



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution	
	GOVT.V.Y.T.PG AUTONOMOUS COLLEGE DURG CHHATTISGARH
• Name of the Head of the institution	Dr. R.N. Singh
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	07882359688
• Alternate phone No.	07882212030
• Mobile No. (Principal)	9300119083
• Registered e-mail ID (Principal)	pprinci2010@gmail.com
• Address	GOVT.V.Y.T.PG AUTONOMOUS COLLEGE OPPOSITE BIT DURG CHHATTISGARH
• City/Town	Durg
• State/UT	Chhattisgarh
• Pin Code	491001
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	01/04/1988
• Type of Institution	Co-education
• Location	Urban

• Financial Status	UGC 2f and 12(B)																														
• Name of the IQAC Co-ordinator/Director	Dr, Jagjeet Kaur Saluja																														
• Phone No.	07882974744																														
• Mobile No:	9977717571																														
• IQAC e-mail ID	iqac2022@govtsciencecollegedurg.a c.in																														
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.govtsciencecollegedurg.ac.in/Content/4218_2_AQAR21-22%20new.pdf																														
4.Was the Academic Calendar prepared for that year?	Yes																														
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.govtsciencecollegedurg.ac.in/Content/5587_1349_1189_College%20Academic%20Calendar%20final%202022-23.pdf																														
5.Accreditation Details																															
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B+</td> <td>2.7</td> <td>2005</td> <td>03/05/2004</td> <td>03/05/2009</td> </tr> <tr> <td>Cycle 2</td> <td>A</td> <td>3.10</td> <td>2011</td> <td>30/11/2011</td> <td>29/11/2016</td> </tr> <tr> <td>Cycle 3</td> <td>A+</td> <td>3.58</td> <td>2017</td> <td>22/02/2017</td> <td>21/02/2022</td> </tr> <tr> <td>Cycle 4</td> <td>A+</td> <td>3.47</td> <td>2022</td> <td>30/03/2023</td> <td>29/03/2028</td> </tr> </tbody> </table>		Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B+	2.7	2005	03/05/2004	03/05/2009	Cycle 2	A	3.10	2011	30/11/2011	29/11/2016	Cycle 3	A+	3.58	2017	22/02/2017	21/02/2022	Cycle 4	A+	3.47	2022	30/03/2023	29/03/2028
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Cycle 4	A+	3.47	2022	30/03/2023	29/03/2028																										
6.Date of Establishment of IQAC	15/09/2005																														
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?																															

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Govt.V.Y.T.P G Autonomous College Durg	CPE I	UGC	16/08/2006	1000000
Govt.V.Y.T.P G Autonomous College Durg	CPE II	UGC	31/03/2011	750000
Govt.V.Y.T.P G Autonomous College Durg	DST FIST	DST	28/08/2009	400000
Govt.V.Y.T.P G Autonomous College Durg	DBT STAR COLLEGE	DBT	29/02/2012	660000
Govt.V.Y.T.P G Autonomous College Durg	BSR	UGC	23/03/2009	100000
Govt.V.Y.T.P G Autonomous College Durg	INSPIRE	DST	03/01/2020	110000
Govt.V.Y.T.P G Autonomous College Durg	XI PLAN	UGC	30/12/2009	913500
Govt.V.Y.T.P G Autonomous College Durg	XII PLAN	UGC	24/03/2014	870000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	28/03/2015	50000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	23/03/2016	500000
Govt.V.Y.T. PG Autonomous	RUSA	RUSA	29/07/2017	565000

College Durg				
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	01/01/2018	3350000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	27/03/2018	6000000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	14/01/2021	15000000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	14/01/2021	1493000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	30/04/2021	1050000

8.Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
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9.No. of IQAC meetings held during the year

4

<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
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10.Did IQAC receive funding from any funding agency to support its activities during the year?

No

- If yes, mention the amount

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

Implementation of NEP and adoption of CBCS Establishment of Bio-resource Complex. Career counselling and Placement Activity accelerated, Improvement of ICT Facilities QR coding of all plants in the campus area. Establishment of departmental museum in different departments and Upgradation of media center Renovation of play-ground and upgradation of sports complex.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
<p>Proposal for participation of research scholars in training on XRD operation organized by Kalinga University, Raipur.</p>	<p>6 research scholars attended the training from Physics, Chemistry, Botany and Zoology Departments.</p>
<p>Proposal for hanging of display board for Sunderlal Sharma distance Education System, IGNOU and counselling centre.</p>	<p>All the name plates displayed on the concerned departments.</p>
<p>Proposal for plantation by NAAC Peer Team members during the visit of college campus.</p>	<p>Different plants with their name plates, planted in the college campus by the members of NAAC Pear Team.</p>
<p>Proposal for review of work done by the different committees formed for the NAAC Pear Team Visit.</p>	<p>All the committees presented their arrangements in front of the review team of the college.</p>
<p>Proposal for regular upgradation of website of the college.</p>	<p>Website regularly updated.</p>
<p>Proposal for introduction of new courses on Indian Knowledge System.</p>	<p>A Workshop organized by the college on Indian Knowledge System to generate expertise in the faculty to introduce courses on IKS.</p>
<p>Proposal to motivation of student to join online courses to improve their communication skill.</p>	<p>Workshop organized by English department to improve the communication skill.</p>
<p>Proposal to organize awareness programme on different government plannings and facilities available to promote self employment through the help of District Trade and industry Centre.</p>	<p>A workshop organized by Entrepreneur Cell</p>
<p>Proposal to compile data of different departments for apply in State Ranking Evaluation.</p>	<p>Data Submitted for State Ranking Evaluation.</p>

13. Was the AQAR placed before the statutory body?	Yes
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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	01/09/2023

14. Was the institutional data submitted to AISHE ?	Yes
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- Year

Year	Date of Submission
2022	01/10/2023

15. 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, 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.

16.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.

17.Skill development:

The College is paying attention towards the Skill Development Programme for the forthcoming generation intending 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. Nanoparticle-based Environmental and Health

applications, vermicomposting, 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 the Entrepreneurship Programme through the Incubation Centre. One of our Success Stories is the successful running of Fly-ash based brick industry and its health hazard impact analysis. The Physics Department is running Skill 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.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

In our College, 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.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Institutional initiatives: Outcome based Education is planned to demonstrate students' performance and expressed in terms of a mixture of knowledge, skills, abilities, attitudes and understanding that a student attain as a result of successful completion of a particular set of higher education. The college has minutely planned for Outcome Based Education and OBE module has been implemented since 2019-20. The Program Outcomes, Program Specific Outcomes, and Course Outcome statements have been specifically mentioned in the curriculum. Annual evaluation of outcomes have been carried out. Mapping of the COs and Results attainment has been done. Attention on local need and scope of employability based on local requirements have also been made. Efforts made by the institution to capture the Outcome based education in teaching and learning practices: OBE(Outcome?Based Education) approach with focus on the attainment of intended learning outcomes for students development to their discipline was initiated by the institution and are assessed holistically within the context of students' learning. Students were get awared of PO/PSO and CO statements during Induction program. Various Skill Development Programs, Entrepreneurship program, coaching classes for Competitive examination as an outcome of study for employability of students has been implemented. Levels of Blooms Taxonomy were assigned for UG and PG students and mapped with

outcome statements. Special hands on trainings were provided to teaching faculties for drafting outcome statements and calculation of result attainment. Good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020: Restructuring of Curriculum, Assessment process and Result reporting to reflect the achievements of higher order learning and mastery of subject have been practiced.

20.Distance education/online education:

Possibilities of offering vocational courses through ODL mode in the institution: The Institute in the campus has two study centres of Distance Education- Indira Gandhi National Open University (IGNOU) and Pt. Sunderlal Sharma Open University open for all students. Development and use of technological tools for teaching learning activities. Provide the details about the institutional efforts towards the blended learning: 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. Good practice/s of the institution pertaining to the Distance education/online education in view of NEP 2020: 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.Programme

1.1 58

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 7377

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

2394

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

9741

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

783

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

90

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 **58**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 **7377**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **2394**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **9741**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 **783**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	90
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	143
Number of sanctioned posts for the year:	
4.Institution	
4.1	2148
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	73
Total number of Classrooms and Seminar halls	
4.3	300
Total number of computers on campus for academic purposes	
4.4	698.67
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution lays constant emphasis on designing and implementing curricula that reciprocates local/regional/national/global (L/R/N/G) developmental needs, envisages the institutional/ departmental Vision and Mission as well as incorporates stakeholder's feedback. To ensure academic flexibility, ample subject combinations are being offered under UG program. All PG and few UG programs offer elective

courses. The curriculum is developed and updated by the respective departments according to the needs and demands of the time keeping in view the contemporary changes, developmental needs of the society; in alignment with the model curriculum prescribed by UGC, the guidelines of CGHE and Affiliating University. The outcome-based education (OBE) is being followed and New education policy (NEP 2020) has been implemented from the current session. The curricular relevance is adeptly reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs). Academic enrichment is ensured by permitting students to opt for Skills-embedded, Value-added and NPTEL/MOOC/Self-Learning courses beyond the curriculum. Projects/field work/industrial visits/internships are integrated in curricula to incorporate experiential learning for both UG and PG. There has been an incremental growth in the number of new courses introduced in the assessment period. Several programmes focussed on employability, entrepreneurship and skill development. Some MoU's have been signed to enhance employability. Linkages have been established with industries in order to facilitate industry visits, internship, hands on training. Women empowerment cell, YRC and green club routinely conduct activities.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Program%20Outcomes

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

46

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

783

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

163

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

24

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The functional development of curriculum in agreement with the

vision and mission of the college integrates all cross-cutting issues. The curriculum developed by the Departments of Hindi, English, Pol. Sc., Sociology, History, Psychology, Anthropology and Zoology offer courses which addresses gender issues through their writings and studies. Psychology department also runs a socio-psychological counselling centre authorized by district hospital.

To publicize the knowledge on Environmental issues, the college offers a course on Environmental Studies and Human Rights as Ability Enhancement Course including project report. In-depth studies on selected topics of environmental matters are included as regular courses in PG program in Economics, Botany, Zoology as Agricultural economics, Biodiversity and its conservation and Microbiology etc.

The institution has recently started programs like Master of Social Work and PG diploma courses on Yoga Education and Philosophy, Guidance and Councelling, Criminology and Forensic Science, Library Automation and Networking and English for Communications.

The UG and PG program in Commerce and Management covers courses on Principles of Management, Quality Management, Corporate Governance and Business Ethics, Legislations etc. Biosafety, Bioethics and IPR are encompassed as in-depth studies in some PG programs.

Participation of students in activity-based units like NCC for Boys and Girls, NSS and YRC, cultural programmes, observation of National and International days of importance, and celebration of other commemorative days indorse ample scope for integrating all the above said domains that manifest the holistic development of the students.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

66

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

4733

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2644

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Feedback%20Analysis%20Report%20and%20Action%20Taken
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Feedback%20Analysis%20Report%20and%20Action%20Taken
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2930

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1878

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Slow and advanced learners were shortlisted on the basis of marks obtained 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 were conducted, Study materials were provided to the students. Video lectures prepared by Faculty members have been uploaded on the institutional website. e-Notes and video lectures were shared with the students through social media groups and apps like WhatsApp, Telegram, Google Classroom and Teachmint etc. Question banks were prepared and made available to the students. Activities conducted for Advanced learners: Assignments and project works were assigned to them to inspire and motivate. They were encouraged to attend seminars, conferences and present papers therein. Industrial visits, internships, excursions and study tours were organized. They were allowed to borrow extra books from the departmental library. Cash prize and Medal were provided to the meritorious students under ISR. Students obtaining the highest marks in the UG and PG class were awarded gold medals. They were encouraged to register for NPTEL/MOOC/SWAYAM courses and encouraged to play leadership role in various activities like organizing competition and compering.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Rules%20and%20Regulations&topicid=777

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2023	7377	153

File Description	Documents
Upload any additional information	View File

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:

Student-centric methods in conventional Teaching-Learning Practices:

With the incorporation of ICT teaching tools and the ease of availability of mobile phones in the hands of students has given us new tools for making teaching learning even more student-centric. Group discussions, Debates, quizzes, Field visits, Seminars, Poster Making, Essay writing etc. are organized to encourage students. The project works pursued by the PG students under the guidance of faculty for which they visit some laboratories and industries and submit reports on their experience. Workshops on Phonetics and Pronunciation are organized for correct pronunciation to be learned and exercised. Soft Skills training Programmes have been organized to learn Common etiquette, interview skills and other aspects of personality development thoroughly. Student-centric methods in non-conventional Teaching Practices The classes were conducted in blended mode after the impact of the pandemic was slowed down. Under the Student-instructor Program classroom teaching is done by graduation students during their free periods to learn the methods of teaching, shed their hesitation in this endeavour. In-Campus Experiential Learning Initiatives (In-CELI) Readers Club, Wall Magazine, Drama Club, Film Society, Literary Society, House Quiz, Science Club, Commerce Club, Eco-Club, Departmental Associations, Women cell, Language Lab etc. were run by the students themselves under the supervision of faculty. Out-Campus Experiential Learning Initiative (Out-CELI) This programme includes Field surveys, Excursions, Industry visits, Visits to sites of historical and archaeological places etc.

Hands on sessions and Do It Yourself are organized to make learning more effective and participative.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Rules%20and%20Regulations&topicid=777

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

The college has internet broadband network available for students, faculty and staff in the campus with WiFi zones at various places and ICT enabled classrooms and smart classrooms. Every department is equipped with desktops, laptops smart boards and an LCD Projector foreffective teaching. The institution has a digitized library with eBooks and e-Journals facility. The faculty members, research scholars and PG students are registered with INFLIBNET.

With the availablity and accessebility of online modes, Institute has adopted flip classes for students to make classrooms more engaging. Cutting-edge educational technology like various conferencing apps, video lectures, PowerPoint presentations are extensively used in classroom teaching by the faculty. The apps like Zoom, Google Meet, Teachmint, Microsoft Team, Cisco Webex etc and apps clustered in G-suite were employed for online classes, webinars and e-Conferences. Study materials are shared through Google Classroom and Teachmint as well as through social media tools like WhatsApp. Video lectures were prepared and uploaded on the college website for the students. Students were encouraged to pursue online courses provided by MHRD like MOOC on SWAYAM, e-PGpathshala and NPTEL platforms.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://www.elibrarysciencecollegedurg.ac.in/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

153

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

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 at the onset of the academic session like orientation programme for freshers, commencement and completion of teaching in the semester and annual systems, organising internal tests, seminar presentations and submission of assignments and commencement of end-semester and annual examinations, declaration of results and dates of the important events such as College Annual Day, Sports-day, YuvaUtsav, etc. At the beginning of the session, every teacher has to submit his/her academic almanac that contains monthly and daily teaching plans showing the units and topics to be dealt in the class within the stipulated time frame. A consolidated report on academic performances evaluated through the audit is submitted to the IQAC at the end of the academic session. Various Activity Committees and Departmental Societies constituted to conduct extra-curricular and co-curricular activities in their respective timeline which is framed at the beginning of the session.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

90

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

76

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

16

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

19.58

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

The college has adopted an examination system open to consistent reforms. The strategic changes have been introduced through automation in the processing of examinations by integrating tools of Information Technology (IT) and by incorporating the Continuous Internal Assessment component. The Examination Management System (EMS) functions as per regulations adopted by the Governing Body of the college and approved by the Academic Council.

The following measures have been adopted in this regard:

1. Assignment-based evaluation using an online blended mode was introduced with due consideration of the Covid-19 pandemic.
2. Practical examinations were also conducted in online mode.
3. Google Forms were used for generating the internal assessment and practical exam, Question papers.
4. Viva-voce was conducted through Zoom/Google Meet/Microsoft Teams platforms.

5. Part of the internal assessment in PG classes was conducted in the form of video presentations by students on Zoom/Google Meet/Microsoft Teams platform.

6. Assignments were given and collected through Google Classroom (G-Suit).

7. Few students did their dissertation in PG fourth semester using GIS software-based problems.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/result.aspx

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The college has introduced Outcome-Based Education 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. The formulation of learning objectives and outcomes are started at the department level. The faculty members of each department revise the curricula every year focussing on recent developments in the discipline concerned. Taking this into account, the Programme Learning Objectives, Course Learning objectives, Programme Outcomes and Course Outcomes are laid down and forwarded for subsequent consideration and approval of the Board of Studies. After approval by B.O.S. and later by Academic Council, the POs and COs were shared with the students and teachers through printed as well as soft forms of syllabi. The outcomes of all the programmes and courses along with the detailed contents are also communicated to the students through WhatsApp Groups and displayed on institutional website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Programs%20Offered&topicid=566

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

POs, PSOs, and COs, are measured in terms of the academic performance of students. 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. There is a structured and efficient mechanism for the calculating attainment of the POs, PSOs, and COs in the college. 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. Attainment of Course Outcomes is calculated through Direct (Internal tests, assignments/presentations/ experiments/ quizzes/any other activity related to COs and final examination marks) and Indirect methods (Feedback from students, parents, alumni, and employers on the framed questionnaires).

A common format is used for finding the average attainment of COs /POs/PSOs. Three target levels are set for CO: Low, Moderate, and High attainment for direct and indirect methods which may vary from course to course. Attainment levels of all COs/ POs/PSOs are presented in a common format. Attainment of Mission is calculated by mapping PSOs with the Mission statements and assigning the scores. The achievement of Vision is evaluated based on Mission attainment values.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Attainments&topicid=69 4

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

2394

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.govtsciencecollegedurg.ac.in/spage.aspx?PageName=Annual%20Reports%20CoE&topicid=778

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

[https://www.govtsciencecollegedurg.ac.in/Content/5189_1314_sss%20report%202,7%20\(1\).pdf](https://www.govtsciencecollegedurg.ac.in/Content/5189_1314_sss%20report%202,7%20(1).pdf)

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

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,

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.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Policy
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year

(INR in lakhs)

6.6

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

05

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

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

57.85

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

21

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Project%20Grants
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

56

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

12

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.govtsciencecollegedurg.ac.in/Content/3963_1057_987_567_Link%20of%20Funding%20Agency.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

INNOVATION ECOSYSTEM The college has a ecosystem for innovation based activities viz.- 1.Academic innovation, 2.Entrepreneurship based innovation, 3.Natural Resource based innovation, Under academic innovation various kinds of nanoparticles have been synthesized in our college, and its applications have been also established. 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 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Entrepreneurship%20Cell%20and%20Incubation%20Center

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

29

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

286

File Description	Documents
URL to the research page on HEI website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Research%20Details#
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website

during the year

93

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

128

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/journals/

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

2054

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

15

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

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.25

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

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

2.25

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

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Our college has actively served the society and sensitize the student community as well as the society.

- Extensive screening and awareness programme was organized for Sickle Cell Anemia.
- An extensive screening and awareness programme for Glucose-6 phosphate dehydrogenase deficiency in the society was organized.
- Screening and mass awareness programme for prevention of anemia was organized, An extensive programme for environmental awareness was organized.
- An extensive service to worse affected kidney problem in the population of Supebeda of Gariyaband district was organized.
- 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.
- Extensive services for rural women related to malnutrition (specially about anaemia), sexually transmitted diseases and about maintenance of menstrual hygiene was organized.
- 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.
- 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,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Capacity%20building%20activities

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 the year

37

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

82

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

5186

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

22

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

The College has a comprehensive policy to develop and upgrade its infrastructure, including classrooms, laboratories, computer labs, seminar and conference halls, auditorium, library, playground, canteen, and parking. Adequate physical resources like equipment, books, ICT facilities, furniture, and teaching aids are ensured. Plans for future upgrades are in place. The New Autonomous building, funded by Janbhagidari, has 14 new rooms in block B, with 8 funded by RUSA and 6 by the State government's Higher Education fund. Additionally, 6 new rooms were constructed in the commerce building using RUSA funds. Safety measures include entrance barriers, fire extinguishers in all labs and blocks, and CCTV surveillance. Each block has toilets, and facilities like wheelchairs, walking sticks, Non-Visual Desktop Access software, braille books, and separate toilets cater to differently-abled students, with ramps for easy access. The campus has Wi-Fi enabled for internet access.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/Content/4887_1295_2852_691_4.1.1%20cp%20add1.pdf

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

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.

Infrastructural Facilities for Cultural Activities -

S.No.

Name of Auditorium

Area (sq.mt)

Seating Capacity

Year of Establishment

1

Tagore Hall

176.58

250

2014

2

Main Auditorium

(Sahid Veer Narayan Hall) (renovated)

208

350

1962

3

Swami Vivekanand Audio-Visual Hall

67.2

80

2008

4

Conference Room

64.8

50

2017

5

Dr. Sarvapalli Radhkrishan Autonomous & Examination Hall

319.8

250

2020-21

6

New Conference Hall

84

350

2020-21

7

Two open air theaters

819

1800

500

1000

1962

2020

8

New Auditorium

(Golden Jubilee Hall)

1081

1000

2020

Facilities for Sports Activities -

S.No.

Number of Ground/Court

Area (sq.mt)

Number of Users/Day

Year of Establishment

1

01- Indoor Badminton Court

81.74

15

2019

2

03- Outdoor Badminton Court

81.74

18

1965

3

01-Basket Ball Ground

430

20

1965

4

01-Football Ground

6000

30

1968

5

02-Volley Ball Ground

170

25

1982

6

01-Cricket Ground

5000

25

1990

7

01-Hockey Ground

6000

18

1986

8

08-Kabbaddi Ground

130

30

1968

9

01-Kho-Kho Ground

464

25

1968

10

01-Indoor Table Tennis Court

25

15

1980

11

01-Yoga and Meditation Hall

1250

20

2020

12

01-Gymanism

2500

12

2020

13

01-Lawn Tennis Court

270

06

2020

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Sports%20and%20Yoga&to picid=196

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

73

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR

in Lakhs)

213.01

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

4.2.1 - The library is automated using an Integrated Library Management System (ILMS)

Description of the library is provided with

- Name of the ILMS software- SLUL 1.0, SOUL 2.0, K-smart, LIBSYS Middleware application software, RFID Library Management System.
- Nature of automation (full or partial) - Fully automated
- Version SOUL 2.0
- Year of automation- 2007 (Via SOUL 2.0)

Central Library is located on the campus with a spacious and well-ventilated seating capacity of 100 and with 104015 books. A reading room is available. The library is fully automated with ILMS & RFID systems and software gives a user-friendly interface for searching resources in the library along with its position and availability status. The library has web-OPAC for providing remote access to its repository of textual resources. E-library is available for public access.

1. Fully automated library
2. Computers for public access - 10
3. Printers for public access - 06
4. Internet bandwidth speed - 100 Mbps
5. Institutional Repository

6. Content management system for e-learning: Available.

7. Resource sharing network is available through N-LIST, Libraries of Pt. Ravishankar Shukla University, Raipur, and Indira Gandhi Agriculture University, Raipur provide loan services. The college library extends reading facilities for those students who are preparing for competitive exams, NET, SLET, etc. along with the N-LIST facility.

1. e-journals - N-List

2. e-ShodhSindhu - e-Shodh Sindhu Component N-List

3. Shodhganga Membership - University

4. e-books: 3135000 online e-books available N-LIST Project and 154 offline e-books available

5. Databases: Institutional Repository

6. Remote access to e-resources: Shodh Gangotri, e-PG Pathshala and other INFLIBNET projects

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.elibrarysciencecollegedurg.ac.in/

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

1121710

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

532

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

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

The College maintains an IT policy to oversee Wi-Fi and cyber security infrastructure, regularly assessing its effectiveness. This policy ensures the legal, secure, and appropriate use, as well as the ongoing upgrade, of IT facilities.

Regarding ICT facilities, licensed software such as MS Office 2019, Tally ERP 9, and Photoshop CC 2019 are available, along with antivirus software like Quick Heal Pro. Open-source software includes SQL Server, Python, and Linux OS. The Central Library is fully automated with ILMS & RFID software, offering Web-OPAC facilities.

Eight smart classrooms are equipped with interactive technology, while the campus has 30 network connections. During the COVID-19 pandemic, classes were conducted at the Divisional Level as per the Department of Higher Education's instructions. Professors were

tasked with delivering online lectures and preparing e-content for both undergraduate and postgraduate students, which was made available on the college website and university portal.

All government-funded transactions are processed through PFMS, with salaries credited via an e-payroll system provided by the Government of Chhattisgarh.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science Content/1012_570_9,%20IT%20Policy%20&%20Guidelines.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7377	300

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ocm.govtsciencecollegedurg.ac.in/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

398.4

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

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 to utilize the facilities available in an efficient manner. The optimum utilization of classrooms is ensured through the functioning of the college in two shifts. The Time Table committee forms the general timetable to accommodate all the students in their theory or practical classes without overlaps. The principal investigators of various Major and minor research projects of Science departments have research labs equipped with necessary instruments. The Central Instrumentation laboratory is equipped with high-quality research instruments and is available for faculty members, research scholars, and PG students. The teachers, students, and scholars of other institutes are also permitted to utilize the resources of the labs on consultancy. The Computer lab, the English Language lab, the Commerce lab, and the Sanskrit lab have been upgraded. The Librarian and his team look after the maintenance of the library. The pest control process is done periodically to protect the books from termites and fungi. Technical & Wi-Fi committee resolved the network issue. The electricians and plumbers consistently maintain the equipment. The

entire campus is under surveillance. A barrier is fixed at the main entrance. The general cleaning work is done, supervised, and monitored by the staff in charge of the Cleanliness Committee. Ramps, wheelchairs, and special toilets are available in each block of the building and in the library for differently-abled students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science Content/1012 570 9,%20IT%20Policy%20&%20Guidelines.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

3774

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

105

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students? **A. All of the above**

capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://www.govtsciencecollegedurg.ac.in/Content/4855_1176_5.1.3%20link.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1211

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

311

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

733

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

13

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

61

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

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. However Student societies in each department nominated students as office bearers who coordinated with the teachers and students and assisted the department in promoting academic and extracurricular activities. Encouraging students' participation in administrative, academic, and extracurricular activities, facilitates developing various skills and competencies and foster holistic development.

Students actively 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. Their participation in workshops on 'Dhokra Art Training' and 'Terracotta and Ceramic art' 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4846_1272_5.3.2Additional%20Information%20pdf.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

19

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

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The college has a registered Alumni Association. Alumni engagement initiatives provide real-world connection to the college. 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 play a key role in: Academic collaborations 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 alumni are active participants in curriculum development and faculty enrichment programmes as well. The alumni association has instituted scholarships and gold medals to meritorious students of the institute. 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. Infrastructure development is another area of their active involvement. Aiming at allround holistic development of the students the association is also actively involved in the Annual Cultural Day celebrations of the college.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science Content/4857_1265_additional%205.4.1.pdf

5.4.2 - Alumni's financial contribution during the year

B. 10 Lakhs - 15 Lakhs

File Description	Documents
Upload any additional information	View File

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

Vision of the Institution

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

To translate the vision into reality, the institution is committed to:

- Embrace students from diverse backgrounds, including first-generation learners.
- Provide a variety of academic experiences for holistic student development.

- Foster humanistic and social values to inspire social responsibility.
- Cultivate entrepreneurial spirit among students.
- Encourage critical thinking for problem-solving.
- Promote quality research among faculty and students.
- Sensitize students to ecological, environmental, and human rights issues.
- Nurture global competencies.

The college strives to deliver quality education through academic excellence, project-based learning, internships, skill development, ethics, environmental awareness, and sustainability, molding responsible citizens. Strategic plans for five and ten years are formulated through IQAC composition meetings.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science_Content/4612_1164_6.1.1%20coverpage%20%20UPDATED.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization and a participative approach are integral to teaching, learning, evaluation, research, co-curricular activities, and administration of the institution. The organizational structure includes Faculty in Charge (Arts, Science, and Commerce), Heads of Departments, faculty members, prominent industrialists, alumni, student representatives, and parents. The administrative head plays a crucial role in policy governance.

Departments have the authority to manage activities within their domains, guided by well-defined procedures and protocols. Various committees and cells are established with clear roles and responsibilities.

The Student Union and Student Representatives provide valuable input on curricular, co-curricular, and extracurricular matters, while the Parent-Teacher Association fosters parent involvement in college activities. The college alumni is actively involved and this participation allows the alumni to give back to their alma mater.

The institution has several academic, extra-academic, and administrative committees, categorized into Academic Committees and Student Support Committees . These committees operate in accordance with established policies and manuals, ensuring effective institutional governance.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science/Content/4613_1164_6.1.2%20Cover%20page-2.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The IQAC plays a pivotal role in crafting a strategic plan aligned with the institution's vision and mission. This strategic plan has led to the introduction of several valuable initiatives by the college's departments, including Diploma courses, Certificate courses, and Value-Added courses. These specialized programs equip students with essential professional skills, preparing them to confront the challenges of the real world.

Furthermore, the institution has established Memorandums of Understanding (MoUs) with renowned national and international institutes, NGOs, and industries. These partnerships offer students invaluable international exposure and equip them to face both national and global challenges. Moreover, these collaborations encourage students to explore entrepreneurial endeavors.

To empower students to excel in competitive national and state-

level examinations, the college conducts coaching classes for exams like PSC and NET/SET, which are prerequisites for pursuing higher education. Those students who succeed in these exams, such as PSC, VYAPAM, and NET/SET, receive additional support in the form of coaching for interviews. Mock interviews are organized both centrally and within individual departments to enhance their interview skills and boost their confidence.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science/Content/4618_1164_6.2.1%20Press%20S_hiksha%20dan%20yojna%202023.pdf
Upload any additional information	View File

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

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 guideline and State Govt. rules.

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 guidelines are strictly followed for appointment and promotion of teaching staff. Chhattisgarh State Government rules are followed for the appointment and promotion of non -teaching staff.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.govtsciencecollegedurg.ac.in/science_Content/4616_1164_6.2.2%20CHART.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science_Content/4617_1164_6.2.2%20Cover%20page.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

Provision of GPF, GIS, Medical Reimbursement, Temporary Advance or

Part Final against GPF

2 Dearness, Travelling, & House Rent Allowance

3 Vehicle Allowance

4 State Govt. Retiring schemes

5 Concessional medical treatment ,First Aid and Psychosocial Counseling

- 6 3 tier promotion policy
- 7 3 tier time scale salary benefit
- 8 All types of leave as per UGC & State govt. norms
- 9 Yearly increment & Financial support for academic activities
- 10 Free Wifi of 100Mbps on campus and Domain email address
- 11 ATM, Canteen ,Stationary Shop and Letter Box facility on campus
- 12 Yearly increments to staff.
- 13 1% seat reservation for staff.
- 14 Reprographic ,R.O. drinking water and Gymnasium facility.
- 15 Uniform to class four employees and support staff.
- 16 Festival advance for class III & IV employees.
- 17 CCTV cameras and security equipments in the campus
- 18 Yoga and meditation classes
- 19 Washrooms for male and female staff
- 20 Parking for staff and students
- 21 Jobs on compassionate grounds for staff

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4665_1164_6.3.1_COVER%20PAGE%20paste%20link%20for%20additional.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

46

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

15

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

53

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute ensures the highest standards of financial accountability through a comprehensive auditing process. Internally, a dedicated committee, under the guidance of the Principal, oversees financial audits. This committee consists of staff members, the Registrar, and the Head Clerk. Their collective

expertise ensures meticulous scrutiny of the institution's financial records.

Externally, the institute subjects its financial accounts to thorough examination by multiple auditing bodies. Firstly, the Accountant General of Chhattisgarh (AG.CG) conducts an audit to ensure compliance with government regulations. Secondly, the Higher Education Department of the Chhattisgarh Government conducts an independent audit to assess financial management.

Additionally, to guarantee impartiality and expertise, the institute engages private Chartered Accountants who perform audits on its financial transactions. This diverse array of audit sources contributes to a robust and transparent financial oversight system.

Both internal and external audits are conducted annually, reinforcing the institute's commitment to transparency and clarity in all financial dealings. These rigorous evaluations not only uphold the institution's integrity but also ensure that financial resources are managed effectively for the betterment of the educational community it serves.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4628_1164_6.4.1.pdf

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

10.88

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The college has established an effective mechanism to mobilize and efficiently utilize funds and resources. Each department, under the guidance of their respective Heads, submits their requirements to the Purchase Committee, a body constituted by the Principal. This committee plays a central role in planning the budget for both academic and administrative activities at the start of the financial year, closely supervised by the Principal.

The Purchase Committee collaborates with various departmental committees, including the Library Advisory Committee, Research Committee, Student Welfare Committee, Amalgamated Fund Committee, Red Cross Committee, Sports Committee, and Infrastructure Committee, to formulate comprehensive strategies for fund mobilization and its prudent allocation.

Funds received from the State Government are promptly allocated to support extension activities, eco-friendly initiatives, and the functioning of various committees and forums. This ensures the optimal use of available resources to meet the needs of all stakeholders. Departments are informed of their budget approvals and are required to maintain accurate records of expenditures.

To guarantee transparency and accountability, both internal and external audits are conducted at the end of the financial year, ensuring the proper utilization and accounting of the funds received. This diligent approach upholds the institution's commitment to responsible financial management.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science Content/4649 1164 6.4.3 updated%20P aste%20link%20for%20additional%20Cover%20P age-2%20(1).pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC stands at the forefront of elevating and sustaining the educational excellence offered by the institution, championing two transformative practices:

1. Introduction of Value-Added, Certificate, and Diploma Courses:

In alignment with the vision of New Education Policy , the IQAC orchestrated an informative lecture to illuminate the faculty about its key elements, with a special emphasis on integrating Skill Development and Value-Added courses into the curriculum. The IQAC worked collaboratively with the Principal, staff council, and Heads of Departments (HODs) to propose these courses. This proposal garnered the endorsement of the staff council and was presented to the Board of Studies (BOS) for further evaluation. Subsequently, it advanced to the Academic Council and received the necessary approval from Higher Education authorities. This collective endeavor bore fruit in the form of 20 Value-Added, 05 Certificate, and 06 Diploma Courses being introduced within the institution.

2. Training and Placement:

Responding adeptly to the employability demands of Higher Education, the IQAC, in tandem with the Principal, Placement Cell, and HODs, initiated coaching for NET/SET exams, an essential requirement for aspiring PSC exam candidates. The college extended its support by providing coaching for PSC exams, specifically for the role of Assistant Professor. The Placement Cell continues to serve as a vital bridge between students and private or semi-private enterprises, ensuring that students are well-informed about job requirements and employment prospects. This comprehensive approach reaffirms the institution's commitment to equipping students with not only academic knowledge but also practical skills, thus opening doors to meaningful employment opportunities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science Content/4644_1164_6.5.1%20Cover%20page%20(1)%20(UPDATED).pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

For quality enhancement and to strengthen academic component to match the present-day requirement the institution has started professional courses which are as follows

Certificate Course in:

- Disaster Management
- Environmental Science
- Human Rights
- Information Technology
- Rural Development
- Consumer Protection
- Business Skill
- GST
- English for Communication Skills
- Soil and Water Analysis
- Vadic Ganit
-

Diploma Course in:

- Criminology and Forensic Science
- Library Automation and Networking
- Guidance and Counselling

- Tally and Taxation
- English Communication Skill
- Concepts of Epidemiology

Research Domain:

- To promote interdisciplinary research and teaching
- MoU's with institutes of repute at national and international level
- Provision of seed money and other financial aids for research

Administrative Domain:

- Library has been computerized
- Studio room for recording Video lectures installed

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4668_1164_6.5.2%20Cover%20page.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state,

A. Any 4 or all of the above

national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Minutes%20of%20Meeting&topicid=400
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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 year

The focal point of this academic session was fostering the wellness and well-being of students, with a range of initiatives implemented to achieve this goal. Various programs were conducted in collaboration with Vishakha Samiti and the Equal Opportunities cell, encouraging participation from both male and female students. The Grievance Redressal Cell diligently addressed women-centric issues, including those about gender sensitization. Facilities in the Girls' Common Room were enhanced, featuring reading amenities, a dressing area, washrooms equipped with a Sanitary napkin vending machine, and an incinerator. The safety of all female individuals on campus was prioritized through round-the-clock security guards and 42 CCTV cameras. Both undergraduate and postgraduate courses integrated modules promoting gender equity. Notably, special consideration was given to girls affected by Naxal attacks. Throughout the year, students had access to academic, psychological, and professional counselling facilitated by qualified counsellors at the counselling centre.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/Content/4861_1181_gender%20additional%20file%20to%20create%20link%20and%20upload.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The college implements a comprehensive waste management strategy, guided by the 3 R policy: Reduce, Reuse, and Recycle. Three distinct coloured bins facilitate waste segregation, with solid laboratory waste complying with government regulations. Paper waste undergoes recycling through a vendor or is shredded for paper mache production, while office automation minimizes paper usage. Organic waste, including dry leaves and kitchen waste, is utilized in composting and vermicomposting with the aid of earthworms. Single-use plastic is strictly prohibited on campus, and wood disposal involves conversion to plywood or compressed wood by an environmentally-conscious vendor. Rainwater and wastewater from toilets and washbasins are harnessed for gardening and laboratory cleaning post-filtration. Additionally, water from AC units is repurposed for plant irrigation. Solvents are recycled in laboratories, and solvent mixtures are disposed of in soak pits. Hazardous chemicals are securely stored, while e-waste is systematically handled by a government-certified vendor. The college adheres to UGC guidelines, ensuring no biomedical waste generation.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

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

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

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

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

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres
Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The institution prioritizes instilling social and ethical values through the delivery of high-quality education, catering to all segments of society, including marginalized groups, and empowering them to contribute to their communities. Admissions adhere to government regulations, welcoming students from diverse backgrounds, including those from other states and various categories such as SC/ST/OBC/GEN and Divyanjan, fostering a vibrant campus culture. Notably, students from Naxal-affected areas and those orphaned by COVID received free admission. Cultural events like Yuva Utsav celebrated the rich tapestry of cultures, while departments observed significant days such as National Unity Day and Sadbhavna Diwas. Curriculum adjustments introduced regional perspectives, while NSS and YRC organized village camps to raise awareness on cleanliness, substance abuse, and blood donation. The Department of MSW facilitated observational visits and training for students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The college endeavours to instil a deep sense of responsibility towards constitutional rights and duties among its students through various committees, including the Discipline committee, Anti-ragging cell, and Women and Equal Opportunity Cell. An

induction program is conducted for freshmen to familiarize them with the college's Code of Conduct. Seminars and webinars on Human Rights, Constitutional Oath, and workshops on Constitutional Values are regularly held. NSS students actively participate in voter awareness programs like SVEEP.

Students commit to cleanliness through pledges such as the Swachhta Shapath Pledge, Unity Day, Pledge for Water Conservation, and bans on the use of Plastic and Tobacco, as well as participation in social rallies for AIDS prevention. Important national days like Independence Day, Republic Day, Gandhi Jayanti, and Shastri Jayanti are celebrated, accompanied by essay and debate competitions on constitutional values organized by the Literary Society. NSS and the Literary Society organize Swachhta Pakhwada to commemorate Mahatma Gandhi's 150th Birth Anniversary.

Programs addressing Women's Rights, Gender Equity, Health, and Safety of women are conducted by the Women's Cell, which also celebrates International Women's Day alongside NSS.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized **A. All of the above**

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Our college is committed to providing students with the finest modern education while upholding cherished values and traditions. The college emphasizes a well-rounded global perspective by recognizing and celebrating significant days, fostering a sense of community. With 23 departments, each maintains a planner to identify and mark days for celebration or observation, imparting the values associated with these occasions. Events such as Republic Day, Basant Panchami, Independence Day, Tamaskar Jayanti, National Youth Day, and Shahid Diwas are commemorated by the college under the supervision of IQAC.

The institution also observes 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, and World Environment Day. Special attention is given to days like Mahatma Gandhi's Martyrdom Day (30th January), marked by a minute of silence at 11 am, and activities like the Bhagat Singh Rally. Additionally, students from the International Cultural Exchange Group have initiated a blog on social media to honor these significant occasions.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE I

Title: Holistic Mentoring for Student Success

Objective: Faculty mentors aim to foster students' academic success, ethical development, and personal growth, focusing on reducing dropouts and offering equitable support.

Context: Catering to a diverse student body, including those from underprivileged backgrounds, the college provides targeted mentoring for overall well-being.

Practice: This encompasses academic guidance, personal and professional development, tailored learning strategies, skill enhancement, moral support, leadership opportunities, and research and community involvement.

Evidence of Success: Notable achievements include higher pass rates, competitive exam success, increased further education enrolment, active seminar participation, career placements, startup ventures, and significant extracurricular and sports accolades.

Problems Encountered: Constraints include faculty availability, first-generation learner struggles, and addressing varied learning capacities.

BEST PRACTICE II

Title: Outcome-Based Curriculum & Skill Courses

Objective: This initiative targets global standards alignment, practical learning, skill application, talent development, and fostering employability and entrepreneurship among students.

Context: To bridge the gap between academic skills and job market demands, the college continuously innovates its curriculum, emphasizing employability through various courses and educational frameworks.

Practice: Incorporation of an evolving outcome-based syllabus, skill enhancement courses, value-added and elective courses, alongside workshops and project-based learning.

Evidence of Success: Highlights include extensive student participation in skill courses, internships, and significant enrollments in added-value programs, directly contributing to employability.

Problems Encountered: Challenges of self-doubt among rural students were mitigated through dedicated faculty mentorship, encouraging active program participation.

File Description	Documents
Best practices in the Institutional website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=College%20At%20A%20Glance&topicid=569
Any other relevant information	https://www.govtsciencecollegedurg.ac.in/Content/5233_1317_Best%20Practice%20coverpage%20new%20(1).pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Govt. V.Y.T.PG. Autonomous College's Research Policy aims to foster excellence in research, innovation, and integrity, promoting collaborative projects and the protection of Intellectual Property Rights among faculty and students.

The key highlights of research-related activities :

- Faculty received seed money totaling 6.6 lakhs for financial support.
- Five teachers were awarded National/International fellowships for advanced studies.
- Grants totaling 57.85 lakhs were secured from various organizations for research projects, endowments, and chairs.
- A total of 21 teachers are engaged in research projects.
- Fifty-six teachers are acknowledged as research guides.
- Twelve departments have research projects funded by Government or Non-Government agencies.
- Twenty-nine workshops/seminars were held on research methodology, IPR, entrepreneurship, and skill development.
- A total of 93 research publications are indexed in CARE Journals, 66 in Scopus, and 27 in Web of Science.
- Twenty-two students were conferred with Ph.D. degrees during this session.
- There are 2054 citations in Scopus and 1022 in Web of Science.
- The H-Index in Scopus and Web of Science stands at 15.
- A total of 56 Memorandums of Understanding (MOUs) were signed for research activities.
- Twenty-two collaborative activities were undertaken during the year.
- A total of 286 students are enrolled in the Ph.D. program.

Part B

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution lays constant emphasis on designing and implementing curricula that reciprocates local/regional/national/global (L/R/N/G) developmental needs, envisages the institutional/ departmental Vision and Mission as well as incorporates stakeholder's feedback. To ensure academic flexibility, ample subject combinations are being offered under UG program. All PG and few UG programs offer elective courses. The curriculum is developed and updated by the respective departments according to the needs and demands of the time keeping in view the contemporary changes, developmental needs of the society; in alignment with the model curriculum prescribed by UGC, the guidelines of CGHE and Affiliating University. The outcome-based education (OBE) is being followed and New education policy (NEP 2020) has been implemented from the current session. The curricular relevance is adeptly reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs). Academic enrichment is ensured by permitting students to opt for Skills-embedded, Value-added and NPTEL/MOOC/Self-Learning courses beyond the curriculum. Projects/field work/industrial visits/internships are integrated in curricula to incorporate experiential learning for both UG and PG. There has been an incremental growth in the number of new courses introduced in the assessment period. Several programmes focussed on employability, entrepreneurship and skill development. Some MoU's have been signed to enhance employability. Linkages have been established with industries in order to facilitate industry visits, internship, hands on training. Women empowerment cell, YRC and green club routinely conduct activities.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Program%20Outcomes

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

46

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

783

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

163

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

24

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The functional development of curriculum in agreement with the vision and mission of the college integrates all cross-cutting issues. The curriculum developed by the Departments of Hindi, English, Pol. Sc., Sociology, History, Psychology, Anthropology and Zoology offer courses which addresses gender issues through their writings and studies. Psychology department also runs a socio-psychological counselling centre authorized by district hospital.

To publicize the knowledge on Environmental issues, the college offers a course on Environmental Studies and Human Rights as Ability Enhancement Course including project report. In-depth studies on selected topics of environmental matters are included as regular courses in PG program in Economics, Botany, Zoology as Agricultural economics, Biodiversity and its conservation and Microbiology etc.

The institution has recently started programs like Master of Social Work and PG diploma courses on Yoga Education and Philosophy, Guidance and Counselling, Criminology and Forensic

Science, Library Automation and Networking and English for Communications.

The UG and PG program in Commerce and Management covers courses on Principles of Management, Quality Management, Corporate Governance and Business Ethics, Legislations etc. Biosafety, Bioethics and IPR are encompassed as in-depth studies in some PG programs.

Participation of students in activity-based units like NCC for Boys and Girls, NSS and YRC, cultural programmes, observation of National and International days of importance, and celebration of other commemorative days indorse ample scope for integrating all the above said domains that manifest the holistic development of the students.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

66

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

4733

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2644

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Feedback%20Analysis%20Report%20and%20Action%20Taken
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Feedback%20Analysis%20Report%20and%20Action%20Taken
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2930

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1878

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Slow and advanced learners were shortlisted on the basis of marks obtained 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 were conducted, Study materials were provided to the students. Video lectures prepared by Faculty members have been uploaded on the institutional website. e-Notes and video

lectures were shared with the students through social media groups and apps like WhatsApp, Telegram, Google Classroom and Teachmint etc. Question banks were prepared and made available to the students. Activities conducted for Advanced learners: Assignments and project works were assigned to them to inspire and motivate. They were encouraged to attend seminars, conferences and present papers therein. Industrial visits, internships, excursions and study tours were organized. They were allowed to borrow extra books from the departmental library. Cash prize and Medal were provided to the meritorious students under ISR. Students obtaining the highest marks in the UG and PG class were awarded gold medals. They were encouraged to register for NPTEL/MOOC/SWAYAM courses and encouraged to play leadership role in various activities like organizing competition and compering.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Rules%20and%20Regulations&topicid=777

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2023	7377	153

File Description	Documents
Upload any additional information	View File

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:

Student-centric methods in conventional Teaching-Learning Practices:

With the incorporation of ICT teaching tools and the ease of availability of mobile phones in the hands of students has given us new tools for making teaching learning even more

student-centric. Group discussions, Debates, quizzes, Field visits, Seminars, Poster Making, Essay writing etc. are organized to encourage students. The project works pursued by the PG students under the guidance of faculty for which they visitsomelaboratories and industries and submit reports on their experience. Workshops on Phonetics and Pronunciation are organized for correct pronunciation to be learned and exercised. Soft Skills training Programmes have been organized to learn Common etiquette, interview skills and other aspects of personality development thoroughly. Student-centric methods in non-conventional Teaching Practices The classes were conducted in blended mode after the impact of the pandemic was slowed down. Under the Student-instructor Program classroom teaching is done by graduation students during their free periods to learn the methods of teaching, shed their hesitation in this endeavour. In-Campus Experiential Learning Initiatives (In-CELI) Readers Club, Wall Magazine, Drama Club, Film Society, Literary Society, House Quiz, Science Club, Commerce Club, Eco-Club, Departmental Associations, Women cell, Language Lab etc. were run by the students themselves under the supervision of faculty. Out-Campus Experiential Learning Initiative (Out-CELI) This programme includes Field surveys, Excursions, Industry visits, Visits to sites of historical and archaeological places etc.

Hands on sessions and Do It Yourselves are organized to make learning more effective and participative.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Rules%20and%20Regulations&topicid=777

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

The college has internet broadband network available for students, faculty and staff in the campus with WiFi zones at various places and ICT enabled classrooms and smart classrooms. Every department is equipped with desktops, laptops smart boards and an LCD Projector foreffective teaching. The institution has a digitized library with eBooks and e-Journals

facility. The faculty members, research scholars and PG students are registered with INFLIBNET.

With the availability and accessibility of online modes, Institute has adopted flip classes for students to make classrooms more engaging. Cutting-edge educational technology like various conferencing apps, video lectures, PowerPoint presentations are extensively used in classroom teaching by the faculty. The apps like Zoom, Google Meet, Teachmint, Microsoft Team, Cisco Webex etc and apps clustered in G-suite were employed for online classes, webinars and e-Conferences. Study materials are shared through Google Classroom and Teachmint as well as through social media tools like WhatsApp. Video lectures were prepared and uploaded on the college website for the students. Students were encouraged to pursue online courses provided by MHRD like MOOC on SWAYAM, e-PGpathshala and NPTEL platforms.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://www.elibrarysciencecollegedurg.ac.in/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

153

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

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 at the onset of the academic session like orientation programme for freshers, commencement and completion of teaching in the semester and annual systems, organising internal tests, seminar presentations and submission of assignments and commencement of end-semester and annual examinations, declaration of results and dates of the important events such as College Annual Day, Sports-day, YuvaUtsav, etc. At the beginning of the session, every teacher has to submit his/her academic almanac that contains monthly and daily teaching plans showing the units and topics to be dealt in the class within the stipulated time frame. A consolidated report on academic performances evaluated through the audit is submitted to the IQAC at the end of the academic session. Various Activity Committees and Departmental Societies constituted to conduct extra-curricular and co-curricular activities in their respective timeline which is framed at the beginning of the session.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

90

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

76

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

16

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

19.58

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

The college has adopted an examination system open to consistent reforms. The strategic changes have been introduced through automation in the processing of examinations by integrating tools of Information Technology (IT) and by incorporating the Continuous Internal Assessment component. The Examination Management System (EMS) functions as per regulations adopted by the Governing Body of the college and approved by the Academic Council.

The following measures have been adopted in this regard:

1. Assignment-based evaluation using an online blended mode was introduced with due consideration of the Covid-19 pandemic.
2. Practical examinations were also conducted in online mode.
3. Google Forms were used for generating the internal assessment and practical exam, Question papers.
4. Viva-voce was conducted through Zoom/Google Meet/Microsoft Teams platforms.
5. Part of the internal assessment in PG classes was conducted in the form of video presentations by students on Zoom/Google Meet/Microsoft Teams platform.
6. Assignments were given and collected through Google Classroom (G-Suit).
7. Few students did their dissertation in PG fourth semester using GIS software-based problems.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/result.aspx

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The college has introduced Outcome-Based Education 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. The formulation of learning objectives and outcomes are started at the department level. The faculty members of each department revise the curricula every year focussing on recent developments in the discipline concerned. Taking this into account, the Programme Learning Objectives, Course Learning objectives, Programme Outcomes and Course Outcomes are laid down and forwarded for subsequent consideration and approval of the Board of Studies. After approval by B.O.S. and later by Academic Council, the POs and COs were shared with the students and teachers through printed as well as soft forms of syllabi. The outcomes of all the programmes and courses along with the detailed contents are also communicated to the students through WhatsApp Groups and displayed on institutional website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Programs%20Offered&topicid=566

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

POs, PSOs, and COs, are measured in terms of the academic performance of students. 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. There is a structured and efficient mechanism for the calculating attainment of the POs, PSOs, and COs in the college. 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. Attainment of Course Outcomes is calculated through Direct (Internal tests, assignments/presentations/ experiments/ quizzes/any other activity related to COs and final examination marks) and Indirect methods (Feedback from students, parents, alumni, and employers on the framed questionnaires).

A common format is used for finding the average attainment of COs /POs/PSOs. Three target levels are set for CO: Low, Moderate, and High attainment for direct and indirect methods which may vary from course to course. Attainment levels of all COs/ POs/PSOs are presented in a common format. Attainment of Mission is calculated by mapping PSOs with the Mission statements and assigning the scores. The achievement of Vision is evaluated based on Mission attainment values.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Attainments&topicid=694

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

2394

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Annual%20Reports%20CoE&topicid=778

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

[https://www.govtsciencecollegedurg.ac.in/Content/5189_1314_sss%20report%202,7%20\(1\).pdf](https://www.govtsciencecollegedurg.ac.in/Content/5189_1314_sss%20report%202,7%20(1).pdf)

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

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,

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.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Policy
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

6.6

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

05

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

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

57.85

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

21

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Project%20Grants
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

56

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

12

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.govtsciencecollegedurg.ac.in/Content/3963_1057_987_567_Link%20of%20Funding%20Agency.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

INNOVATION ECOSYSTEM The college has a ecosystem for innovation based activities viz.- 1.Academic innovation, 2.Entrepreneurship based innovation, 3.Natural Resource based innovation, Under academic innovation various kinds of nanoparticles have been synthesized in our college, and its applications have been also established. 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 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Entrepreneurship%20Cell%20and%20Incubation%20Center

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

29

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

286

File Description	Documents
URL to the research page on HEI website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Research%20Details#
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

93

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

128

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/journals/

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

2054

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

15

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

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.25

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

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

2.25

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

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Our college has actively served the society and sensitize the student community as well as the society.

- Extensive screening and awareness programme was organized for Sickle Cell Anemia.
- An extensive screening and awareness programme for Glucose-6 phosphate dehydrogenase deficiency in the society was organized.
- Screening and mass awareness programme for prevention of anemia was organized, An extensive programme for environmental awareness was organized.
- An extensive service to worse affected kidney problem in the population of Supebeda of Gariyaband district was organized.
- 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.
- Extensive services for rural women related to malnutrition (specially about anaemia), sexually transmitted diseases and about maintenance of menstrual hygiene was organized.
- 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.

- 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,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Capacity%20building%20activities

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 the year

37

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

82

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

5186

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

22

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

56

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

The College has a comprehensive policy to develop and upgrade its infrastructure, including classrooms, laboratories, computer labs, seminar and conference halls, auditorium, library, playground, canteen, and parking. Adequate physical resources like equipment, books, ICT facilities, furniture, and

teaching aids are ensured. Plans for future upgrades are in place. The New Autonomous building, funded by Janbhagidari, has 14 new rooms in block B, with 8 funded by RUSA and 6 by the State government's Higher Education fund. Additionally, 6 new rooms were constructed in the commerce building using RUSA funds. Safety measures include entrance barriers, fire extinguishers in all labs and blocks, and CCTV surveillance. Each block has toilets, and facilities like wheelchairs, walking sticks, Non-Visual Desktop Access software, braille books, and separate toilets cater to differently-abled students, with ramps for easy access. The campus has Wi-Fi enabled for internet access.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/Content/4887_1295_2852_691_4.1.1%20cp%20addl.pdf

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

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.

Infrastructural Facilities for Cultural Activities -

S.No.

Name of Auditorium

Area (sq.mt)

Seating Capacity

Year of Establishment

1

Tagore Hall

176.58

250

2014

2

Main Auditorium

(Sahid Veer Narayan Hall) (renovated)

208

350

1962

3

Swami Vivekanand Audio-Visual Hall

67.2

80

2008

4

Conference Room

64.8

50

2017

5

Dr. Sarvapalli Radhkrishan Autonomous & Examination Hall

319.8

250

2020-21

6

New Conference Hall

84

350

2020-21

7

Two open air theaters

819

1800

500

1000

1962

2020

8

New Auditorium

(Golden Jubilee Hall)

1081

1000

2020

Facilities for Sports Activities -

S.No.

Number of Ground/Court

Area (sq.mt)

Number of Users/Day

Year of Establishment

1

01- Indoor Badminton Court

81.74

15

2019

2

03- Outdoor Badminton Court

81.74

18

1965

3

01-Basket Ball Ground

430

20

1965

4

01-Football Ground

6000

30

1968

5

02-Volley Ball Ground

170

25

1982

6

01-Cricket Ground

5000

25

1990

7

01-Hockey Ground

6000

18

1986

8

08-Kabbaddi Ground

130

30

1968

9

01-Kho-Kho Ground

464

25

1968

10

01-Indoor Table Tennis Court

25

15

1980

11

01-Yoga and Meditation Hall

1250

20

2020

12

01-Gymanism

2500

12

2020

13

01-Lawn Tennis Court

270

06

2020

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Sports%20and%20Yoga&topicid=196

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

73

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

213.01

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

4.2.1 - The library is automated using an Integrated Library Management System (ILMS)

Description of the library is provided with

- Name of the ILMS software- SLUL 1.0, SOUL 2.0, K-smart,

LIBSYS Middleware application software, RFID Library Management System.

- Nature of automation (full or partial) - Fully automated
- Version SOUL 2.0
- Year of automation- 2007 (Via SOUL 2.0)

Central Library is located on the campus with a spacious and well-ventilated seating capacity of 100 and with 104015 books. A reading room is available. The library is fully automated with ILMS & RFID systems and software gives a user-friendly interface for searching resources in the library along with its position and availability status. The library has web-OPAC for providing remote access to its repository of textual resources. E-library is available for public access.

1. Fully automated library
 2. Computers for public access - 10
 3. Printers for public access - 06
 4. Internet bandwidth speed - 100 Mbps
 5. Institutional Repository
 6. Content management system for e-learning: Available.
 7. Resource sharing network is available through N-LIST, Libraries of Pt. Ravishankar Shukla University, Raipur, and Indira Gandhi Agriculture University, Raipur provide loan services. The college library extends reading facilities for those students who are preparing for competitive exams, NET, SLET, etc. along with the N-LIST facility.
1. e-journals - N-List
 2. e-ShodhSindhu - e-Shodh Sindhu Component N-List
 3. Shodhganga Membership - University
 4. e-books: 3135000 online e-books available N-LIST Project and 154 offline e-books available
 5. Databases: Institutional Repository
 6. Remote access to e-resources: Shodh Gangotri, e-PG Pathshala

and other INFLIBNET projects

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.elibrarysciencecollegedurg.ac.in/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

1121710

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

532

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

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

The College maintains an IT policy to oversee Wi-Fi and cyber security infrastructure, regularly assessing its effectiveness. This policy ensures the legal, secure, and appropriate use, as well as the ongoing upgrade, of IT facilities.

Regarding ICT facilities, licensed software such as MS Office 2019, Tally ERP 9, and Photoshop CC 2019 are available, along with antivirus software like Quick Heal Pro. Open-source software includes SQL Server, Python, and Linux OS. The Central Library is fully automated with ILMS & RFID software, offering Web-OPAC facilities.

Eight smart classrooms are equipped with interactive technology, while the campus has 30 network connections. During the COVID-19 pandemic, classes were conducted at the Divisional Level as per the Department of Higher Education's instructions. Professors were tasked with delivering online lectures and preparing e-content for both undergraduate and postgraduate students, which was made available on the college website and university portal.

All government-funded transactions are processed through PFMS, with salaries credited via an e-payroll system provided by the Government of Chhattisgarh.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/1012_570_9,%20IT%20Policy%20&%20Guidelines.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7377	300

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 250 Mbps
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File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ocm.govtsciencecollegedurg.ac.in/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

398.4

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

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 to utilize the facilities available in an efficient manner. The optimum utilization of classrooms is ensured through the functioning of the college in two shifts. The Time Table committee forms the general timetable to accommodate all the students in their theory or practical classes without overlaps. The principal investigators of various Major and minor research projects of Science departments have research labs equipped with necessary instruments. The Central Instrumentation laboratory is equipped with high-quality research instruments and is available for faculty members, research scholars, and PG students. The teachers, students, and scholars of other institutes are also permitted to utilize the resources of the labs on consultancy. The Computer lab, the English Language lab, the Commerce lab, and the Sanskrit lab have been upgraded. The Librarian and his team look after the maintenance of the library. The pest control process is done periodically to protect the books from termites and fungi. Technical & Wi-Fi committee resolved the network issue. The electricians and plumbers consistently maintain the equipment. The entire campus is under surveillance. A barrier is fixed at the main entrance. The general cleaning work is done, supervised, and monitored by the staff in charge of the Cleanliness Committee. Ramps, wheelchairs, and special toilets are available in each block of the building and in the library for differently-abled students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/1012_570_9,%20IT%20Policy%20&%20Guidelines.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

3774

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

105

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://www.govtsciencecollegedurg.ac.in/Content/4855_1176_5.1.3%20link.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1211

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
311	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
5.2.2 - Number of outgoing students progressing to higher education	
733	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
13	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
61	

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

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. However student societies in each department nominated students as office bearers who coordinated with the teachers and students and assisted the department in promoting academic and extracurricular activities. Encouraging students' participation in administrative, academic, and extracurricular activities, facilitates developing various skills and competencies and foster holistic development.

Students actively 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. Their participation in workshops on 'Dhokra Art Training' and 'Terracotta and Ceramic art' 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4846_1272_5.3.2Additional%20Information%20pdf.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

19

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

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The college has a registered Alumni Association. Alumni engagement initiatives provide real-world connection to the college. 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 play a key role in: Academic collaborations 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 alumni are active participants in curriculum development and faculty enrichment programmes as well. The alumni association has instituted scholarships and gold medals to meritorious students of the institute. 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. Infrastructure development is another area of their active involvement. Aiming at allround holistic development of the students the association is also actively involved in the Annual Cultural Day celebrations of the college.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science_Content/4857_1265_additional%205.4.1.pdf

5.4.2 - Alumni's financial contribution during the year	B. 10 Lakhs - 15 Lakhs
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File Description	Documents
Upload any additional information	View File

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

Vision of the Institution

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

To translate the vision into reality, the institution is committed to:

- Embrace students from diverse backgrounds, including first-generation learners.
- Provide a variety of academic experiences for holistic student development.
- Foster humanistic and social values to inspire social responsibility.
- Cultivate entrepreneurial spirit among students.

- Encourage critical thinking for problem-solving.
- Promote quality research among faculty and students.
- Sensitize students to ecological, environmental, and human rights issues.
- Nurture global competencies.

The college strives to deliver quality education through academic excellence, project-based learning, internships, skill development, ethics, environmental awareness, and sustainability, molding responsible citizens. Strategic plans for five and ten years are formulated through IQAC composition meetings.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science_Content/4612_1164_6.1.1%20coverpage%20%20UPDATED.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization and a participative approach are integral to teaching, learning, evaluation, research, co-curricular activities, and administration of the institution. The organizational structure includes Faculty in Charge (Arts, Science, and Commerce), Heads of Departments, faculty members, prominent industrialists, alumni, student representatives, and parents. The administrative head plays a crucial role in policy governance.

Departments have the authority to manage activities within their domains, guided by well-defined procedures and protocols. Various committees and cells are established with clear roles and responsibilities.

The Student Union and Student Representatives provide valuable input on curricular, co-curricular, and extracurricular matters, while the Parent-Teacher Association fosters parent

involvement in college activities. The college alumni is actively involved and this participation allows the alumni to give back to their alma mater.

The institution has several academic, extra-academic, and administrative committees, categorized into Academic Committees and Student Support Committees . These committees operate in accordance with established policies and manuals, ensuring effective institutional governance.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science Content/4613_1164_6.1.2%20Cover%20page-2.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The IQAC plays a pivotal role in crafting a strategic plan aligned with the institution's vision and mission. This strategic plan has led to the introduction of several valuable initiatives by the college's departments, including Diploma courses, Certificate courses, and Value-Added courses. These specialized programs equip students with essential professional skills, preparing them to confront the challenges of the real world.

Furthermore, the institution has established Memorandums of Understanding (MoUs) with renowned national and international institutes, NGOs, and industries. These partnerships offer students invaluable international exposure and equip them to face both national and global challenges. Moreover, these collaborations encourage students to explore entrepreneurial endeavors.

To empower students to excel in competitive national and state-level examinations, the college conducts coaching classes for

exams like PSC and NET/SET, which are prerequisites for pursuing higher education. Those students who succeed in these exams, such as PSC, VYAPAM, and NET/SET, receive additional support in the form of coaching for interviews. Mock interviews are organized both centrally and within individual departments to enhance their interview skills and boost their confidence.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science Content/4618 1164 6.2.1%20Press%20Shiksha%20dan%20yojna%202023.pdf
Upload any additional information	View File

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

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 guideline and State Govt. rules.

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 guidelines are strictly followed for appointment and promotion of teaching staff. Chhattisgarh State Government rules are followed for the appointment and promotion of non-teaching staff.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.govtsciencecollegedurg.ac.in/science_Content/4616_1164_6.2.2%20CHART.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science_Content/4617_1164_6.2.2%20Cover%20page.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
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File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies
6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression
Provision of GPF, GIS, Medical Reimbursement, Temporary Advance or
Part Final against GPF
2 Dearness, Travelling, & House Rent Allowance
3 Vehicle Allowance
4 State Govt. Retiring schemes
5 Concessional medical treatment ,First Aid and Psychosocial

Counseling

6 3 tier promotion policy

7 3 tier time scale salary benefit

8 All types of leave as per UGC & State govt. norms

9 Yearly increment & Financial support for academic activities

10 Free Wifi of 100Mbps on campus and Domain email address

11 ATM, Canteen ,Stationary Shop and Letter Box facility on campus

12 Yearly increments to staff.

13 1% seat reservation for staff.

14 Reprographic ,R.O. drinking water and Gymnasium facility.

15 Uniform to class four employees and support staff.

16 Festival advance for class III & IV employees.

17 CCTV cameras and security equipments in the campus

18 Yoga and meditation classes

19 Washrooms for male and female staff

20 Parking for staff and students

21 Jobs on compassionate grounds for staff

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4665_1164_6.3.1_COVER%20PAGE%20paste%20link%20for%20additional.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the

year

46

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

15

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

53

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute ensures the highest standards of financial accountability through a comprehensive auditing process. Internally, a dedicated committee, under the guidance of the Principal, oversees financial audits. This committee consists of staff members, the Registrar, and the Head Clerk. Their collective expertise ensures meticulous scrutiny of the institution's financial records.

Externally, the institute subjects its financial accounts to thorough examination by multiple auditing bodies. Firstly, the Accountant General of Chhattisgarh (AG.CG) conducts an audit to ensure compliance with government regulations. Secondly, the Higher Education Department of the Chhattisgarh Government conducts an independent audit to assess financial management.

Additionally, to guarantee impartiality and expertise, the institute engages private Chartered Accountants who perform audits on its financial transactions. This diverse array of audit sources contributes to a robust and transparent financial oversight system.

Both internal and external audits are conducted annually, reinforcing the institute's commitment to transparency and clarity in all financial dealings. These rigorous evaluations not only uphold the institution's integrity but also ensure that financial resources are managed effectively for the betterment of the educational community it serves.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science Content/4628 1164 6.4.1.pdf

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

10.88

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The college has established an effective mechanism to mobilize and efficiently utilize funds and resources. Each department, under the guidance of their respective Heads, submits their requirements to the Purchase Committee, a body constituted by the Principal. This committee plays a central role in planning the budget for both academic and administrative activities at the start of the financial year, closely supervised by the Principal.

The Purchase Committee collaborates with various departmental committees, including the Library Advisory Committee, Research Committee, Student Welfare Committee, Amalgamated Fund Committee, Red Cross Committee, Sports Committee, and Infrastructure Committee, to formulate comprehensive strategies for fund mobilization and its prudent allocation.

Funds received from the State Government are promptly allocated to support extension activities, eco-friendly initiatives, and the functioning of various committees and forums. This ensures the optimal use of available resources to meet the needs of all stakeholders. Departments are informed of their budget approvals and are required to maintain accurate records of expenditures.

To guarantee transparency and accountability, both internal and external audits are conducted at the end of the financial year, ensuring the proper utilization and accounting of the funds received. This diligent approach upholds the institution's commitment to responsible financial management.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/science_Content/4649_1164_6.4.3_updated%20Paste%20link%20for%20additional%20Cover%20Page-2%20(1).pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC stands at the forefront of elevating and sustaining the educational excellence offered by the institution, championing two transformative practices:

1. Introduction of Value-Added, Certificate, and Diploma Courses:

In alignment with the vision of New Education Policy, the IQAC orchestrated an informative lecture to illuminate the faculty about its key elements, with a special emphasis on integrating Skill Development and Value-Added courses into the curriculum. The IQAC worked collaboratively with the Principal, staff council, and Heads of Departments (HODs) to propose these courses. This proposal garnered the endorsement of the staff council and was presented to the Board of Studies (BOS) for further evaluation. Subsequently, it advanced to the Academic Council and received the necessary approval from Higher Education authorities. This collective endeavor bore fruit in the form of 20 Value-Added, 05 Certificate, and 06 Diploma Courses being introduced within the institution.

2. Training and Placement:

Responding adeptly to the employability demands of Higher Education, the IQAC, in tandem with the Principal, Placement Cell, and HODs, initiated coaching for NET/SET exams, an essential requirement for aspiring PSC exam candidates. The college extended its support by providing coaching for PSC

exams, specifically for the role of Assistant Professor. The Placement Cell continues to serve as a vital bridge between students and private or semi-private enterprises, ensuring that students are well-informed about job requirements and employment prospects. This comprehensive approach reaffirms the institution's commitment to equipping students with not only academic knowledge but also practical skills, thus opening doors to meaningful employment opportunities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science Content/4644 1164 6.5.1%20Cover%20page%20(1)%20(UPDATED).pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

For quality enhancement and to strengthen academic component to match the present-day requirement the institution has started professional courses which are as follows

Certificate Course in:

- Disaster Management
- Environmental Science
- Human Rights
- Information Technology
- Rural Development
- Consumer Protection
- Business Skill
- GST

- English for Communication Skills
- Soil and Water Analysis
- Vadic Ganit
-

Diploma Course in:

- Criminology and Forensic Science
- Library Automation and Networking
- Guidance and Counselling
- Tally and Taxation
- English Communication Skill
- Concepts of Epidemiology

Research Domain:

- To promote interdisciplinary research and teaching
- MoU's with institutes of repute at national and international level
- Provision of seed money and other financial aids for research

Administrative Domain:

- Library has been computerized
- Studio room for recording Video lectures installed

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/science_Content/4668_1164_6.5.2%20Cover%20page.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Minutes%20of%20Meeting&topicid=400
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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 year

The focal point of this academic session was fostering the wellness and well-being of students, with a range of initiatives implemented to achieve this goal. Various programs were conducted in collaboration with Vishakha Samiti and the Equal Opportunities cell, encouraging participation from both male and female students. The Grievance Redressal Cell diligently addressed women-centric issues, including those

about gender sensitization. Facilities in the Girls' Common Room were enhanced, featuring reading amenities, a dressing area, washrooms equipped with a Sanitary napkin vending machine, and an incinerator. The safety of all female individuals on campus was prioritized through round-the-clock security guards and 42 CCTV cameras. Both undergraduate and postgraduate courses integrated modules promoting gender equity. Notably, special consideration was given to girls affected by Naxal attacks. Throughout the year, students had access to academic, psychological, and professional counselling facilitated by qualified counsellors at the counselling centre.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/Content/4861_1181_gender%20additional%20file%20to%20create%20link%20and%20upload.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The college implements a comprehensive waste management strategy, guided by the 3 R policy: Reduce, Reuse, and Recycle. Three distinct coloured bins facilitate waste segregation, with solid laboratory waste complying with government regulations. Paper waste undergoes recycling through a vendor or is shredded for paper mache production, while office automation minimizes paper usage. Organic waste, including dry leaves and kitchen waste, is utilized in composting and vermicomposting with the aid of earthworms. Single-use plastic is strictly prohibited on

campus, and wood disposal involves conversion to plywood or compressed wood by an environmentally-conscious vendor. Rainwater and wastewater from toilets and washbasins are harnessed for gardening and laboratory cleaning post-filtration. Additionally, water from AC units is repurposed for plant irrigation. Solvents are recycled in laboratories, and solvent mixtures are disposed of in soak pits. Hazardous chemicals are securely stored, while e-waste is systematically handled by a government-certified vendor. The college adheres to UGC guidelines, ensuring no biomedical waste generation.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**

A. Any 4 or All of the above

**4. Ban on use of plastic
5. Landscaping**

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

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with

A. Any 4 or all of the above

disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The institution prioritizes instilling social and ethical values through the delivery of high-quality education, catering to all segments of society, including marginalized groups, and empowering them to contribute to their communities. Admissions adhere to government regulations, welcoming students from diverse backgrounds, including those from other states and various categories such as SC/ST/OBC/GEN and Divyanjan, fostering a vibrant campus culture. Notably, students from Naxal-affected areas and those orphaned by COVID received free admission. Cultural events like Yuva Utsav celebrated the rich tapestry of cultures, while departments observed significant days such as National Unity Day and Sadbhavna Diwas. Curriculum adjustments introduced regional perspectives, while NSS and YRC organized village camps to raise awareness on cleanliness, substance abuse, and blood donation. The Department of MSW facilitated observational visits and training for students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The college endeavours to instil a deep sense of responsibility towards constitutional rights and duties among its students through various committees, including the Discipline committee, Anti-ragging cell, and Women and Equal Opportunity Cell. An induction program is conducted for freshmen to familiarize them with the college's Code of Conduct. Seminars and webinars on Human Rights, Constitutional Oath, and workshops on Constitutional Values are regularly held. NSS students actively participate in voter awareness programs like SVEEP.

Students commit to cleanliness through pledges such as the Swachhta Shapath Pledge, Unity Day, Pledge for Water Conservation, and bans on the use of Plastic and Tobacco, as well as participation in social rallies for AIDS prevention. Important national days like Independence Day, Republic Day, Gandhi Jayanti, and Shastri Jayanti are celebrated, accompanied by essay and debate competitions on constitutional values organized by the Literary Society. NSS and the Literary Society organize Swachhta Pakhwada to commemorate Mahatma Gandhi's 150th Birth Anniversary.

Programs addressing Women's Rights, Gender Equity, Health, and Safety of women are conducted by the Women's Cell, which also celebrates International Women's Day alongside NSS.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and

A. All of the above

other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Our college is committed to providing students with the finest modern education while upholding cherished values and traditions. The college emphasizes a well-rounded global perspective by recognizing and celebrating significant days, fostering a sense of community. With 23 departments, each maintains a planner to identify and mark days for celebration or observation, imparting the values associated with these occasions. Events such as Republic Day, Basant Panchami, Independence Day, Tamaskar Jayanti, National Youth Day, and Shahid Diwas are commemorated by the college under the supervision of IQAC.

The institution also observes 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, and World Environment Day. Special attention is given to days like Mahatma Gandhi's Martyrdom Day (30th January), marked by a minute of silence at 11 am, and activities like the Bhagat Singh Rally. Additionally, students from the International Cultural Exchange Group have initiated a blog on social media to honor these significant occasions.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE I

Title: Holistic Mentoring for Student Success

Objective: Faculty mentors aim to foster students' academic success, ethical development, and personal growth, focusing on reducing dropouts and offering equitable support.

Context: Catering to a diverse student body, including those from underprivileged backgrounds, the college provides targeted mentoring for overall well-being.

Practice: This encompasses academic guidance, personal and professional development, tailored learning strategies, skill enhancement, moral support, leadership opportunities, and research and community involvement.

Evidence of Success: Notable achievements include higher pass rates, competitive exam success, increased further education enrolment, active seminar participation, career placements, startup ventures, and significant extracurricular and sports accolades.

Problems Encountered: Constraints include faculty availability, first-generation learner struggles, and addressing varied learning capacities.

BEST PRACTICE II

Title: Outcome-Based Curriculum & Skill Courses

Objective: This initiative targets global standards alignment, practical learning, skill application, talent development, and fostering employability and entrepreneurship among students.

Context: To bridge the gap between academic skills and job market demands, the college continuously innovates its curriculum, emphasizing employability through various courses and educational frameworks.

Practice: Incorporation of an evolving outcome-based syllabus, skill enhancement courses, value-added and elective courses, alongside workshops and project-based learning.

Evidence of Success: Highlights include extensive student participation in skill courses, internships, and significant enrollments in added-value programs, directly contributing to employability.

Problems Encountered: Challenges of self-doubt among rural students were mitigated through dedicated faculty mentorship, encouraging active program participation.

File Description	Documents
Best practices in the Institutional website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=College%20At%20A%20Glance&topicid=569
Any other relevant information	https://www.govtsciencecollegedurg.ac.in/Content/5233_1317_Best%20Practice%20coverpage%20new%20(1).pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Govt. V.Y.T.PG. Autonomous College's Research Policy aims to foster excellence in research, innovation, and integrity, promoting collaborative projects and the protection of Intellectual Property Rights among faculty and students.

The key highlights of research-related activities :

- Faculty received seed money totaling 6.6 lakhs for financial support.
- Five teachers were awarded National/International fellowships for advanced studies.
- Grants totaling 57.85 lakhs were secured from various organizations for research projects, endowments, and chairs.
- A total of 21 teachers are engaged in research projects.
- Fifty-six teachers are acknowledged as research guides.
- Twelve departments have research projects funded by Government or Non-Government agencies.
- Twenty-nine workshops/seminars were held on research methodology, IPR, entrepreneurship, and skill development.
- A total of 93 research publications are indexed in CARE Journals, 66 in Scopus, and 27 in Web of Science.
- Twenty-two students were conferred with Ph.D. degrees during this session.
- There are 2054 citations in Scopus and 1022 in Web of Science.
- The H-Index in Scopus and Web of Science stands at 15.
- A total of 56 Memorandums of Understanding (MOUs) were signed for research activities.
- Twenty-two collaborative activities were undertaken during the year.
- A total of 286 students are enrolled in the Ph.D. program.

File Description	Documents
Appropriate link in the institutional website	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=College%20At%20A%20Glance&topicid=570
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

7.3.2 - Plan of action for the next academic year The college has crafted a vision focused on fostering growth and advancement in the following domains: Academics, Research, Infrastructure, Administrative practices & System of Governance Academics • Scaling up the curriculum to ensure skill development and employability. • Introduction of industry-

ready value-added, certificate, and diploma courses. •
Implementation of a Choice-Based Credit System and Academic
Bank Credit as per NEP. • Integration of IKS in existing
curriculum and co-curricular syllabi. 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 government and
nongovernment agencies. Infrastructure • Construction of new
block for Commerce Faculty. • Automation and digitalization of
academic and administrative domains. • Construction of new
classrooms. • Expansion of the gymnasium. 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 in with the
Vision and Mission statement of the college. • Complete
automation of governance at all stages.