YEARLY STATUS REPORT - 2023-2024

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. AJAYA KUMAR 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)   9406207572

- 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. Pragya Kulkarni**

- Phone No.   **9826142086**

- Mobile No: **9826142086**

- IQAC e-mail ID   **iqac2022@govtsciencecollegedurg.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://www.govtsciencecollegedurg.ac.in/science_Content/5639_2_34168.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/scpage.aspx?PageName=Academic%20Calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**76.00**	**2005**	**03/05/2004**	**02/05/2009**
Cycle 2	**A**	**3.10**	**2011**	**30/10/2011**	**29/11/2016**
Cycle 3	**A+**	**3.58**	**2017**	**22/02/2017**	**21/02/2022**
Cycle 4	**A+**	**3.47**	**2023**	**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. PG Autonomous College Durg	CPE I	UGC	16/08/2006	10000000
Govt.V.Y.T. PG Autonomous College Durg	CPE II	UGC	13/03/2011	7500000
Govt.V.Y.T. PG Autonomous College Durg	CPE II	UGC	01/04/2014	8800000
Govt.V.Y.T. PG Autonomous College Durg	DST FIST	DST	28/08/2009	4000000
Govt.V.Y.T. PG Autonomous College Durg	STAR COLLEGE	DBT	29/02/2012	6600000
Govt.V.Y.T. PG Autonomous College Durg	BSR	UGC	23/03/2009	1000000
Govt.V.Y.T. PG Autonomous College Durg	INSPIRE	DST	03/01/2020	1100000
Govt.V.Y.T. PG Autonomous College Durg	XI	UGC	30/12/2009	9135000
Govt.V.Y.T. PG Autonomous College Durg	XII	UGC	24/03/2014	8700000

23-01-2025 04:46:13

Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	28/03/2015	500000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	23/03/2016	5000000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	29/07/2017	5650000
Govt.V.Y.T. PG Autonomous College Durg	RUSA	RUSA	22/01/2018	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:

- Upload the latest notification regarding the composition of the IQAC by the HEI   View File

9.No. of IQAC meetings held during the year   4

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report — No File Uploaded

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)

Awareness sessions on NEP for Teaching and Non Teaching Staff

Workshop on key aspect of NIRF and prepared a roadmap for improving ranking of HEI

Orientation of Guest Lecturers regarding changes in new system

Induction sessions for students of all programs to help them understand flexibility in new system

Organized workshops, seminars and extension activities throughout the sessions in all academic departments.

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
Evaluation of Depratmental Activities, a peer review mechanism was setup for evaluation	Comprehensive Academic Audits was done and shared with departments for review and action.
Promotion of Interdisciplinary and Collabrative appraoch among faculties	Faculties attended the Training in Multidisciplinary Courses and also organized national and international confrences funded by PM-USHA
Enhance Activities to attain NIRF benchmark of Institution	One day workshop on NIRF Ranking to workout the lacunae regarding ranking for Autonomous College.
NEP implementation to be made smooth	Induction and Orientation of students and Teachers, NEP student and T ambassadors and
Integration of IKS in existing curricular and co-curricular activities	A Seven days workshop on IKS was organized and discussion were made on how to integrate, Revised syllabus includes IKS component at relevant places

13.Was the AQAR placed before the statutory body?   **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	22/10/2024

14.Was the institutional data submitted to AISHE ?   **Yes**

- Year

Part A	
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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	22/10/2024

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
2023	28/11/2024

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 beingsintellectual, 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 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 complition 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 mastry 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 experimentbased 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   **6345**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **2193**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **11009**

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   **866**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **84**

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	**6345**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**2193**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

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

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Institutional Data in Prescribed Format	[View File](#)

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3.1	**866**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2 Number of full-time teachers during the year:	**84**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**143**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**2148**
4.2 Total number of Classrooms and Seminar halls	**79**
4.3 Total number of computers on campus for academic purposes	**300**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**1240.79**

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 prioritizes curricula that align with local, regional, national, and global developmental needs, integrating stakeholder feedback for continuous improvement. Academic flexibility is emphasized with diverse subject combinations in undergraduate (UG) programs and elective courses in both UG and postgraduate (PG) levels. The curriculum, periodically updated by departments, incorporates contemporary developments and

adheres to UGC, CGHE, and affiliating university guidelines.

Since adopting Outcome-Based Education (OBE) in 2019,and implimentation of NEP 2020, the institution has aligned its programs with global frameworks of Program Outcomes (POs), Program-Specific Outcomes (PSOs), and Course Outcomes (COs), addressing evolving societal demands. For example, B.Sc. programs meet industrial and technical needs, B.A. programs focus on humanities and social sciences, and M.Sc. programs target scientific, environmental, and technological competencies.

Additionally, value-added courses in areas like marketing management, digital marketing, and computational mathematics enhance employability. Experiential learning through internships, fieldwork, and workshops, alongside community service activities, supports personal and social development. The curriculum is developed with input from various stakeholders, ensuring its relevance and alignment with local, regional, and global trends, while preparing students for workforce demands and societal contributions.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://www.govtsciencecollegedurg.ac.in/Content/6037_1443_Cover%20page%20CO%20PO%20Syllabus%20Link.pdf

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

35

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

866

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

166

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

48

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 college's curriculum development is aligned with its vision and mission, focusing on holistic education and addressing cross-cutting issues. Departments like Hindi, English, Political Science, Sociology, and others offer courses on gender equality, psychological health, and reproductive issues. The Psychology Department also runs a socio-psychological counselling center, authorized by the district hospital, offering vital mental health services.

Environmental sustainability is central, with courses on Environmental Studies, Human Rights, and specialized postgraduate programs in Agricultural Economics, Biodiversity, and Bioremediation. Students engage in projects on environmental issues, fostering awareness. The college also promotes sustainable practices through programs like Agriculture, Environmental Microbiology, and Vermicomposting.

Character development is emphasized through programs like the Master of Social Work and PG Diploma in Yoga Education. Workshops on life skills, meditation, and social psychology are regularly organized. Professional ethics courses are integrated into UG and PG programs, and the Career and Placement Cell supports career readiness.

To enhance employability, the college offers Value-Added Courses, internships, field projects, and access to platforms like SWAYAM, NPTEL, and Coursera. Community engagement through NCC, NSS, and YRC further fosters personal growth and social responsibility, ensuring well-rounded student development.

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

14

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

6172

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

3271

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

2966

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)

1854

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 marksobtained in the qualifying examination at the entry-level andverbal interaction in their classes. Activities conducted for slowlearners: Personal attention was given to every slow learner inclassroom by respective subject teachers. Remedial classes wereconducted, Study materials were provided to the students. Videolectures prepared by Faculty members have been uploaded on theinstitutional website. e-Notes and video lectures were shared withthe students through social media groups and apps like WhatsApp,Telegram, Google Classroom and Teachmint etc. Question banks wereprepared and made available to the students. Activities conductedfor Advanced learners: Assignments and project works were assignedto them to inspire and motivate. They were encouraged to attendseminars, conferences and present papers therein. Industrialvisits, internships, excursions and study tours were organized.They were allowed to borrow extra books from the departmentallibrary. Cash prize and Medal were provided to the meritoriousstudents under ISR. Students obtaining the highest marks in the UGand PG class were awarded gold medals. They were encouraged toregister for NPTEL/MOOC/SWAYAM courses and encouraged to playleadership role in various activities like organizing competitionand compering.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nptel.ac.in/localchapter/statistics/4133

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2024	6345	84

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-LearningPractices: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 studentcentric. Group discussions, Debates, quizzes, Field visits,Seminars, Poster Making, Essay writing etc. are organized toencourage students. The project works pursued by the PG studentsunder the guidance of faculty for which they visitsomelaboratoriesand industries and submit reports on their experience. Workshopson Phonetics and Pronunciation are organized for correctpronunciation to be learned and exercised. Soft Skills trainingProgrammes have been organized to learn Common etiquette,interview skills and other aspects of personality developmentthoroughly. Student-centric methods in non-conventional TeachingPractices The classes were conducted in blended mode after theimpact of the pandemic was slowed down. Under the StudentinstructorProgram classroom teaching is done by graduationstudents during their free periods to learn the methods ofteaching, shed their hesitation in this endeavour. In-Campus Experiential Learning Initiatives (In-CELI) Readers Club, WallMagazine, 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 themselvesunder the supervision of faculty. Out-Campus Experiential LearningInitiative (Out-CELI) This programme includes Field surveys,Excursions, Industry visits, Visits to sites of historical andarchaeological places etc.Hands on sessions and Do It Yourselves are organized to makelearning more effective and participative.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.govtsciencecollegedurg.ac.in/events_details.aspx?eid=399

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 placesand ICT enabled classrooms and smart classrooms. Every departmentis equipped with desktops, laptops smart boards and an LCDProjector foreffective teaching. The institution has a digitizedlibrary 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, Institutehas adopted flip classes for students to make classrooms moreengaging. Cutting-edge educational technology like various conferencing apps, video lectures, PowerPoint presentations areextensively used in classroom teaching by the faculty. The apps like Zoom, Google Meet, Teachmint, Microsoft Team, Cisco Webex etcand apps clustered in G-suite were employed for online classes, webinars and e-Conferences. Study materials are shared throughGoogle Classroom and Teachmint as well as through social media tools like WhatsApp. Video lectures were prepared and uploaded onthe 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

140

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 Governmentand 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 ActivityCommittees and Departmental Societies are 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

84

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

74

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

23.33

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

09

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 consistentreforms. The strategic changes have been introduced throughautomation in the processing of examinations by integrating toolsof Information Technology (IT) and by incorporating the ContinuousInternal Assessment component. The Examination Management System(EMS) functions as per regulations adopted by the Governing Bodyof 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 wasintroduced 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 assessmentand practical exam,Question papers. 4. Viva-voce was conducted through Zoom/Google Meet/MicrosoftTeams platforms.

5. Part of the internal assessment in PG classes was conducted inthe form of video presentations by students onZoom/GoogleMeet/Microsoft Teams platform. 6. Assignments were given and collected through Google Classroom(G-Suit). 7. Few

students did their dissertation in PG fourth semester usingGIS 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, whichaddresses knowledge, skills, and values and holds a pragmatic andcreative approach to life. It is adopted as a standard by whichthe teaching-learning process is benchmarked and evaluated. Thisinitiative has made the stakeholders comprehend the quality andnature of learning outcomes of a particular programme or course.That enables the college to maintain the academic standards ofvarious programmes and to make the pedagogical quality compatiblein national and global scenarios. The formulation of learningobjectives and outcomes are started at the department level. Thefaculty members of eachdepartment revise the curricula every yearfocussing on recent developments in the discipline concerned.Taking this into account, the Programme Learning Objectives,Course Learning objectives, Programme Outcomes and Course Outcomesare laid down and forwarded for subsequent consideration andapproval of the Board of Studies. After approval by B.O.S. andlater by Academic Council, the POs and COs were shared with thestudents and teachers through printed as well as soft forms ofsyllabi. The outcomes of all the programmes and courses along withthe detailed contents are also communicated to the studentsthrough 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 academicperformance of students. The attainment of COs, POs, and PSOs is assessed through internal examinations, final examinationsresults, and other assessments of students after completion oftheirprograms. There is a structured and efficient mechanism forthe calculating attainment of the POs, PSOs, and COs in thecollege. Mapping of CO with POs / PSOs is the first level towardsformulation and setting of attainment levels. Each CO is mappedwith relevant POs and PSOs. Attainment of Course Outcomes iscalculated through Direct (Internal tests,assignments/presentations/ experiments/ quizzes/any other activityrelated to COs and final examination marks) and Indirect methods(Feedback from students, parents, alumni, and employers on theframed questionnaires).A common format is used for finding the average attainment of COs/POs/PSOs. Three target levels are set for CO: Low, Moderate, andHigh attainment for direct and indirect methods which may varyfrom course to course. Attainment levels of all COs/ POs/PSOs arepresented in a common format. Attainment of Mission is calculatedby mapping PSOs with the Mission statements and assigning thescores. The achievement of Vision is evaluated based on Missionattainment 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=803

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

2193

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=805page.aspx?PageName=Minutes%20of%20Meeting&topicid=400

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/5735_1380_2.7.1%20sss.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

To ensure effective implementation of research , the college has a RESEARCH COUNCIL with the following policy-based responsibilities-

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

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

3. Research Expression , Bi-annual Peer Reviewed

`Multidisciplinary Journal is published by the Institute`

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

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

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

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

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

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

File Description	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/Content/605_570_7,%20Reasearch%20Policy.pdf
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)

`nil`

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

5

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)

45.99

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

02

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

55

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

02

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://dst.gov.in/sanctioned-projects
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, etc.

Under academic innovation various kinds of nanoparticles have been synthesized in our college, and its applications have been also established. Similarly, some important pharmaceutically important compounds have been isolated from native plants of our state. As an entrepreneurship innovation, we have developed formula for fly ash based Brick manufacturing by using some biological residues and one of our student has successfully established brick industry at Siltara, Raipur. This is a success story. We are also developing process of polylactic acid-based bioplastic development. Our Mushroom culture programme, Vermicomposting programme and Fish culture training programme are another entrepreneurship-based skill-oriented programme. Under creation and transfer of knowledge, and support, we have established various incubation centres, viz. Mushroom culture training centre, Vermicomposting unit, Fish culture training centre, Sickle Cell Anaemia Screening and support cell, Medicinal Plants Consortium cell and Genomic analysis cell. We are providing required training and services to our students and community members for creation of related entrepreneurship, and services. We have special Medicinal plants consortium to identify, characterize and detect lead compounds from medicinal plants for Drug development and therapeutic applications. Besides, we are organizing several programmes for community orientation related to Sickle Cell Anaemia, Glucose -6-phosphate dehydrogenase deficiency and STD and hygiene related problems.

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

39

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

269

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

141

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

135

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

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

1247

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

39

File Description	Documents
Bibiliometrics 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)

51000

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

51000

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 to serve and sensitize the student community as well as the society. 1. The NSS/NCC/Red Cross society of our college unit has created awareness regarding different social activities like Nasha Mukti , AIDS Awareness. 2. A mass awareness programme regarding Dengue fever have been organized. 3. A sensitization programme for AIDS,Sickle Cell Anemia was organized. 4 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. 5. An extensive screening and awareness programme for Glucose-6 phosphate dehydrogenase deficiency in the society was organized. 6. Screening and mass awareness programme for prevention of anemia was organized. 7. An extensive programme for environmental awareness was organized. 8. 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. 9. Extensive services for rural women related to malnutrition (specially about anaemia), sexually transmitted diseases and about maintenance of menstrual hygiene was organized. 10. Special drive has been launched for villagers related to Nasha Mukti. 11.Women cell organizes programmes for self defence for girls, viz. training of Karate, use and significance of sanitary

pads, training to recognize sexual appeal by male. 12. Our undergraduate students have to bear 20 hours of environmental assessment and interpretation including social services related to environmental problem as an extension service.

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

20

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)

84

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

4696

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

29

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. The infrastructureincludesclassrooms, laboratories, computer labs, Central Instrumentation Lab,seminar and conference halls, auditorium, library, playground,an Indoor Sports Complex, Yoga Hall, a Bio-Resourcecomplex with a medicinal garden, Vivekanand garden, Dr. Janaki Ammal

(medicinal) garden, ,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 HigherEducation fund. Additionally, 6 new rooms were constructed in the commerce building using RUSA funds. The institution also consists of a Mini Mata Kanya hostel (50 seaters) and Azad Boys hostel(50 Seaters) and Subhash Chandra Bose Boys hostel(100 seaters).Safety measures include entrance barriers, fire extinguishers in all labs and blocks and CCTV surveillance one borewell with 1000 litres capacity solar panels to reduceelecticity costs.Total no. of toilets are 47. 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 is Wi-Fi enabled .The college cafeteria has been renovated.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/post_science_data.aspx

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 Jublee 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-Gymnasium

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

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

```
79
```

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)

```
98.11
```

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)

Description ofthe library is provided with

Name of the ILMS software- SOUL 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 119549 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 NLIST

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)

285601

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

568

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 supervise Wi-Fi and cyber security infrastructure, regularly assessing its effectiveness to ensures that it is legal, secured, and appropriately used. It also ensures up-gradation ofIT facilities.

Regarding ICT facilities, licensed software such as MS Office2019, Tally ERP 9, and Photoshop CC 2019 ,Gussian , MATLAB, IBM SPSS, STATA ,CompuTax Genious Professional ,ELICA

SL-174 are available, along with antivirus software like Quick Heal Pro. Open-source software includes SQL Server, Python, and Linux OS.

The Central Library isfully automated with ILMS & RFID software, offering Web-OPACfacilities.

Eight smart classrooms are equipped with interactive technology,while the campus has 30 network connections. E-content prepared by the professors for both undergraduate and postgraduate students is 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 theGovernment 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
6345	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)

269.39

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.

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 and practical classes.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 well equipped 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

Technical & Wi-Fi committee resolves the network issues. 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.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/Content/6050_1446_4.4.2%20Addl%20new.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

2986

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

154

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/5792_1385_5.1.3%20final%20link%20page%20(2).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

1146

File Description	Documents
Any additional information	View File
Number of students benefited 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

A. All of the above

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	

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

33

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

894

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

23

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

45

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.. Students are also engaged in activities that foster the spirit of community responsibility. NCC, NSS and Red Cross units of the college and the MSW and Yoga departments of the collegehave 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/Content/5791_1405_5.3.2%20final%20link%20chttps://www.govtsciencecollegedurg.ac.in/Content/5791_1405_5.3.2%20final%20link%20cover.pdfover.pdf

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

12

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 theform of donation of books and study materials has not onlyprofited 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/Content/5748_1383_5.4.1%20link.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-

- Provide an integrated and multi-disciplinary education that can help students discover their true potential.
- Expose students to an array of academic and extra-academic

activities for their all round growth.

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

The college 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/Content/5618_1357_6.1.1%20coverpage.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/Content/5619_1358_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/Content/6079_1444_net%20report.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/Content/5621_1361_6.2.2%20CHART.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/Content/5620_1361_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/Content/5623_1360_6.3.1_COVER%20PAGE.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

01

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

13

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.)

62

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 collectiveexpertise 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/Content/600_570_2%20Finance%20Policy.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/Content/6018_1372_6.4.3_updated%20Paste%20link%20for%20additional%20Cover%20Page.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 onetransformative 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.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/scpage.aspx?PageName=Minutes%20of%20Meeting&topicid=400

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](View_File)
Paste link for additional information	https://www.govtsciencecollegedurg.ac.in/Content/5982_1426_6.5.2%20Cover%20page%20N.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

Govt. V.Y.T.P.G. Autonomous College, Durg, is committed to fostering gender equity for all, transcending traditional gender norms to create an inclusive environment. Through diverse programs and initiatives, the institution ensures that every individual, irrespective of gender, feels empowered and supported.

In the 2023-24 academic session, the college organized impactful activities to promote awareness and inclusivity. The screening of "De Taali" (November 21, 2023) addressed challenges faced by transgender individuals and the dangers of drug abuse, encouraging participants to confront biases and inequalities. Similarly, workshops on mental health (October 10, 2023) emphasized the psychological well-being of all genders, highlighting self-empowerment and universal rights.

Programs like "Pahal" (March 8, 2024), which focused on domestic violence and workplace harassment, aimed to create a safe and informed community. Counseling sessions (December 2, 2023) and menstrual hygiene campaigns (January 22, 2024) further addressed specific health and psychological needs, ensuring accessibility for everyone.

By celebrating events such as Human Rights Day and Empowerment Day, the college emphasized equality, justice, and the importance of breaking barriers for all genders. These

initiatives reflect the institution's holistic approach to inclusivity and commitment to fostering a just and equitable academic environment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.govtsciencecollegedurg.ac.in/Content/5956_1420_women%20cell%202.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energyBiogas plant Wheeling to the GridSensor-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)

Government V.Y.T. PG Autonomous College, Durg, has implemented a robust waste management system to ensure effective handling of both degradable and non-degradable waste. The institution promotes eco-friendly practices through systematic segregation of waste at the source, which includes distinct bins for biodegradable, recyclable, and non-recyclable waste.

Biodegradable waste, such as canteen kitchen and garden waste, is processed into compost through an on-campus composting facility. This compost is utilized in maintaining the lush green campus gardens. For non-biodegradable waste, the college collaborates with local municipal authorities and authorized recyclers to ensure the responsible disposal of plastics, metals, and electronic waste (e-waste). Regular collection drives are conducted for paper recycling, reducing landfill contributions.

The college also manages hazardous waste, such as chemicals from laboratories, through safe disposal practices adhering to

environmental guidelines. Awareness campaigns are organized to educate students and staff about waste minimization, segregation, and recycling.

To reduce waste generation, the college encourages the use of reusable materials, discourages single-use plastics, and promotes digital workflows to minimize paper usage. These initiatives align with the college's commitment to sustainability, making it a model institution in green campus practices.

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**	**A. Any 4 or All of the above**

    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: 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	A. Any 4 or all of the above

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.

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 is dedicated to fostering social and ethical values by delivering high-quality education that serves all sections of society, including marginalized groups, empowering them to make meaningful contributions to their communities. Admissions are conducted in accordance with government guidelines, embracing diversity by welcoming students from various states and categories, including SC/ST/OBC/GEN and Divyangjan, creating a vibrant and inclusive campus environment. Special provisions were made for students from Naxal-affected regions and those orphaned by COVID, who were granted free admission.

Cultural events, such as Yuva Utsav, showcased the diversity of traditions, while departments commemorated significant occasions like National Unity Day and Sadbhavna Diwas. The curriculum has been enriched with regional perspectives, enhancing relevance and inclusivity. Initiatives by NSS and the Youth Red Cross (YRC) included village camps focused on promoting cleanliness, combating substance abuse, and encouraging blood donation. The Department of Social Work (MSW) further supported students' growth through observational visits and hands-on training.

Through these efforts, the institution continues to nurture a

culturally rich, socially responsible, and ethically grounded student community committed to societal progress.

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 is committed to instilling a strong sense of responsibility toward constitutional rights and duties among its students through various initiatives. Committees such as the Discipline Committee, Anti-ragging Cell, and Women and Equal Opportunity Cell play a pivotal role in promoting these values.

New students are introduced to the college's Code of Conduct through comprehensive induction programs. Regular seminars, workshops, and webinars on topics like Human Rights, Constitutional Values, and the Constitutional Oath further deepen their understanding. NSS volunteers actively engage in voter awareness campaigns, such as SVEEP, and take pledges promoting cleanliness, water conservation, and bans on plastic and tobacco. They also participate in social rallies addressing causes like AIDS prevention.

The college celebrates significant national events, including Independence Day, Republic Day, Gandhi Jayanti, and Shastri Jayanti, with enthusiasm. Activities like debates and essay competitions on constitutional values are organized by the Literary Society. Initiatives such as Swachhta Pakhwada honor Mahatma Gandhi's vision of cleanliness. Events like Samrasta Diwas, Human Rights Day, and Constitution Day enhance students' awareness of their roles as informed and active citizens.

Through these diverse activities, the college nurtures socially responsible individuals committed to upholding constitutional principles and contributing to national development.

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 takes pride in blending education with cultural, social, and ethical values. By celebrating various commemorative days, we instill history, patriotism, environmental awareness, and social responsibility in students, shaping them into well-rounded global citizens.

Prominent celebrations like Republic Day, Independence Day, Basant Panchami, and Shahid Diwas involve flag hoisting, cultural programs, and motivational speeches, emphasizing their

historical and social relevance. Observances such as National Science Day, National Voters Day, and World Environment Day include workshops, quizzes, and campaigns that foster civic awareness, scientific curiosity, and environmental stewardship. For example, the Botany Department conducts tree plantation drives and conservation lectures on World Environment Day.

The institution also honors great leaders through events like Mahatma Gandhi's Birth Anniversary, Rashtriya Ekta Diwas, and Samrasta Diwas. Programs like International Yoga Day and International Tribal Day promote well-being and inclusivity, celebrating diversity. Additionally, youth-centric events like National Youth Day and Sankalp Diwas empower students to contribute to nation-building through activities like blood donation camps and anti-drug campaigns.

These commemorations go beyond academics, fostering patriotism, community spirit, and meaningful dialogue, preparing students for a brighter, inclusive future.

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 -1

Title: Integrated Mentoring for Holistic Development of Students

Objective

The mentoring program fosters academic, emotional, and ethical growth, reducing dropout rates, promoting inclusive learning, and supporting career coaching, research, and innovation.

Context

Located in Durg, the college serves diverse students, including marginalized and Naxal-affected areas, aligned with NEP 2020.

Practice

Faculty provide guidance, leadership training, personalized support, and promote internships, research, wellness, and community engagement.

Evidence of Success

Improved pass rates, 23 NET/SET/GATE qualifiers, 285 startups, and 45 awards.

Challenges

Mentors balance duties while supporting first-generation learners with extra effort.

Best Practice-2

Title: Outcome-Based Syllabus and Value-Added Courses

Objective

The program improves education quality through practical learning, skill development, and employability, preparing students to become job creators.

Context

To address India's skills gap, the college adopts OBE, CBCS, and NEP-aligned courses, ensuring that academics meet industry demands for job readiness.

Practice

Outcome-based syllabi, value-added courses, skill workshops, projects, and institutional MOUs offer practical exposure and career opportunities.

Evidence of Success

The program saw 4,733 enrollments in value-added courses, 2,730 internships, and 39 workshops, significantly enhancing employability.

Problems Encountered

Rural students overcame self-doubt with faculty support, gaining confidence and essential skills.

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/6054_1442_bestpractice%20link%20new.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 is dedicated to fostering excellence, innovation, and integrity in research. The college's Research Policy emphasizes collaborative projects and the protection of Intellectual Property Rights (IPR) among faculty and students.

Key Research Achievements:

- **Five faculty members received prestigious national and international fellowships for advanced studies.**
- **Grants totaling ?45.99 lakhs were secured from various organizations for research projects, endowments, and chairs.**

Research Involvement and Publications:

- **21 faculty members are actively engaged in research projects.**
- **55teachers serve as recognized research guides.**
- **Twodepartments have received funding for research projects from government and non-government agencies.**
- **141 papers published in CARE-indexed journals, 88 in Scopus, and 89 in Web of Science.**
- **The college's H-Index stands at 39, with 117 citations each in Scopus and Web of Science.**

Capacity Building and Collaboration:

- **49 workshops and seminars were conducted on research methodology, IPR, and entrepreneurship.**
- **56 MOUs facilitated 29collaborative activities.**
- **Four students were awarded Ph.D. degrees, and 328 students are currently pursuing doctoral programs.**

.College has a research ethics committee.

. .Central Lab with many sophisticated instruments

These accomplishments reflect the college's commitment to fostering a dynamic research environment that contributes to academic excellence and societal development.

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

Vision for Growth and Advancement

The college is dedicated to fostering development in key domains, including Academics, Research, Infrastructure, Administrative Practices, and Systems of Governance.

Academics

- **Enhanced Curriculum: Scale up the curriculum to prioritize skill development and employability.**

- **Value-Added Courses:** Introduce industry-ready value-added, certificate, and diploma programs.
- **Academic Framework:** Implement the Choice-Based Credit System (CBCS) and Academic Bank Credit (ABC) as per NEP guidelines.
- **Indian Knowledge Systems (IKS):** Integrate IKS into the existing curriculum and co-curricular activities.

Research

- **Increased Research Activity:** Achieve qualitative and quantitative growth in research initiatives and facilities.
- **Interdisciplinary Collaboration:** Promote interdepartmental teaching and interdisciplinary research.
- **Partnerships and MoUs:** Expand collaborations with reputed institutions, government, and non-governmental organizations.

Infrastructure

- Construct a new block for the Commerce Faculty.
- Automate and digitize academic and administrative operations.
- Build additional classrooms and expand the gymnasium.

Administration

- Strive for recognition in the NIRF rankings.
- Develop entrepreneurial skills through the establishment of an incubation center.
- Organize workshops and activities on Intellectual Property Rights (IPR).

System of Governance

- **Leadership:** The principal-led administration ensures effective implementation of plans in alignment with the college's Vision and Mission.
- **Automation:** Achieve complete automation of governance across all stages.