Committee, HODs, and the faculty for the functioning of all plans and policies. On the recommendations of the Academic Council, it institutes scholarships, medals, prizes, and certificates. It approves new programs, forms committees, and formulates their objectives.
- **Staff Council** -The council takes appropriate measures for the implementation of the strategic plan. It also takes major decisions regarding the day-to-day administrative and academic affairs of the college.
- **IQAC-**The IQAC composition is formed as per the revised NAAC guidelines and coordinates all activities of the college. The leadership in collaboration with IQAC decides the policy statement and action plans to accomplish the stated vision and mission of the institute.
- **Students Union**-The Student Council functions as a bridge between the College administration and the students. The minutes of the council are recorded and follow-up actions are reviewed and placed on record in the next meeting.
- **Board of Studies & Academic Council** -Board of Studies and Academic Council are formed as per UGC guidelines and are involved in Curriculum design, revision, and development.
- **Autonomous Cell**- Autonomous Cell monitored by the Academic Council, conducts internal, semester, and year-end exams. It also monitors medals, scholarships, and freeships given to the students.

- **Non-Statutory Committees and Cells**- The college adopts and practices a participative approach in all its activities. Various committees such as Finance Committee, Admission Committee, Discipline Committee, Anti-Ragging Committee, Grievance Redressal Committee, CASH, have been formed and are active in carrying out their specific tasks.

Service rules, procedures, recruitment, and promotional policies - The teaching and non-teaching staff are governed by the service rules and regulations of the state Higher Education department.UGC guidelines are strictly followed for the appointment and promotion of teaching staff. Chhattisgarh State Government rules are followed for the appointment and promotion of non-teaching staff.
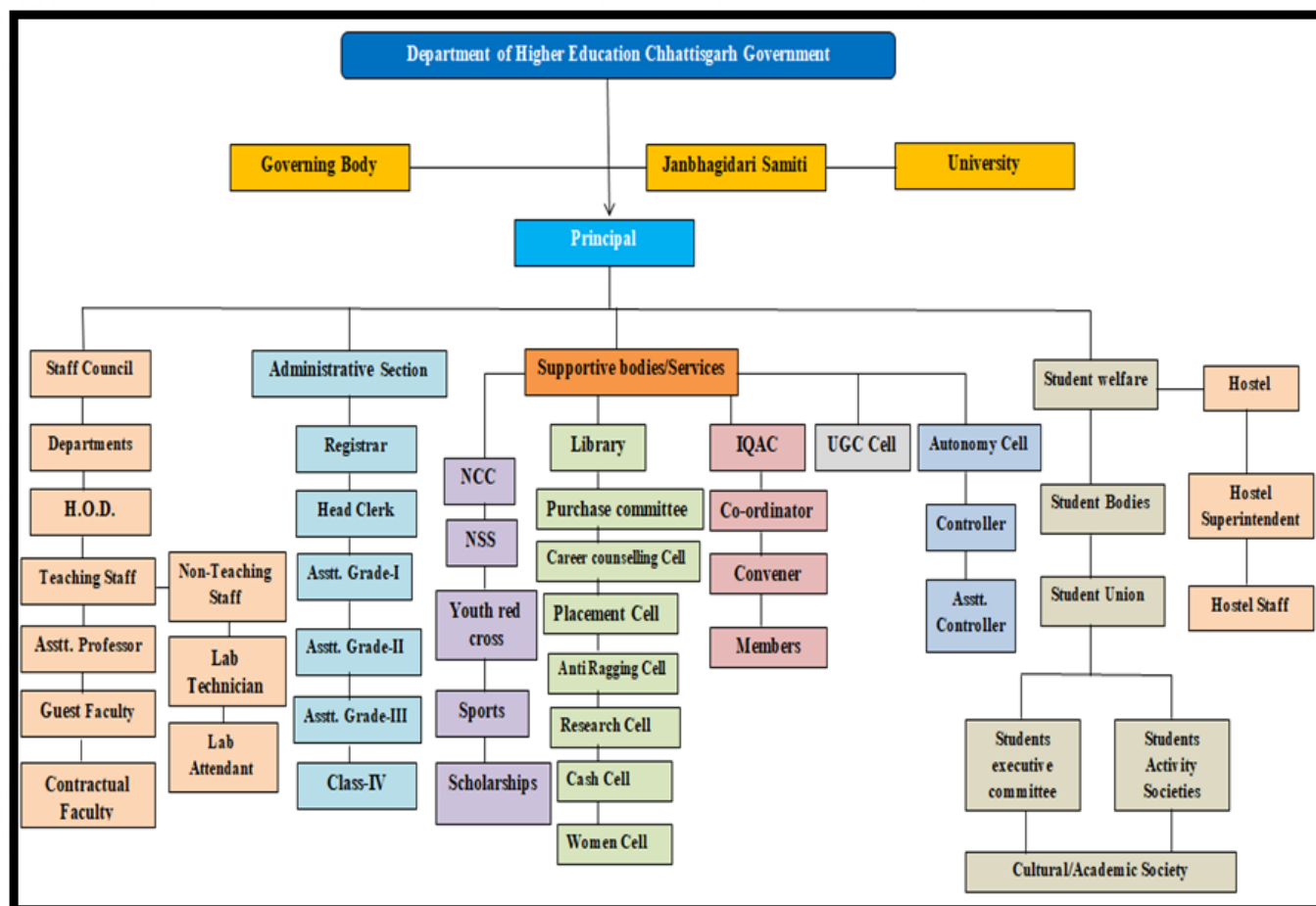
File Description	Document
Any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)
Link for additional information	[View Document](#)

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	[View Document](#)
Institutional data in prescribed format	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

The institution provides a healthy environment which ensures maximum output from the staff and a high degree of job satisfaction of the employees. The welfare schemes availed by the teaching and non-teaching staff as per the state government rules are as follows:

Sr. No.	Name of Welfare Scheme	Beneficiary Teaching Staff	B N
1.	Provision of GPF, GIS, Medical Reimbursement,Temporary Advance or Part Finalagainst GPF	Yes	Y
2.	Dearness Allowance, Travelling Allowance, House Rent Allowance	Yes	Y
3.	Vehicle Allowance	No	Y
4.	Provision of pension for the faculty who joined before 2004	Yes	Y
5.	Post 2004 recruitment avail Contributory Pension Scheme.	Yes	Y
6.	Maternity leave for female faculty members and research scholars upto six month	Yes	Y
7.	Child Care leave for 730 days for all women staff.	Yes	Y
8.	Paternity leave of 15 days	Yes	Y
9.	Concessional medical treatment facilities are available for the staff members and their families within the state and outside the state.	Yes	Y

10	3 tier promotion policy	Yes	N
11.	3 tier time scale salary benefit	No	Y
12.	Gratuity and leave encashment are availed by retiring faculty as per Govt. norms.	Yes	Y
13.	Vacation leave, Casual leave, Earned leave and Medical leave facility	Yes	Y
14.	Leave on other duty (OD) for attending Seminars, Conferences,Workshops,Delivering Lectures and Examination work in other colleges.	Yes	Y
15	Financial support to staff to attend Seminars, Workshops, Conferences and towards membership fees in reputed organizations and Libraries and Seed Money for research work.	Yes	N
16	Free Wifi facility of 100Mbps on campus and Domain email address to all staff members.	Yes	Y
17	ATM facility on campus.	Yes	Y
18	Canteen ,Stationary Shop and Letter Box facility is provided on campus to staff	Yes	Y
19	First aid and Psychosocial Counseling facility.	Yes	Y
20	Alumni Welfare Fund to assist class IV & daily wages workers .Rs 5000/ is given as aid and is interest free	No	Y
21	Yearly increments to all staff.	Yes	Y
22	1% seat reservation for staff.	Yes	Y
23	Teachers Day celebrations.	Yes	N
24	Special washroom and ramp for the disabled.	Yes	Y
25	Reprographic facility.	Yes	Y
26	Gymnasium facility.	Yes	Y
27	R.O.drinking water facility.	Yes	Y
28	Faculty contribution to non teaching staff in case of medical emergency.	No	Y
29	Provision of uniform to class four employees, security guard, support staff and electrician.	No	Y
30	All security equipment to night guard.	No	Y
31	Festival advance for class III & IV employees.	No	Y
32	CCTV cameras installed in the campus security and safety.	Yes	Y

33	Regular yoga and meditation classes	Yes	Y
34	Separate washrooms for male and female staff	Yes	Y
35	Separate parking area is maintained for parking the staff and student vehicle	Yes	Y
36	Jobs on compassionate grounds are given to the family members of the working staff	Yes	Y
37	Tradition of giving farewell on retirement /transfer to the staff.	Yes	Y
38	Staff quarters in the campus.	No	Y

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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: 8.27

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**

2020-21	2019-20	2018-19	2017-18	2016-17
22	06	19	00	00

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

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

Response: 29.2

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**

2020-21	2019-20	2018-19	2017-18	2016-17
83	29	10	07	17

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	[View Document](#)
Reports of Academic Staff College or similar centers	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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: 40.73

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
72	53	32	36	40

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View Document](#)
IQAC report summary	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

In adherence to the guidelines of the state government, the college has been conducting internal and external audits on a regular basis.

Internal Audit

Financial planning and review are done at periodic intervals to maintain transparency in all financial transactions. Internal audit is done by the Financial Committee composed by the Principal that consists of the Registrar, Senior Professors from Commerce and Maths department, and Office Staff. An effective internal audit mechanism assists in the effective function of the institute. The internal audit comprises of Financial Audit (audit of the annual accounts) and a Compliance Audit(audit of transactions). Internal audit works with the office accountant and audit/accounts personnel of the institute. The internal audit is done at two levels: At the first level, it is done on a day-to-day basis by the college Accountants and the Registrar. The Office Accountants checks daily the receipts and payments and maintain their records in the Account Ledger. At the second level, the finance committee along with the Registrarar weekly audits the accounts.

External Audit

The external financial audit is also done at two levels:

At the first level yearly audit is done by the Chartered Accountant.

At the second level, audit is done by the Auditor General and the Department of Higher Education, Chhattisgarh Government as per the schedule.These two audits were conducted in the year 2018.

The external auditors verify the income and expenditure of the institute. Receipt and payment vouchers of all transactions are duly checked by External Auditors after verifying the income and expenditure statements. The objections (if any) raised by the auditors are communicated to the Principal via the college Accountant and are resolved through the proper and legal mechanism. This ensures desirable standards of accountability and credibility of the institution in the use of funds entrusted to it.
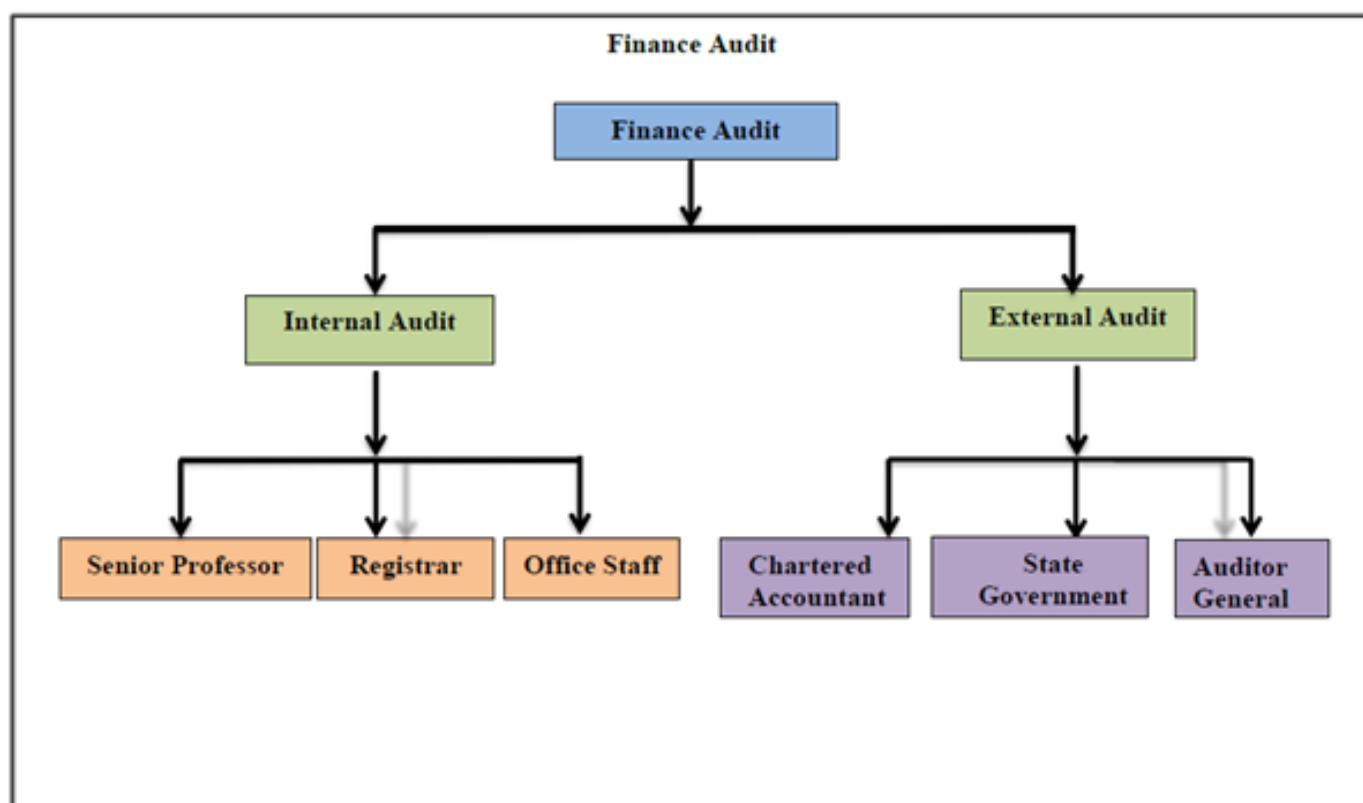
File Description	Document
Any additional information	View Document
Link for additional information	View Document

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

Response: 19.54

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

2020-21	2019-20	2018-19	2017-18	2016-17
4.43676	10.43219	0.17143	00	4.50

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for additional information	[View Document](#)

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 and optimum utilization of funds and resources. Various departments through their Heads place their requirements to Purchase Committee constituted by the Principal.The budgetary provision for academic and administrative activities is planned at the beginning of the financial year by the Purchase Committee under the supervision of the Principal.The Purchase Committee functions in consultation with the Heads of the departments,Library Advisory Committee, Research Committee, Student Welfare Committee,Amalgamated Fund Committee,Red Cross Committee,Sports Committee Infrastructure Committee etc,to formulate strategies for fund mobilization and its optimal utilization.

Central Govt. Funds	State Govt. Funds	Non - Govt Funds
DST FIST,DST Inspire,DBT-STAR fund,RUSA and ICSS	Grant-in-aid for salary	Endowment Awards
UGC CPE I,II,& III,UGC XI &XII	State Govt. Fund for NCC	Funds raised by departments as consultancy
Major/Minor Research Projects by DBT,BARC &UGC,JRF/SRF Scholarships	State Govt. Fund for NSS	Student fee from self-financed courses
	Scholarships	Aid from philanthropists
	District Mining Fund	Contribution from Alumni
		Rents from external bodies for conducting exams
		Hiring charges for Centers in campus -IGNOU
		Rent from SBI for using college premises for ATM
		Janbhagidari Prabandhan Fund
		Chhattisgarh State Pollution Control Board
		AIDS Control Fund
		Red Cross Fund

Non -Govt./PD fund is utilized to meet various expenses to ensure the optimal use.New construction of building or renovation in the campus —laboratory,auditorium,seminar hall,playground,inverters, generators,electrification, garden, vehicle stand,canteen etc.The college creates and utilizes / mobilizes resources in various ways:

- Funds for UGC-CPE,DST,BARC,C-COST are meant to be efficiently utilised for academic excellence and to enhance research activities.-minor or major projects and for organizing seminar/workshop/conferences.
- Purchase of equipment,tools and books under the UGC-CPE,Janbhagidari Management,Library,Autonomous& Amalgamated Funds are done jointly in recognition and approval of the departments.
- Self financing resources are mobilized to run self financing courses and purchase of equipment and consumables.Job oriented/ skill based value added courses also receive funds. At present 16 self financed, 51 value added and 34 job oriented courses are being run at PG &UG level in the college.
- Guest faculty appointed by the college management receives salary from Govt. grant /*Janbhagidari* fund.
- Endowment scholarships/gold medals, financial assistance to BPL and meritorious students are also awarded / distributed on the Annual Day. Funds received from the State Government are promptly availed for various extension activities.

- Optimal utilization of available resources is ensured to cater the needs of the stakeholders.The departments 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 utilization and proper accounting of the funds availed. Accounts are maintained by the Head Accountant/Registrar and the Principal is accountable for all the financial transactions.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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 visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

The IQAC is a nodal agency of the institution for initiating and coordinating quality-related issues. Established on 15th September 2005, it plays a pivotal role in the enhancement and sustainability of the quality of the educational services provided by the institution. The teaching-learning, co-curricular and extracurricular activities aimed at round development of students are monitored by IQAC which

incessantly endeavors for academic growth, research enhancement, employability, and skill development of the students. The efforts to nourish learning with career and professional aptitude have led to the formulation of the following two prime strategies of IQAC:

Introduction of Value Added, Certificate and Diploma Courses

IQAC the apex decision-making body has been instrumental in institutionalizing the quality assurance strategies and process. Tracking the new education policy, IQAC adopted a focused approach toward the skill development of students, for the fulfillment of the mission of the institute. Coordinating with the Principal, IQAC proposed the inclusion of skill-oriented courses in the curriculum before the staff council. Seconded by the staff council the HODs proposed it in BOS. The proposal, having been put forward to Academic Council and Governing Body for approval was then sent to Higher Education for endorsement. Having received confirmation from the government, it was then forwarded to the University for grant of affiliation and permission to run the courses. This has led to the introduction of 51 Value-Added and 07 certificate Courses in the institution. IQAC ensures the quality of these programs by:

- Monitoring the curriculum of the course
- Ensuring regular and seamless organization of these classes
- Ensuring the conduct of proper evaluation in these programs

Training and Placement

IQAC has been constantly striving to reduce the gap between academics and the job industry. Among its other initiatives, the IQAC focused on the job specifications in Higher Education of Govt. of Chhattisgarh, thus creating employability prospects for the students. This led to the formulation of some strategies by IQAC. Co-ordinating with the Principal, the Placement Cell, and the HODs, coaching of NET/SET exams which is a pre-requisite to appear in PSC examination was initiated. Efforts were also made to give coaching of PSC exam for the post of Assistant Professor. PSC qualifying students were then prepared to face interview by conducting Mock Interview sessions at the departmental level and by Placement Cell at the central level. 110 students of the college qualified for PSC written exam. External Experts were invited by the Placement Cell to conduct mock interview sessions with the qualifying students at the central level. At the department level, the mock interview sessions were conducted by a team of experts consisting of one subject expert and three experts from other subjects. Consequently, 76 students of the college got selected for the post of Assistant Professor. Placement Cell also facilitates contact between students and private, semi-private companies, and their requirements are advertised from time to time.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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 works towards achieving the goal of improving the overall quality of the institution.Quality in higher education is an integration of academic, research and administrative domains.The teaching - learning and other activities aimed at all round development of students are monitored by IQAC which suggests better methodologies for academic growth,research advancement,skill and professional development of the students.In the process of quality enhancement the suggestions and recommendations of the previous NAAC exit report was given due consideration and were executed in Academic,Administrative and Research domains.Workshops have been conducted intermittently by IQAC on Virtual Teaching Tools, Virtual platforms and Applications for teaching and learning leading to extensive use of ICT. E-content has been made widely popular among the students and partial online assessment is also being practiced for internal assessment

Academic Domain

- For quality enhancement and to strengthen academic components to match the present day requirement the institution has started professional Value Added and Certificate courses. While **Value Added Courses** have been initiated by the department of Physics, Chemistry, Mathematics, Botany, Zoology, Geology, Microbiology, Biotechnology, Hindi, English, Economics, Geography, PoliticalScience, History, Anthropology, Psychology, Sanskrit, Commerce, LibraryScience, Computer Science, **Certificate Courses** have been started by the departments of Physics, Economics,Commerce, Political Science, Botany, Geology and Computer Science.

- At the beginning of the academic year IQAC collects departmental academic plans and monitors its effective implementation.
- The Course Plan submitted by teachers every month assists in evaluating the progress of curriculum in accordance with the academic calendar.
- IQAC has also introduced the concept of mapping and attainment of PO, PSO and CO from the three streams —Arts , Science and Commerce .This process has resulted in giving a positive and factual adoption of the methodologies to be adopted in teaching and learning.
- A comprehensive result analysis by various departments assists IQAC in SWOC analysis of the institution.
- Interdepartmental teaching initiated by IQAC gives students a broad outlook and perspective on their subject.
- IQAC has institutionalised Academic Administrative Audit at Internal and External level and is done regularly . Internal Academic Audit is first conducted by IQAC and subsequently by external audit committee comprising academicians of repute.
- Remedial classes are conducted regularly to bring the marginalized into mainstream academia.
- Feedback form of students and faculty forms the basis of IQAC strategy,proposal and action taken plan.
- Communicative English programmes are conducted regularly to enhance global competence of the students.
- IQAC monitors IT enabled ,outcome based student centric and holistic methodologies of teaching and learning process.
- Extensive use of ICT and computer literacy is focused and stressed to ensure optimum technical

exposure to the students.

- At the behest of IQAC e-Learning Management System has been introduced. It gives students an opportunity to have access to e learning resources. Moreover the fast learners are encouraged to enroll themselves in SWAYAM and NPTEL courses.
- Preparing students for competitive exams - both private and government has been initiated. This has led to an increase in the number of getting good placement opportunities.
- Personality enhancement programmes are organised regularly to give students an extra edge.
- Best Practices, extra and co curricular activities are monitored for explicit benefit to all stakeholders.
- Students are encouraged to participate in Sports ,Cultural and Extension activities that are organised at an extensive rate.
- Strengthening of industry academia is stressed.

Research Domain:

- To promote multi and interdisciplinary research students are exposed to interdisciplinary teaching at PG level.
- MoU's with institutes of repute at national and international level has resulted in increase of quality research activity.
- Collaborations with reputed national and international institutes and agencies has also been instrumental in creating awareness towards scientific learning.
- The institute is the only authorised research centre of Hemchand Yadav University, Durg. Subsequently there is a continuous and steady increase in the number of registered research scholars and research guides in the institute.
- Provision of seed money and other financial aids initiated by IQAC has given a spurt to research activity.
- Increased research has fruitioned into 10 patents and 2 copyrights.
- Scientific Updation of Labs has gone a long way in developing scientific temper in the students and researchers alike.

Administrative Domain:

- The college has been selected as a mentor institution under PARAMARSH scheme.
- Library has not only been computerized but also has provision of the N List system for improving teaching and learning standards.
- The Media Center has been installed for the promotion of e content preparation by the faculty to facilitate teaching and learning process.
- Separate building has been constructed for the Autonomous cell.
- Sanctioned posts have been filled by guest faculty.
- Autonomy status has been extended upto 2030.
- Vision 2025 has been planned and implemented into action.
- Strengthened college Alumni in an effort to bridge the gap between Industry and academia for the good of the students.
- Medicinal plant garden and oxyzone developed in the college.
- Improved Wifi facility has created an advanced atmosphere of teaching learning and research.
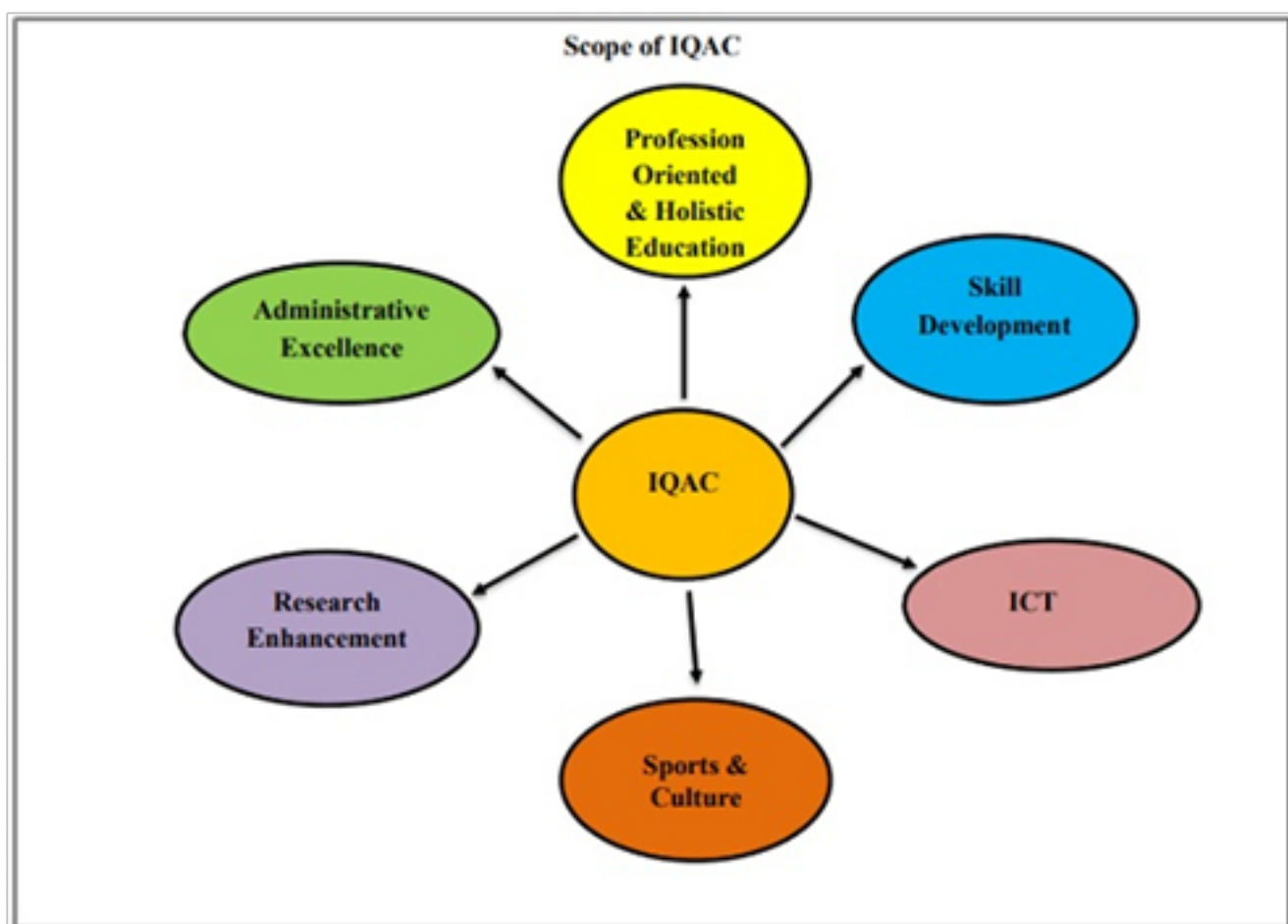
Scope of IQAC

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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)**

Response: All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of Institution	[View Document](#)
Link for additional information	[View Document](#)

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:

Being the lead and the largest co-ed college in the region the institution prides itself on having more girls students than boys for the last five years in succession.

The institution has a policy for Gender Sensitization and Equal Opportunity and effectively implements the policies through an action plan. The **Women's Cell and Vishakaha Samiti** organize a spectrum of programmes for equipping and empowering women for a secure life. These also include awareness programmes to sensitize both boys and girls regarding the aspects pertaining to gender. Motivators like **Padmashree Phulbasan Bai Yadav,Shamshad Begum and Dr. Ravindra Kumar, Superintendent of Police Suresha Choube , Psychologist Shama Hamdani** and other eminent personalities are invited to guide students on life skills and offences like cybercrime.

Equal Opportunities for All

The Women's Cell plans the activities in a way that all the important issues of girls growing up in a city, are addressed. Clubs and committees are constituted in a way that gives equal opportunities for participation to both girls and boys and promotes their leadership and entrepreneurial skills.

The Grievance Redressal Cell takes care of women related issues, including grievances related to gender sensitization.

The **Girls' Common Room** has reading facilities, a dressing room, washrooms with a Sanitary napkin vending machine and an incinerator.

Safety of all women within the college premises is ensured by security guards for 24 hrs, and 42 CCTV cameras.

Gender equity is also taught through the curriculum which is compulsory for UG &PG students. Some of the papers in PG also sensitize the students in this regard. Special attention is given to the girls who have been orphaned by the Naxal attacks. Self-defence training programmes, life skills yoga and meditation, career counselling, stress management, and professional skills training are organised for them.

Counselling and Support

In the highly competitive world today, *the students of our college face **the added challenge of being from rural /backward areas of Chhattisgarh**. The variance between their home place and the township often leads the students to seek counselling to address their confusion regarding choosing the right subject to*

appear in competitive exams.

- The centre offers academic, psychological, professional counselling through qualified counsellors.
- The centre is open at all times and free for all the students.
- The record of the counselling session is kept confidential.
- The college has a unique system to track the development of the students through Mentor-Mentee Scheme.
- The counselling cell and mentoring system of the college provides the girls with opportunities to address their issues with the help of certified counsellors and qualified faculty members.

Key Features

- The college especially promotes the inclusion of the **Third Gender** in its admission policy, hence programmes are regularly held to sensitize students towards their inclusion.
- All the departments engage in counselling sessions and especially doing so during the pandemic.
- **The non-teaching staff are also mentored**
- **Students are** supported in matters concerning admission, fees payment, etc.
- The college has a separate medical counselling room. Medical practitioner visits thrice weekly providing free consultation.

File Description	Document
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	[View Document](#)
Annual gender sensitization action plan	[View Document](#)

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: B. 3 of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[View Document](#)

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:

The college has established an integrated sustainable waste management approach that minimizes waste production and handles the diverse nature of wastes generated from the academic buildings, hostels, canteen, and stationery store. A 3R policy of reducing, recycling, and reusing is effectively adopted in the college. It tries to ensure that wastes are limited and that all wastes are either reused, recycled, or reduced after proper reviewing.

Solid Waste Management

The institution has a robust system to dispose of its solid waste.

- Separate bins for different types of waste are placed throughout the campus at important vantage points for proper collection and segregation of wastes. This prevents any intermixing of wastes and is beneficial in the utilization and recovery of components through sustainable waste management.
- Most of the waste that comes out of the departments is **paper waste**. These wastes are collected by a vendor for recycling.
- Papers are also shredded and used for making paper mache products in the entrepreneurship cell.
- As per the green protocol, the college optimizes the usage of paper by using technology for information sharing and documentation. Office automation has contributed immensely towards reducing paper waste.
- The other solid wastes from labs (glasswares, wires, etc) are segregated and collected in bins. These are disposed of as per the govt norms.
- The waste in the form of **dry leaves** and other organic wastes is collected and put in bio compost pits.
- Green leaves, Kitchen waste (Hostels and Canteen), and earthworms are used for vermicomposting.
- **Single-use plastic** is strictly banned within the campus. Use of plastic is discouraged by the institution
- **Wood waste** is also collected and disposed of by the vendor who converts it to plywood or compressed wood without harming the environment.

Liquid Waste and Hazardous Chemical Waste Management

- In tune with its 3R policy water from the rainwater harvesting system is used in gardens and washrooms. Rain water is collected, filtered, and used in labs. and cleaning purposes.
- Wastewater from the toilets, and washbasins are diverted to the gardens. Water from the ACs is used to water the plants by Maths, Chemistry, and other departments.
- Solvents are recycled and reused in laboratories. Solvent mixtures are disposed through a soak pit.

- Experiments involving hazardous chemicals like Acetanilide Benzene Hexachloride etc are not done. Other non-hazardous chemicals as substitutes are used.
- The college has a Chemical hazard policy in place. The dangerous chemicals like Bromine ampules and Mercury electrodes and thermometers are stored in secure separate locked Almirahs. The college has a separate store for VOCs and Acids. Strict vigilance measures are taken to keep track of the usage of VOCs and Acids to avoid wastage. To optimize the liquid waste generation, college enforcement laws as in waste management policy.

E-Waste Management

E-wastes are systematically disposed of by the Govt. Certified vendor following the rules from UGC. The departments using computers manage the stock by modification and up-gradation of the old systems thus reducing the waste. Minimal e-waste generation is ensured by optimal and periodic maintenance of computers and other electronic peripherals.

No Biomedical waste is generated.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Geotagged photographs of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

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: C. 2 of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)
Link for any additional information	[View Document](#)

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: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are 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: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for 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: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Details of the Software procured for providing the assistance	[View Document](#)
Any other relevant information	[View Document](#)

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:

Govt.V.Y.T.PG. Autonomous College is located at the vantage point where it caters to the educational needs of the entire region and also other states of India. The institution takes special effort to ensure that students, faculty, staff, and all stakeholders feel respected and included in all functions of the institution. The institution primarily aims to inculcate social and ethical values by disseminating quality education to its students and empowering them to serve their community. It is committed to involving those from the marginalized and segregated sections to the mainstream so as to enable them to participate in all the programs and activities of the college.

- **Admission process :** As the Lead college of this region and the only A+ accredited college of Chhattisgarh admission in this college is highly sought after. Students from almost all the districts of Chhattisgarh and other states like West Bengal, Odisha, Maharashtra, Rajasthan, and Jammu and also from all categories SC/ST/OBC/GEN and Divyanjan get admission here and form a rich culturally diverse community within the college campus. Girls and Boys from Naxal affected areas are given admission for free.
- **Cultural programs & Yuva Utsav**: These programs showcase a healthy mix of cultures across India. The institution not only promotes the regional dance and music of Chattisgarh like Sua, Panthi, and Pandvani but also encourages students to perform dance and music from other states. Special Adivasi dances and musical fests are held to ensure that all communities are respected. Yuva Utsav gives the students an opportunity to explore their talent with music, dance, and other cultural practices like Rangoli & Kolam.
- **Celebration of Days:** All the Departments celebrate commemorative days. A few other days that are celebrated are: Martibhasha Diwas *The Hindi Department celebrates this day every year in which faculty members and students actively participate by performing their mother tongues.*
- **National Unity Day** on 31st October *is celebrated to commemorate the birth of Sardar Vallabh bhai Patel and understand the uniqueness of India as a unified whole in spite of having a huge diversity.*
- **Sadbhavna Diwas** *is celebrated on 20th August every year.*
- **Curriculum**: Chhattisgarhi Literature and Language is a part of the UG, PG, and the Certificate course of the Hindi Department. Dalit Literature, Indian writings in English
- **Sensitization towards Transgenders**

- **Mainstreaming** the students from Naxal affected areas through special coaching, counseling, and training in self-defense
- **NSS and YRC** organize camps in villages to spread awareness towards cleanliness, alcoholism and drug abuse, and other social matters. They also organize blood donation camps that teach communal harmony.
- **The Department of MSW** organizes observational visits and training to the students promoting inclusion.
- **Covid- 19-**The boys hostel of the institution (Azad Hostel) was converted to a temporary Covid Centre and also a Vaccination center. A vaccination camp was also organized for all in the college premises. Scholarships are being given to students who lost family support due to COVID.
- **Regional food** competitions are also organized.
- **Public E-Library** Service is fully operational.

Achievements as a result of inclusion and mentoring of Diyangjan and others

1. Divyangjan Achievers

2. Achievers from other Categories

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Any other relevant information	[View Document](#)

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:

Govt V.Y.T.PG Autonomous College plays a distinctive role in inculcating a sense of responsibility towards the constitutional rights and duties in the students. The programs that are organized, the sessions that are held, and all other interactions within the college ensure that students develop a sense of value as individuals and learn to respect diversity and build relationships based on mutual respect. In order to build this environment, the college engages with the students at the very outset when they take admission in the college. Committees like the Discipline committee, Anti-ragging cell, Women and Equal Opportunity Cell inculcate respect for law and judicious activities in students. Students are also guided to take Pledge for cleanliness in the form of Swacchta Shapath Pledge, Unity day, Pledge for Water Conservation, Ban the use of Plastic and Tobacco, Prevention of Aids Participation in Social rallies Participation in SVEEP activities during elections.

Constitutional obligations, values, rights, duties, and responsibilities of citizens are also inculcated in the students during NSS and NCC residential Camps. Activities organized in the adopted village Thanod and in the neighboring villages and communities are also aligned along these lines. The College organises the following activities to ensure that the students adopt the values of a responsible citizen:

- **Induction programs** where they are also told about the Code of Conduct that they must follow.
- **Seminars /Webinars** on Human Rights, Constitutional Oath, workshops on Constitutional Values, etc.
- **SVEEP Programme where** NSS students engage in the where they are coached and also coach others on Voting awareness
- **Celebration** of the Independence Day, Republic Day, and 2nd October as Gandhi Jayanti and Shastri Jayanti.
- **Essay/ Debate competitions** on issues pertaining to Constitutional values organised by t**he Literary Society.**
- **Swachchta Pakhwada is celebrated by NSS, and Literary Society to commemorate the 150th Birth Anniversary of Mahatma Gandhi.**
- **Programs on Women's Rights, Gender Equity, Health, and Safety of women are** organized by Women's Cell. These are attended by both boys and girls. The Women's cell also celebrates International Women's Day on 8th March every year.
- The **Equal Opportunities cell** organizes talks/programs that ensure the inclusion of all students addressing diversity.

Other Initiatives

- **Academic Courses and papers**: In MA Hindi literature course for IV Semester, PG students pursue a course on Journalism (*Patrakarita Prashikshan)* that incorporates a separate chapter on Fundamental Rights, Human Rights and Right to Information guaranteed in the constitution of India. English language textbooks include lessons like Constitutional Duties. The first year's English language coursebook is dedicated to inculcating a sense of respect towards Indian Culture.
- **Value-added courses** are an integral part of our curriculum.
- **Students blog "ICE BLOGS"** on issues pertaining to rights and duties:https://iceblogsindia.blogspot.com
- **Education of Girl Child is done through programs in villages by NSS and YRC.**
- **Talks on Rights and Duties** of the citizens, anti-tobacco drive, Motor vehicle act & anti-ragging acts by Legal experts are organised.

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	[View Document](#)
Any other relevant information	[View Document](#)

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: A. All 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	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

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

Response:

Every culture, nation and tradition has developed its own unique way of honouring special occasions. As the lead college of the region, Govt. V.Y.T.PG.Autonomous College imparts the best modern education along with the values and traditions so as to provide the students with a balanced global viewpoint by earmarking the important days and celebrating them to cultivate a sense of community. The college makes every effort to remember the people who have enriched our country /community and pay our regards to them. The goals of universal peace, harmony and a tolerant world are at the core of our values. The institution is committed to the celebration of the cultural diversity and heritage of India as well as organizing events on international commemorative days to ensure that the students develop a world view that will bring them to the path of becoming Global citizen is the vision of the institution. The institution has 23 departments and each department maintains a planner whereby the days to be celebrated or observed are identified and marked. These commemorations instil the values of these special days in the young minds. Some of the days like Republic Day, Basant Panchami, Independence Day, Tamaskar Jayanti, National Youth Day, Shahid Diwas are celebrated/observed by the college through IQAC. Important national days like National Voters ID Day, National Girl Child Day, Mahatma Gandhi Birth Anniversary, National Science Day, National Sadbhawna Diwas, Teachers day, Rashtriya Ekta Diwas, National Science Day, World Environment Day, are celebrated. The college also celebrates important anniversaries of the Great Indian saints, philosophers, scientists, thinkers, national heroes, and freedom fighters. Certain days like Mahatma Gandhi's Martyrdom Day(30th January) are observed with 1 min silence at 11 am; on Martyrdom day Bhagat Singh Rally is taken out along with other programmes. Rallies, awareness campaigns, Essay competitions, Debates, Nukkad Nataks, Lectures, Exhibitions, and workshops are some of the means to celebrate/observe these days. NSS, NCC, YRC plays an important role in celebrating and observing these days.

Educating students through commemorative days not only makes them aware of our rich cultural diversity but also inculcates the value of being a global citizen while deeply grounding them in their own culture. All the programmes are organised without compromising on the teaching time.

Social Media: A group of students from the International Cultural Exchange Group have launched a blog to commemorate the important days. The blog can be visited at https://iceblogsindia.blogspot.com

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

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:

BEST PRACTICE -1

1. **Title of the Practice**

   Mainstreaming Mentoring for Promotion of Quality Education

2. **Objectives of the Practice**

As the lead college in the Durg district, the college owns up the responsibility of mentoring at different levels (both school and college) on various aspects of teaching, learning, and extracurricular activities in addition to guiding the colleges towards NAAC accreditation.

The institution engages with:

1. **Students of the college** for their Academic, Professional progression, and Psychological and Spiritual wellbeing. Special attention and support are given to the students from Naxal affected areas for their improved performance.

2. **Students from the schools** of the district and villages to guide them towards English, Science, and Research.
3. **Young student Entrepreneurs** to mentor their initiatives.
4. **Colleges under the UGC Paramarsh scheme:** The College has the added responsibility of mentoring 14 other colleges that are to go through the accreditation process to raise their benchmark of quality education by providing support to understand the NAAC accreditation process.

3. The Context

The College is located at a vantage point in the Durg district and caters to students from both urban and rural(backward) areas of Durg district, other districts of Chhattisgarh, Naxal affected areas, and even other states and areas where avenues for higher education are non-existent or minimal. Hence the institution is committed to mainstream students from socially and economically marginalized sections through mentoring to ensure their academic, mental, and spiritual growth. Almost 60% or more students come from financially stressed backgrounds and seek scholarships and require both academic and personal guidance from time to time. The college also tries to expose the world of future education and research to the school children through visits and through program called INSPIRE. Young entrepreneurs need mentoring on their initiatives too. As a lead college it also mentors other colleges for improving their performance in NAAC appraisal. Skill development initiatives are included as per directives of NEP 2020.

4. The Practice
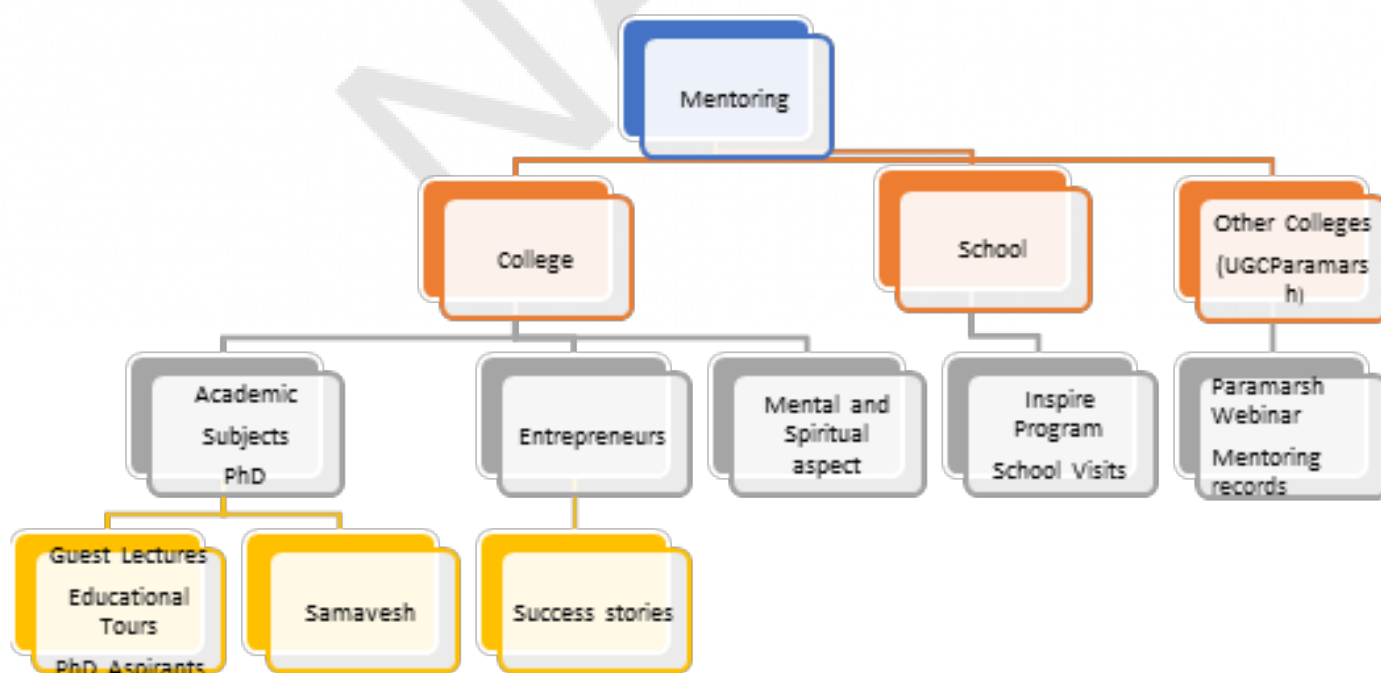
4.1 Mentor-Mentee :

Over the years the college has built a robust system of mentoring students through **Mentor-Mentee scheme** in which each professor mentors 30-40 students and takes care of the issues raised by them through **Guest lectures, Yoga sessions, Heartfulness meditation techniques for relieving stress, and counseling sessions**.

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4.2 Mentoring Girls from Naxal Affected Families:

Special attention is given to the girls from the Naxal affected areas, who have been orphaned. Coaching for competitive exams, Classes in their main subjects are also held in their hostel (Vigyan Vikas Kendra) to improve their academic performance. Mindfulness programs aimed at trauma healing are organized there for those who are still healing from the shock of losing their family.

Programs for Naxal affected girls include

- Life skills and preparedness for adulthood.
- Self Defence workshops: Karate to girls to strengthen self-defense skills in order to confront gender-based violence.
- Coaching for PSC, NET, & SET
- Departmental mentoring to address problems individual students may face.
- Counseling sessions for all students.
- Yoga and Heartfulness Meditation

4.3 School Students:

The faculty of the college makes the regular visits to schools to promote the students for higher education and career options for pure Science subjects. The college also has been organizing INSPIRE for 3 consecutive years to promote the culture of research in pure science amongst students.

4.4 Other Colleges Under Paramarsh Scheme:

As the lead college of this region and under the UGC Paramarsh scheme the college offers support to other colleges and mentors them through regular visits, lectures, creating online study materials, conducting FDPs to train faculty in teaching online thus raising the benchmark for quality education and preparing them for NAAC. It has also provided support to colleges lacking in appropriate human resources to understand and develop the Self-Study Report of NAAC, guiding the 10 mentee colleges to achieve better accreditation grades. Webinars were conducted to support and guide the colleges.

4.5 During Covid: The college organized online classes for students from across the district in all subjects enabled by a special digital link provided by the government. The faculty also counseled them when they were in distress.

4.6 Reaching out to the Third Gender: Taking a step to address Diversity and Inclusion the college has been organizing Webinars and joint programs involving the students of the college and the members at the Garima Griha to sensitize them towards the issues of the third gender. Counseling sessions are also organized at Garima Griha. A movie "De Taali" created by a faculty member was shown to the students.

4.7 The Entrepreneurship Cell offers mentoring to the young sharks to guide them with their startup plans. The new value-added and certificate courses are also aimed at skill development.

5. Evidence of Success

1. The number of students coming from conflict-affected areas rose from 108 in 2016 to 166 in 2021
2. Results of NET /SET / PSC/ and other services of 2016 - 2021 have shown that of the 491 students from our college who wrote the exams, 408 got through creditably.

3. Colleges that underwent mentoring for the NAAC SSR have shown remarkable up-gradation:
   - Shankaracharya College whose ranking rose from B to A grade in 2021 the second cycle.
   - Swaroopanand college got upgraded from B to B+
   - Govt. V.V. Patankar Girls College was earlier ranked B+ now has improved to B++ grade.
   - 3 colleges attempting their first cycle have submitted their SSR successfully.

6. Problems Encountered and Resources Required

1. The Covid19 situation has made physical visits to the college difficult for the students since 1 ½ years. This led to resorting to online mentoring which has its own limitations. However, it was providential to be able to provide online mentoring - Many students suffered from or lost family members to Covid19, families lost livelihoods and morale. Students were thus much in need is counselling which was provided by the college's Counselling Cell as also faculty of each department who held webinars for students on dealing with stress.
2. With Internet penetration being the second lowest in India after Bihar, the challenge in continuing to connect with students during the Covid19 crisis was that many lacked both tools for digital access and Internet connectivity from financial reasons. This situation changed with the second lockdown in 2020, and faculty urging students on phone to attend the online classes.
3. Adapting the curriculum to online mode

BEST PRACTICE - 2

1. Title of the Practice

Cultural Connects to Inculcate Global Competencies and Create Global Citizens

2. Objectives of the Practice

The objective of the programme is to develop an attitude of curiosity and openness, and promote understanding of global culture while instilling pride in local and Indian culture in the minds of the students with the readiness to suspend beliefs about other cultures and one's own.

Primary Objectives:

1. Develop Global Citizen competencies of respecting other cultures and communicating in English.
2. To form connections globally (Internationalization) through the **International Cultural Exchange** program
3. Develop intercultural Communicative Competence
4. To promote cross-cultural interactions within India through Youth festival and the Ek Bharat Shrestha Bharat Yojna
5. To promote the regional culture of the State Chhattisgarh through Curriculum, Festivals, Food, and Art.

Secondary objectives:

1. The practice of Communicative skills in English with new vocabulary
2. Developing emotional intelligence
3. Learn new words and practice active listening

4. Make flyers
5. Learn to work in teams
6. Develop leadership qualities

3. The Context

Culture forms the basic framework for a student's developing personality. Interaction with other cultures through peers and teachers has been known to provide a unique pathway to developing confidence, communication skills, and appreciation of diversity among students. Recently, UGC has brought out the "Educational Framework for Global Citizenship in Higher Education", the curriculum draws from the National Education Policy 2020. The policy calls for students to become "aware of and understand global issues and to become active promoters of more peaceful, tolerant, inclusive, secure and sustainable societies" through culture studies and exchanges.

Students of this college have been able to interact with the students of other states of India and other (16)countries. The students of this institution come from the remotest region of Chhattisgarh including the Naxal affected regions. Giving them exposure to world culture is an effort to create global awareness in them and thus move them towards Global citizenship. The students on one hand are being strongly grounded in their own culture and being exposed to the world culture as well.

4. The Practice

Building Competencies of Students Through Enhancement of Knowledge, Skills, Values and Attitude
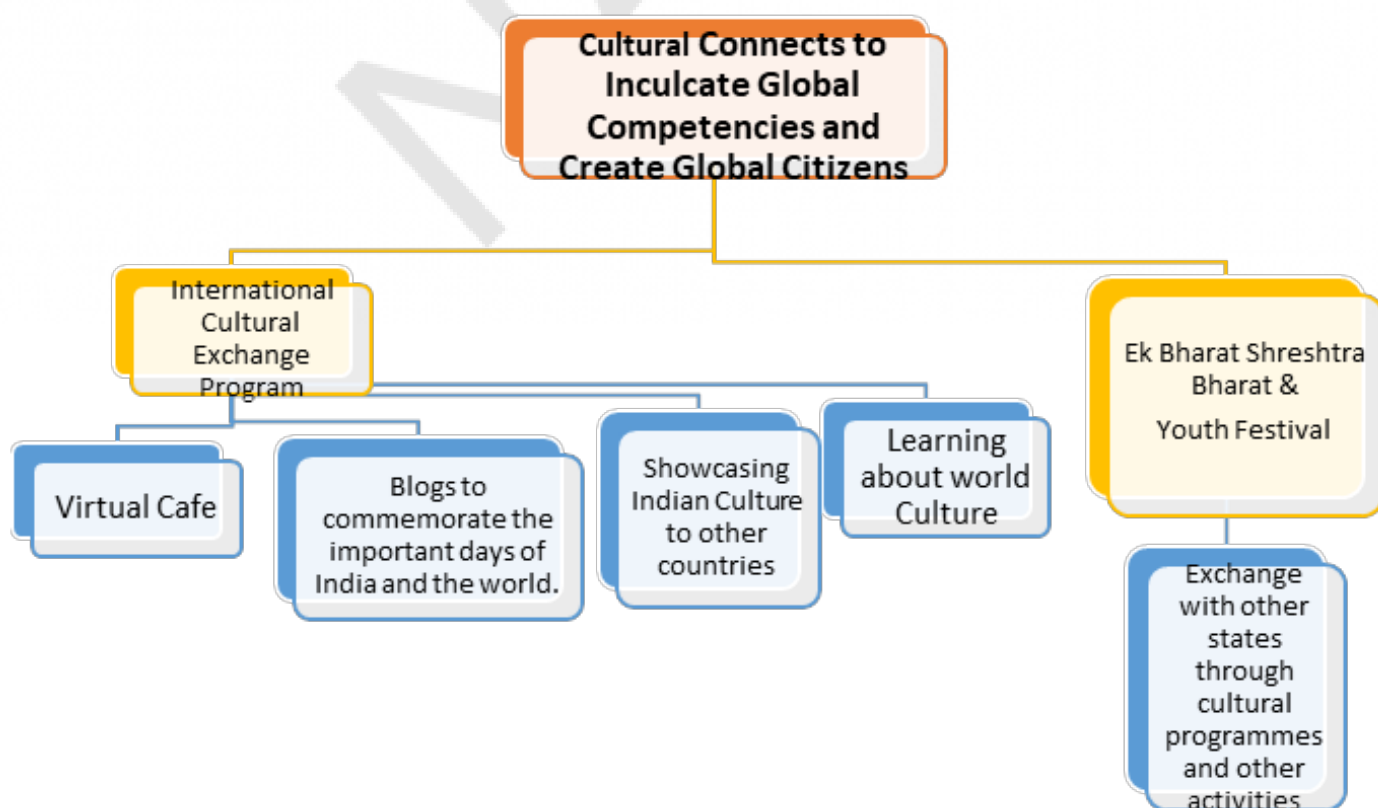
Over the years the college has broadened its system to include not only academic material but also value-

addition by way of mechanisms for personality development with global orientation and competencies. On one hand, it has been instrumental in promoting the regional culture of Chhattisgarh, instilling a sense of pride in the students' vis a vis their culture; on the other hand, it has strived to bring knowledge and respect for other cultures across the world. As the higher education system is trying to inculcate global competencies in students through "Global Citizenship Education (GCED) which refers to educational practices that seek to develop the knowledge, skills, values, and attitudes that are required by an individual to participate fully in a globalized society and economy, and to support initiatives aimed at building a more just, secure, peaceful, tolerant, inclusive, and sustainable world, the program International Cultural Exchange aligns itself to this concept.

So far, the students have been showcasing the culture of Chhattisgarh through Youth Festival competitions at the levels of University and State and the Ek Bharat Shrestha Bharat Program, in which Gujrat and Chhattisgarh are joined in a cultural exchange program.In 2017 SOU Aditya Jha and in 2019 October NCC Cadet Prerana successfully participated in the National Cadet Corps Youth& Cultural Exchange Programme in Singapore and Russia respectively.

 International Cultural Exchange Program and the Virtual Café are endeavors of this institution to create an environment for the students to help them grow, learn, and appreciate the diversity of the world. The program started at the onset of COVID and the students learned about the cultures of Israel, Poland, Bosnia, and Montenegro through the guest faculties. The second phase took off in a planned manner from January 2021 and the students learned about the cultures of 10 different countries. The program is now in its third phase with faculties from 4 countries. During the program, the guest faculty shares information about his/her country's culture and two Indian students showcase two aspects of Indian culture through presentations prepared by them. The program is conducted by students who Introduce the guest, offer a vote of thanks, and also write a report on the event. Initially, this practice helped to developed various soft skills like leadership, communication, teamwork, etc in the students but over the years this practice has also prevented academic regression, retained the English language, and taught other skills

Virtual Café

Building on the experience of the Cultural Exchange program, the College has stepped it up with a Virtual Café program in collaboration with Braude College of Engineering Israel and Wroclaw University, Poland. A group of 20 students from this College joined 20-22 students from each of the other two colleges online to share about India, their local culture and practices and what they liked best about these. From an initial start with 45 students in 2020, the Virtual Café drew in 105 students by 2021.

5. Evidence of Success

1. The International Cultural Exchange Program was made open to students on a voluntary basis. The students' strength has grown from 65 in 2019 to 105 in 2021.
2. Both informal or formal feedback from students indicates the cultural exchanges have been a transformative learning process and they have been enriched by learning about other cultures and expanding their horizons regarding diversity.
3. The Google feedback forms administered to them – more in the nature of calling for responses in terms of 1-2 sentences – demonstrated that there has been an improvement in their language skills
4. The Level of confidence and skills in presentation and public speaking have shown remarkable improvement. More students are expressing willingness to take up roles in future programs. The program is now exploring new countries in the new session and involving students in international

projects.

5. This year the Virtual Café has grown bigger. University students from five countries (Israel, Poland, Romania, Serbia, and India) are participating to engage in learning. The initial 45 students who took part in it has now expanded to 95 students, not only from the English literature classes but also from other streams like Science and Commerce.

6. The students' feedback and Verbatims show that the sessions have taught them to respect cultural diversity while making them more inclusive in their outlook and

6. **Problems Encountered and Resources Required**

Students did not have the required Internet bandwidth to join Zoom platforms and use the video function on their smartphones for the Cultural Connect and/or Virtual Café. Internet bandwidth is low in Chhattisgarh villages and internet penetration is second lowest in the country as a whole. Mentoring the students in preparation for the online events including building their confidence was somewhat restricted by having to do all of this online from 2020-21.

7. **Notes**

The International Cultural Exchange program is aligned with GCED which helps learners recognize the importance of understanding and resolving global issues in their social, political, cultural, economic, and environmental dimensions. It seeks to instill values among learners and equip them with the social and emotional skills and attitudes that can facilitate international cooperation. GCED seeks to ensure that all learners acquire the knowledge and skills needed to embrace their social responsibility to act for the benefit of all societies and generate solutions to solve the problems faced by humanity.

The Program is also aligned with the national campaign of Ek Bharat Shreshth Bharat which aims to promote mutual understanding between people of different states/UTs through the concept of state/UT pairing, through a sustained and structured cultural connection in the areas of language learning, culture, traditions & music, tourism & cuisine, sports and sharing of best practices, etc. The College has planned a project of integrating college students of Chhattisgarh with students of Gujarat to learn and appreciate one another's culture.

During the last two years of the Covid19 pandemic when there was a complete lockdown for long spells, the program International Cultural Exchange served to motivate and engage the College's students with students from other countries and their cultures entirely online. Cross-cultural and Intercultural Communication has helped to prevent academic regression, retained the English language, and taught other soft skills.

File Description	Document
Best practices in the Institutional web site	[View Document](#)
Any other relevant information	[View Document](#)

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:

Research is a culture and not just a practice in Govt V.Y.T.P.G. Autonomous College Durg, and it strives to build and spread the same culture not only within the institution but also in the state of Chhattisgarh.

A lead college of the state and identified as a star college with CPE Phase III, this is the largest research center in the state, and more than 95 Ph.D. s and 03 post-doctoral students have benefitted from it. The institution has a combination of highly qualified faculty out of whom 57 are research guides; a rich library with more than 10000 books on various subjects, laboratories equipped with high-end equipment for research, and very supportive lab assistants and attendants. But it is not just research for the sake of research that happens here. It is deeply connected with the community, often deeply rooted in the problems of Chhattisgarh, and the results and findings are expected to bring about real changes in the field. These results are usually published in international journals of repute.

Building the Research Culture :

Keeping in mind the needs of changing times, especially during the period of COVID National and International Webinars and Faculty Development Programmes were organized to update not only the faculty of the college but the fraternity across nations. Seminars/ Webinars are still being organized to keep abreast of the latest trends. 55 MOUs have been signed with various institutions National and International institutions to promote research and student exchanges. The proceeding of webinars and conferences have been archived so that future researchers can access them. In order to further build the research culture within the college, Research grants are disbursed to innovative research topics. The faculty is much cognizant of IPR which has led to the reward of patents and copyrights.

Institutional Highlights

- The institution is a research center for16 subjects with nearly 302 scholars currently doing their research
- It has the distinction of having 29 (26 national 3 international) research projects running currently.
- 3 International research projects are currently going on in collaboration with South Korea and Japan and Bulgaria.
- Highly prestigious National Projects sponsored by DAE-BRNS, BARC Mumbai), DST New Delhi
- Nearly 70 research papers are published every year by the faculty and scholars enrolled in this college
- 31 scholars have Junior Research Fellowship
- Research publications in indexed journals
- Publication: Total number of research papers since 2016 is 347
- Patents: 10 patents and 2 copyrights have been registered so far.
- Research Expression: A journal with an ISSN number promotes young researchers to publish their papers in this peer-reviewed journal.
- State of Art Research laboratories and Central Instrumentation lab with single equipment worth more than 5 lakhs.
- The library is fully automated.
- Drillbit and Shodh Shuddhi are used for plagiarism detection.

- Professors are appointed as reviewers of HRD projects like SPARC proposals.
- A number of professors are part of Editorial Boards of National and International Journals of repute.
- The college follows the Code of Ethics in research and has a committee that reviews the proposals received for Ph.Ds and Projects.

International Collaborations for Research

- Dr. Anil Shrivastava: 02
- Dr Ajay Singh: 01

Seminars/Webinars/FDPs are organized by almost every department to create an ecosystem for research.

- Souvenirs
- Projects supported by External agencies: 06
- MOUs / Collaborations: 55

Interdisciplinary Research: Most Science departments like Biotechnology, Microbiology, Chemistry, Botany, Zoology, English, and Physics are involved in interdisciplinary research.

Community-Oriented Research

All the departments of the college have focused their research activities towards understanding current problems and development of society, especially around the issues of Chhattisgarh. The thrust areas of the Ph.D. programs conducted by many of the departments have community orientations. Departments of Political Science, History, English and Biotechnology and Sociology, Botany, Zoology, have taken the lead in this area.

The department of Political Science has carried out research on tribal issues and completed a UGC-sponsored project on Naxalism. Currently, a major research project on " A genetic Study of Kidney Epidemic among Population of Supebeda Village of Chhattisgarh" is being carried out by the Department of Biotechnology. The department of Biotechnology also has research projects on topics like: 'Cosmetic and Nutritional Importance of Native plants of Chhattisgarh State', and The prevalence of human parvovirus B19 from Sickle Cell Anemia affected population of tribal area of Rajnandgaon district of Chhattisgarh'. The department of History is constantly making efforts to revive the art and culture of Chhattisgarh through various projects. The department of English continues to find new ways of teaching the English language to rural students and publishes research papers on the pedagogical aspect of learning English. The department of Physics has developed UV-B LED Phosphor useful for the treatment of skin diseases and for phototherapy to treat jaundice in newly born babies.

The Future of Research

In the current scenario, research has become an integral part of the academic system. The institution strives to keep a very high standard of research so that the results/information can be used in policies and any future project implications. A large number of seminars, conferences, and workshops are organized to keep pace with the recent changes at the global level and to familiarize and expose students to the latest trends in research.

Project work is now a part of the curricula in Masters's Degree programs. The project work is undertaken in Semester IV along with practical work/ fieldwork/ surveys etc. Research methodology is a part of the curriculum in PG Courses. Interdisciplinary research projects are encouraged and supported.

Postdoctoral Research is encouraged and research fellowship is granted to new research projects leading to entrepreneurial ventures and cost-cutting initiatives. The research guides of the Institution constantly strive for excellence which is visible in the quality of research papers published. What makes Research in this institution unique is that on one hand the research is deeply embedded in the local needs and issues, on the other hand, it has made international collaborations with those very projects placing our institution on the world map in the field of research.

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

The college has made concerted efforts in fulfilling the recommendations of the NAAC Peer Team for the 3rd cycle (2017). The following are the actions taken based on the recommendation.

- Opened New course B.Sc. IT, MSW, PG Diploma in Yoga education and Philosophy. 07 value added certificate courses introduced. Certificate course in human rights, certificate course in Environment Science, Certificate course in IT, Certificate course in rural development, certificate course in consumer Protection and Certificate course in Business Skill has been started to keep pace with Socio Political and technological advancement in last five years.
- Emphasis has been given on skill development and placement cell is strengthened for the employability of students.
- Remedial classes conducted on regular basis for all categories of students by all departments
- Communicative English classes regularly conducted.
- A Vision 2025 prepared and acted upon.
- Better facilities provided for sports & games
- Teachers oriented on the use of ICT based teaching and e-content developed.
- Flipped & blended learning practiced and ICT based teaching started.
- More certificate/value added course on hands on MAT LAB programming and modeling, Digital Imaging processing using MAT LAB, Introduction to pythan, writing research paper, Beekeeping & Honey processing Introduction to Google Earth Engine & Microbial Inoculant production Technology is under Process & will be implemented from 2021-22. More over the certificate course in soil and water analysis, certificate course in English communication skill, PG, Diploma in Criminology and forensic Science, PG Diploma in Library Automation and networking will also start in session 2021-22.

Concluding Remarks :

A highly acclaimed lead college of Chhattisgarh State with excellent infrastructural and research facilities the institution stands tall as Study and Research centre for students of the state. It has students from almost all the districts of Chhattisgarh including the remote areas of Bastar.

It is the research centre for 16 subjects including Arts Science and Commerce. 10 patents and 02 copyrights have been awarded so for.

It has sophisticated research equipment in the Central Instrumentation Lab, a rich Central library and departmental libraries. The faculty members are highly qualified and are actively engaged with research. Most of them are research guides, and often invited to National and International Conferences as resource persons. They hold positions of Dean/chairperson/ Member of Board of studies of Hemchand Yadav University and Autonomous Colleges. They are also members of Interview Boards, Governing bodies and Academic Council of different colleges.

The Institution prides itself in its value education and students' support system. It has the ISO Certificate for Quality Assurance in Higher Education and Environment Management System.The faculty members of the institution are engaged with all aspects of the students' growth and mentor them at every step. Registration for

ABC in under process.

The college is prepared to adopt the NEP 2020 into its system. It has initiated the process with each department starting value added courses/ Certificate courses on skill development. It has started a program called International Cultural Exchange in which the students interact with faculty and students of different countries regarding their culture. This program is aligned to NEP 2020 recommendation of Global Citizenship Education (GCED) to UGC. It roots the students deeply into their own culture while giving them an exposure to a foreign culture. The students learn to respect other cultures and understand global issues to become active promoters of a more peaceful and   inclusive society.

After 63 glorious years of establishment, the College has the right balance of Wisdom gained from experience and the Confidence to take up future challenges.

We are thankful to all the stake holders for their contribution and for being a part of our progress.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
2.1.1	**Average Enrolment percentage (Average of last five years)** 2.1.1.1. **Number of students admitted year-wise during last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
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7115	5756	5412	5079	4469 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
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2977	2675	2544	2408	2242 | 2.1.1.2. **Number of sanctioned seats year wise during last five years** Answer before DVV Verification: | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
7410	7000	6970	6970	6970 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
3085	2675	2645	2645	2645	 Remark : Input edited as per the clarification document provided by the HEI.
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)** 2.1.2.1. **Number of actual students admitted from the reserved categories year wise during last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
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2912	2452	2349	2175	1999 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
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1246	1126	1027	1015	951	 Remark : Input edited as per the documents provided in clarification. Admitted students for

	reserved category can not be exceeded than sanctioned earmarked seats.

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)*
	
	   4.1.3.1. **Number of classrooms and seminar halls with ICT facilities**
	   Answer before DVV Verification : 73
	   Answer after DVV Verification: 73

4.2.4	**Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year**
	
	   4.2.4.1. **Number of teachers and students using library per day over last one year**
	   Answer before DVV Verification : 1073
	   Answer after DVV Verification: 430
	
	   Remark : Input edited as per the footfalls for five days.

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**
	
	   Answer before DVV Verification : A. 4 or All of the above
	   Answer After DVV Verification: B. 3 of the above

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**
	
	   Answer before DVV Verification : A. Any 4 or all of the above
	   Answer After DVV Verification: C. 2 of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
70	68	66	66	66

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
53	52	52	52	52

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2222	1877	1677	1308	1206

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2226	1877	1677	1308	1206

2.3	**Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6789	6276	5928	5460	5009

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6789	5709	5308	4917	4460

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
111	123	118	119	116

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
111	116	116	116	116

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4889	4620	4259	4259	4259

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2035	1765	1618	1618	1618