



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

GOVERNMENT COLLEGE FOR WOMEN THIRUVANANTHAPURAM

GOVERNMENT COLLEGE FOR WOMEN, VAZHUTHACAD, THYCAD P O
695014
www.gcwtvm.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

"If you educate a woman, you educate a family, if you educate a girl, you educate the future." goes the saying. This has been the role of Govt. College for Women, Thiruvananthapuram, Kerala, a higher education institution of glorious past and rich legacy of over a century. It has always upheld the values of quality and equality in education. We have facilitated the growth of students with brain and brawn in the State and around functioning as a noble platform for knowledge. Our tireless working has provided quality higher education to girl students, who have been enabled to face challenges of the world with courage and confidence. Our alumni are now academically enlightened youth and socially committed citizens. At this juncture of NAAC re-accreditation, we look back to our achievements and the important milestones we have passed and we truly assess our strength and weaknesses as an educational institution with growing potential and opportunities.

We have gone through the last cycle of accreditation process in 2014 and we got accredited with an 'A' grade and CGPA of 3.26 We have carefully analysed the feedback and suggestions given by the last peer team and tried our level best in constructively modifying and revamping all our curricular, infrastructure developmental, co-curricular and extra-curricular activities. Taking the peer team recommendations into consideration, we have suitably revised our vision, mission and working objectives considerably. Outstanding performances from our students, committed and selfless efforts of staff members and wholehearted support from the UGC, RUSA and State Government helped us in achieving our goals to a great extent. Now, with more insight and confidence, we have come up with our self-study report for ...cycle of re-accreditation showcasing our efforts and achievements during the last five years. We do hope that we will continue our run for success and will keep on nurturing young generation in their transformation to lead roles in society.

Vision

The Government College for Women stands to:

- Provide a sound education in basic science and humanities Inculcate high values through liberal education
- Promote research and learning at the PG level and beyond Provide a broad range of non-formal educational services
- Transform society through the empowerment of women
- Provide inexpensive educational services to the weaker sections of the society and reinvent itself in response to the changing demands of society
- Develop responsible women leaders for the future

Mission

To provide quality higher education to girl students to enable them to face the challenges of the world with courage and confidence and mould them to be socially responsible citizens.

To create an environment to excel in all activities.

To impart knowledge and create intellectual power among the needy and deserving community.

To transform the student into a balanced personality through a wide variety of curricular, co-curricular and extra-curricular activities.

To impart ethical values for ensuring the harmonious functioning of the society.

To develop courage, confidence and competitiveness in the changing global scenario.

To imbibe and adopt successful governance practices for evolving sustained academia-industry linkage in order to match with the dynamic markets.

To develop socially responsible, sensitive and committed citizens capable of delivering value added services to the society at large.

To motivate the faculty members in academic research and extension activities so as to equip the students with the sophisticated techniques and help them to find solutions to the current problems of the society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Our college is a pioneer institution for women's education in Travancore region of Kerala and it is one of the oldest women's colleges in the country.
- Our college is situated in the heart of Thiruvananthapuram city and has easy accessibility from all parts of the state .
- We have an international repute augmented by iconic alumna across the world.
- Almost all the posts are filled by permanent teachers.
- Selection of our faculty is exclusively based on merit and affirmative action through Kerala Public Service Commission, an agency with zero tolerance for corruption and nepotism.
- Students are selected based exclusively on merit and constitutionally assigned reservation and as a result, economic barriers are effectively minimised for knowledge seekers.
- Our students regularly secure top ranks in many programmes every year.
- Extensive research activities in frontier areas are undertaken and a good number of high impact research articles are published in peer reviewed journals, every year. Last year alone, we could get 36 research articles published together in international and national peer reviewed journals.
- The index marks for admission is the second highest for all the affiliated colleges under University of Kerala. The demand-ratio for some courses is as high as 30 times the number of vacancies.
- Many of the teachers are members of University Syndicate, Senate, Academic Council, Board of Studies, RUSA, State level quality cell etc.
- We have taken due care in maintaining as much greenery as possible in the campus premises.
- The College has an own four-storeyed library (3035 sq feet) with a collection of nearly 1 lakh books

and online resources. Users have access to University of Kerala library (600m), State Central library (750 metres) etc.

- The College has all amenities making it friendly to differently abled students.
- College has a large auditorium, one of the biggest ones situated at the heart of the city.
- College has a continuing education sub center that offers nearly 340 courses to women in the community and t regular students.
- We have been among the top three positions among the winners of Kerala University youth for the last several years.

Institutional Weakness

- Since a number of students prefer co-education institutions, the college is not able to nurture collective talent of both men and women. The college cannot participate in all the competition items in the University level competitions as some items require presence of male members too.
- There is little say in the matters of transfer of teaching staff due to centralised norms state wide, which may affect continuity of teaching to some extent and many projects led by teachers also are often affected.
- Though we are supported by the funding organizations in developing instrumental facilities, we are struggling to manage the maintenance charges and consumable expenses.
- We also suffer from non availability of resources to undertake specialized short term courses.
- Being a women's college, we also face certain difficulties in organizing extension activities inside the campus with the participation of the public in large numbers.
- Since there is a huge dearth in the availability of hostels in the college premises, residential programs could not be undertaken by the college.
- Since it is a public funded institution, almost all requirements are met through allocation from the State budgets and it takes many years for many of the projects to be completed. Due to the time lag between plan proposal and implementation, there is substantial delay leading to cost over-run or cutting down on the original plan affecting the quality of work.
- We couldn't arrange facilities for students for transportation to the college by means of college buses. We are unable to run such facilities without huge financial burden, as our students come from different parts of the district and a good number from other districts.
- As the college is functioning under the Dept. of Collegiate Education, Govt. of Kerala, we need to seek permission from the higher authorities before initiating any steps in policy matters and for developing infrastructure. Same is with academic matters, as we are affiliated to University of Kerala and following university syllabi and curricula for conducting various academic programmes.

Institutional Opportunity

- Opportunities for collaborating with various Government and Non-Government institutions and organizations are open to the college.
- The large number of Departments can facilitate the development of interdisciplinary programs and courses.
- Being a premier institute for Women at the heart of the city, the college can explore the possibilities of functioning as a nodal center for various schemes of the state Department for the Development of Women and Children.
- Various Departments and the UBA program are conducting extension services regularly. These

programs can further be extended to community oriented interdisciplinary research.

- The State Government has declared the coming year as the year for higher education. Being a premier institute funded mainly by the State Government, the college can make use of this opportunity for further growth.
- With the unique centralized instrumentation facilities, cutting-edge research activities in the sciences can be undertaken. The college can emerge as a centre for advanced research in various disciplines.
- Psychological Resource Center, a unique center in psychology, can offer consultancy services to Government and Non-Government agencies.
- The Instrumentation centre and Psychological Resource Center can offer internship programs to students of other institutions.
- Since there is a large number of high functioning Departments in the Social Sciences, an interdisciplinary center for research and consultancy in the Social Sciences can be initiated.
- Technical and entrepreneurial training can be offered by the science and commerce Departments to the outgoing students so as to help them emerge as successful entrepreneurs.
- Being a premier college in the capital city that has a high media density, students from various programs, especially from the languages and music, can be oriented to media-related professions and training by means of collaborations with the media industry.
- The college can function as a 'Lead College' where the smaller colleges and Higher Secondary Schools can avail guidance and support for their laboratory and research needs.
- The centres like continuing education sub centre can emerge as a noble platform for facilitating self-employment and inception of small scale industrial ventures for unemployed women in the state.

Institutional Challenge

- Resource mobilisation from agencies apart from Government and UGC
- There is limited scope for expanding infrastructure facilities so as to accommodate the increasing demands of academic programs.
- Making use of the service of international faculty is a challenge since the college has administrative limitations in that respect.
- Attracting students from abroad and from the rest of Indian states is a challenge since the college has to depend on the procedure laid out by the university.
- Developing the college to a residential academic center in the future is a challenge considering the lack of a hostel within the campus.
- Flexibility in utilisation of funds is thwarted by the stringent audit procedures of government auditors who have the same standards for academic and non-academic institutions. This leads to demoralisation of the persons concerned.
- Attracting students towards basic science, arts and language disciplines, in the new era of job/career oriented professional courses will be a challenging task for an arts and science college like ours.
- Revising / restructuring the syllabus annually in pace with the fast growing developments in many areas is often a challenging aspect, especially as our college is affiliated to a university.
- Managing funds for supporting students in all their extracurricular, arts and sports activities will be increasingly challenging.
- Retaining the present achievement in sports and games by depending on grounds and other practicing facilities outside the college might turn out to be difficult in the near future.
- Since the teaching and associated activities are increasingly consuming the major share of the teacher's time, keeping up the spirit of research will not be an easy task for the research supervisors in the college.

- Since the college is approaching the peak of its capacity in terms of the number of academic programs and infrastructure, devising future plans of expansions and presenting the same to the authorities would soon become a major challenge.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college has a total of 175 members in teaching staff and has a student strength of 2824 together for 18 undergraduate and 17 postgraduate programmes. Being an affiliated college of the University of Kerala, we follow the curricula and syllabi of the university for all the programmes offered in the campus. All UG programmes are conducted in the Choice Based Credit and Semester (CBCSS) pattern giving students opportunities to opt certain courses of their choice in the syllabus. Postgraduate programmes also are in the semester system offering elective programmes in one or more of the semesters. Academic calendar published by the university is followed in coordinating all academic activities on the campus. All our teachers do their level best in fulfilling the duties assigned and responsibilities undertaken. All teaching, examination - evaluation works, academic content development, research activities, coordination of co-curricular and extracurricular activities etc. are undertaken by our teaching staff with utmost commitment and responsibility. Thirty teachers from our college are members in various boards of studies of University of Kerala and that of neighboring universities. Six of our teachers are members in the academic council constituted by the University of Kerala. All programmes offered in the college have up-to-date syllabus so as to cover advanced topics and latest additions in the respective disciplines. All syllabi are regularly revised to cater the requirements of advanced and systematic learning of the concerned areas. In the syllabi of different programmes, altogether 32 courses include topics related to professional ethics, gender equality, human values, environment and sustainability. Various add-on courses, ASAP (Additional Skill Acquisition Programme) courses, continuing education (diploma) courses are offered in the campus. All UG programmes have a mandatory course in environmental sciences. Submission of a dissertation is a compulsory requirement for both post graduate and undergraduate programmes. A good number of post graduate students, especially of science disciplines carry out their dissertation work in prestigious national institutes in Thiruvananthapuram. Feedback on curriculum and syllabus are collected from students and the same is analyzed in the board of studies for suitable modifications.

Teaching-learning and Evaluation

. We have a qualified team of 175 teachers, 89 of whom hold PhD degrees and 5 among them have post-doctoral experiences. The learning process is amply complemented by library sessions, interactive discussions, seminars & workshops, industrial / field visits etc. We have enough classrooms for accommodating students of all the programmes comfortably. Many of the classrooms are ICT enabled; a total of 31 smart classrooms are set up here in the campus. We have sufficient laboratory facilities equipped with the 'state of the art' tools for providing lessons of practical courses in science programmes. Research laboratories and instrumentation centres offer a great support to research scholars in the campus.. A centralized library with 95529 books and a good number of research journals and periodicals provides a great resource to the teaching-learning activities. . Slow learners are considerably supported by engaging additional sessions through the SSP. WWS is meant for supporting the career and personality development of academically bright students. Continuous evaluation is an important component of evaluation. In UG programmes, 20% of the aggregate of each theory and practical courses are awarded through continuous evaluation and for PG programmes this component is 25% of total.

The Department Level Monitoring Committee (DLMC) and College Level Monitoring Committee (CLMC) ensure smooth conduct of the continuous evaluation exams and the marks are awarded in a fair and transparent manner. Students are given enough time for raising their concerns and grievances and the same is addressed and resolved before forwarding the evaluation report finally to the University for consolidating that with marks of final examinations. End semester examinations for both theory and practical courses are conducted by University for all affiliated colleges. The valuation process of theory courses is completed through centralized valuation camps and the results are declared online. All of our batches have very good pass percentages with high average marks during the last five years. Our students secure ranks / top positions in university examinations regularly. Last year alone, our students could secure 34 ranks (in different UG and PG programmes).

Research, Innovations and Extension

Extensive research activities are undertaken by many of the faculties in the campus. Twelve of our departments are research departments (Botany, Chemistry, Commerce, Economics, Hindi, Home Science, Malayalam, Music, Philosophy, Psychology and Zoology) offering PhD programmes. There are a total number of 40 research guides in all the subjects together. At present, 179 PhD students are registered with our college as the research centre. Frontier areas of research in respective disciplines of humanities, language and science are opted by the researchers for their doctoral studies. A good number of research articles are published every year from the college. Last year, we could get 24 international and 12 national peer reviewed research articles published in reputed journals of high impact factors. Over 200 book/book chapters have been published during the last five years. Various projects and financial support sanctioned by agencies like DST-FIST, UGC (major and minor projects), KSCSTE, SERB, KSHCE, ICSSR etc. are undertaken by many of our departments during the last five years. Centralized instrumentation centre with a number of sophisticated instruments could offer immense support to research in science disciplines. Various extension activities also are undertaken by our teachers and students, some of which involves exchange of manpower. A number of programmes of general interest and service to the common people are undertaken by NSS and NCC, both of which are actively functioning in the campus. Various programmes are arranged every year on the campus discussing topics like research methodology, intellectual property rights, entrepreneurship etc., for the benefit of the academic community in the college and outside. College has associated several MoUs on sharing resources for the benefit of fellow people. Eight such MoUs are existent at present, which include the ones with CMC Vellore, ASAP Kerala, Aware India Trust, Women's Commission Kerala etc. As per the Unnath Bhatrath Abhiyan Programme our college has adopted several villages like Kudappanakkunnu and Pangode empowering some of such rural areas to growth and empowerment in many aspects.

Infrastructure and Learning Resources

College has an adequate number of classrooms, laboratories and library facilities to accommodate all the students comfortably. More than 900 students join our college in a year to the 35 programmes offered in the college. Sufficient number of computers with internet connectivity are available for the hassle-free internet use of teachers and students. A total of 54 classrooms are available for the different batches of 18 UG programmes and 34 classrooms are in use for two batches each of the 17 PG programmes. 31 classrooms are equipped with smart class facilities. LCD/LED projectors, LED TV, smart board, lectern etc. are made available in sufficient numbers. In order to conduct sessions on practical courses in science disciplines, we have 15 UG laboratories and 18 PG laboratories, equipped with all facilities. College has a fully functional central library on four floors with an area of 3035 square feet on each floor. Library has an excellent collection of 91304 books available for

issuing and 4225 books for reference. Library also has an N-List subscription providing online access to 3228 journals. There are five computer laboratories where 10 mbps speed optical fibre based internet connection is provided. We ensure the regular maintenance and upgradation of the internet facilities. We have separate labs for research scholars, centralized instrumentation facilities, individual staff rooms, sufficient number of toilets / toilet blocks, common facilities like auditorium, seminar hall, assembly hall, open air auditorium etc. in the campus. With the support of plan fund allocations by the state government and by the financial support rendered by UGC and RUSA, we could considerably improve our infrastructure during the last five years. College has adequate facilities for giving training in sports and games also. . A gymnasium with all state-of-the-art equipment for exercise also is available on the campus. Major works of maintenance and renovation are supported by state government funds while minor repair and beautification works are managed with the support of college PTA and College Development Council (CDC) funds. We have taken utmost care in maintaining the heritage buildings constructed many decades back at its glory and legacy

Student Support and Progression

Students belong to scheduled castes & scheduled tribes and students from other socially and economically backward categories are supported financially in terms of fee concessions and various state & central government scholarships. Meritorious students are awarded with endowments constituted by individuals and trusts and these awards are facilitated through PTA. . Alumni associations and old students' associations also support the college by sponsoring endowments to meritorious candidates and scholarships to economically backward students. Various grievance redressal cells are functioning in the campus for resolving any kind of difficulties faced by students in the campus. We have taken particular care in maintaining a ragging free campus. Any instances of women harassment and ragging would be appropriately taken care of with immediate legal measures. Women's cell and general redressal cell are very vigilant in assuring that no such unfortunate incidents occur in the campus. Our students regularly secure top ranks in University examinations and a very good number of students in each outgoing batch pursue higher studies in their respective disciplines. Students' placement records also are quite good and a number of our students could secure jobs right after completing their tenure here. Many of the departments offer training for State Level Eligibility Test (SET) and National Eligibility Test (NET). 63 students have qualified the examinations like GATE, IIT-JAM and NET during the last five years. A Career Guidance and Placement Cell is fully functional in the campus for providing guidance and training towards better career opportunities and preparations. Extracurricular activities of students also are supported by the college. Our students participating in various arts events in youth festivals are given opportunities for training under the expense of the PTA fund and by the contribution from teachers. Our college has been there among the first three positions in University of Kerala youth festivals for the last five years. Opportunities for training in various sports and games events also are available here. Many of our students have won state, national and international achievements during the last five years. Minnumani, our student, is a member of the under-nineteen Indian cricket team, at present.

Governance, Leadership and Management

Our college is an institution under the direct administration of the Collegiate Education Department, which is one among the subordinate departments of the Dept. of Higher Education, Govt. of Kerala where the higher education minister of the state and higher education secretary to the government are the top authorities. Principal is in charge of all academic and administrative functions of the college. As the college is academically affiliated to the University of Kerala, curriculum and all related academic activities are as per the rules and regulations of the university. Various bodies such as college council, IQAC, PTA, CDC and college union

assist principal in managing the campus activities. College council, headed by principal, comprises all heads of departments, three elected members from teachers, administrative assistant and chairperson of the college union as members. All day-to-day activities and any matter of general concern are discussed in college council. IQAC plays the leading role in coordinating all curricular, teaching-learning, infrastructure development, funding and extracurricular activities in the college. Feedback from various stakeholders like students, teachers, parents, alumni and other employees in the college also are collected and evaluated by IQAC. The cell also coordinates academic audit, green audit and energy audit of the college. Office section of the college handles all general administration and clerical works. One administrative assistant and two junior superintendents are in charge of coordinating all establishment and accounting works. PTA holds the responsibility of financially supporting various student related activities and coordinating minor maintenance works in the campus. It also facilitates disbursement of various endowments and scholarships. Principal is the ex-officio president of PTA; vice president is selected from parents and one teacher holds the responsibility as PTA secretary. Each department has one teacher as a representative in the PTA executive committee. Equal number of parents also are there in the executive committee. College development council is another body through which many long-term developmental activities of the campus are undertaken. College union, composed of elected student representatives coordinates cultural & arts events and other programmes in the campus

Institutional Values and Best Practices

The college has arranged many programmes of general interest upholding the institutional values and social responsibility. We could arrange eight programmes on gender equality during the last five years. We have facilitated all possible measures for ensuring safety and security of women in the college campus. A counselling cell by the Psychology department of the college is fully functional in the campus at the service of needy students. This offers a great support to students to resolve their anxiety, stress related issues and serious personal problems. Under the smart city project, solar panel installation was completed. Rain harvesting project will also soon be launched. We have adopted green protocol by using steel cups, containers, cloth banners, bags etc. instead of plastic materials. Organic wastes generated in the campus are as minimized as possible. We have also been involved in MoU with Thiruvananthapuram corporation for transportation of biodegradable waste to the waste processing centre. Routine Cleaning drives called 'SRAMADAN' for cleaning the campus premises are conducted. In order to promote and appreciate cleanliness activities, a trophy named MULLMUTTAM is awarded every year to the best department which facilitates cleaning practices. Energy audit, green audit and environmental audit are conducted every year for assuring conservation of the energy and environment. As institutional best practices, we would like to put a couple of initiatives on top. One is the association called PRAPTHA, a noble initiative to ensure adoption and implementation of harmonized guidelines and space standards for a barrier free environment for persons with disability and elderly people constituted by the Internal Committee for Welfare of Differently Abled Students (Equal Opportunity Cell) in the campus. Another best practice we would like to highlight is that a central instrumentation facility has started functioning in the campus. By the utilization of various funds from UGC, DST-FIST and State Government, our college has set up this instrumentation lab with a wide range of major and minor equipment. Sophisticated analytical instruments are provided to researchers in general, especially from the institutions which do not have access to such instruments

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	GOVERNMENT COLLEGE FOR WOMEN THIRUVANANTHAPURAM
Address	GOVERNMENT COLLEGE FOR WOMEN, VAZHUTHACAD, THYCAD P O
City	THIRUVANANTHAPURAM
State	Kerala
Pin	695014
Website	www.gcwtvm.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Chandni Sam S P	0471-2324986	9847255576	0471-233773 0	principal@gcwtvm .ac.in
IQAC / CIQA coordinator	Dinesh Babu K V	0471-2541554	9446968263	0471-233773 0	dineshbabu@gcwt vm.ac.in

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	For Women
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

Date of establishment of the college	01-01-1897			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Kerala	University of Kerala	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	01-07-1974	View Document		
12B of UGC	01-07-1974	View Document		
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCl,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

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

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Institutional Ranking Framework
Date of recognition	11-06-2020

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	GOVERNMENT COLLEGE FOR WOMEN, VAZHUTHACAD, THYCAD P O	Urban	10.65	28782

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Botany	36	Plus Two	English	38	37
UG	BSc,Chemistry	36	Plus Two	English	44	44
UG	BSc,Home Science	36	Plus Two	English	35	34
UG	BSc,Industrial Microbiology	36	Plus Two	English	31	30
UG	BSc,Mathematics	36	Plus Two	English	58	56
UG	BSc,Physics	36	Plus Two	English	32	32
UG	BSc,Psychology	36	Plus Two	English	33	33
UG	BSc,Statistics	36	Plus Two	English	39	35
UG	BSc,Zoology	36	Plus Two	English	38	37
UG	BCom,Commerce	36	Plus Two	English	49	49
UG	BA,Economics	36	Plus Two	English	70	70
UG	BA,English	36	Plus Two	English	35	35

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UG	BA,English	36	Plus Two	English	34	32
UG	BA,Hindi	36	Plus Two	English + Malayalam	40	40
UG	BA,History	36	Plus Two	English	80	80
UG	BA,Malayalam	36	Plus Two	English + Malayalam	44	44
UG	BA,Music	36	Plus Two	English	22	17
UG	BA,Philosophy	36	Plus Two	English	66	64
PG	MSc,Botany	24	Graduation	English	16	16
PG	MSc,Chemistry	24	Graduation	English	17	17
PG	MSc,Home Science	24	Graduation	English	8	8
PG	MSc,Home Science	24	Graduation	English	8	7
PG	MSc,Mathematics	24	Graduation	English	21	21
PG	MSc,Physics	24	Graduation	English	17	17
PG	MSc,Psychology	24	Graduation	English	15	15
PG	MSc,Zoology	24	Graduation	English	16	16
PG	MCom,Commerce	24	Graduation	English	17	17
PG	MA,Economics	24	Graduation	English	25	25
PG	MA,Economics	24	Graduation	English	18	17
PG	MA,English	24	Graduation	English	22	22
PG	MA,Hindi	24	Graduation	English,Hindi	23	23
PG	MA,History	24	Graduation	English	26	26
PG	MA,Malayalam	24	Graduation	English,Malayalam	23	23

	am			yalam,Sanskrit		
PG	MA,Music	24	Graduation	English,Sanskrit	15	10
PG	MA,Philosophy	24	Graduation	English	25	25
Doctoral (Ph.D)	PhD or DPhil,Botany	36	Post Graduation	English	1	0
Doctoral (Ph.D)	PhD or DPhil,Chemistry	36	Post Graduation	English	1	1
Doctoral (Ph.D)	PhD or DPhil,Home Science	36	Post Graduation	English	16	16
Doctoral (Ph.D)	PhD or DPhil,Physics	36	Post Graduation	English	4	4
Doctoral (Ph.D)	PhD or DPhil,Psychology	36	Post Graduation	English	8	8
Doctoral (Ph.D)	PhD or DPhil,Zoology	36	Post Graduation	English	4	4
Doctoral (Ph.D)	PhD or DPhil,Commerce	36	Post Graduation	English	5	5
Doctoral (Ph.D)	PhD or DPhil,Economics	36	Post Graduation	English	13	13
Doctoral (Ph.D)	PhD or DPhil,Hindi	36	Post Graduation	Hindi	1	1
Doctoral (Ph.D)	PhD or DPhil,Malayalam	36	Post Graduation	Malayalam	11	11
Doctoral (Ph.D)	PhD or DPhil,Music	36	Post Graduation	English	7	7
Doctoral (Ph.D)	PhD or DPhil,Philosophy	36	Post Graduation	English	1	1

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				23				140			
Recruited	0	0	0	0	9	14	0	23	47	93	0	140
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				12			
Recruited	0	0	0	0	0	0	0	0	1	11	0	12
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				43
Recruited	22	21	0	43
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				24
Recruited	19	5	0	24
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	7	13	0	27	42	0	89
M.Phil.	0	0	0	2	0	0	7	19	0	28
PG	0	0	0	0	1	0	13	31	0	45

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	2	0	2
M.Phil.	0	0	0	0	0	0	1	3	0	4
PG	0	0	0	0	0	0	0	7	0	7

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

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	0	0	0	0	0
	Female	756	12	0	1	769
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	301	3	0	0	304
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	6	0	0	0	6
	Female	63	2	0	0	65
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	0	0	0	0
	Female	148	149	158	171
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	19	18	17	19
	Others	0	0	0	0
OBC	Male	0	0	0	0
	Female	324	322	363	371
	Others	0	0	0	0
General	Male	0	0	0	0
	Female	415	438	453	485
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	14	58	39	27
	Others	0	0	0	0
Total		920	985	1030	1073

Extended Profile

1 Program

1.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
961	961	961	961	961
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
35	35	35	35	35

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2824	2687	2583	2555	2527
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
561	545	505	470	470

File Description	Document
Institutional data in prescribed format	View Document

2.3

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

2019-20	2018-19	2017-18	2016-17	2015-16
959	907	872	848	794

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

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

2019-20	2018-19	2017-18	2016-17	2015-16
175	175	175	174	174

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
164	164	164	160	160

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 93

4.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
917.4016	613.19479	253.67037	679.62981	349.23273

4.3

Number of Computers

Response: 198

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

As a premier centre for higher education in the state of Kerala, Govt. College for Women, Thiruvananthapuram has taken all possible measures to offer effective and quality curriculum delivery. We also have various mechanisms for curriculum enrichment through a number of additional programmes. The foremost support is through our well-equipped Library with about one lakh books. A good number of journals and periodicals complement the library books in the teaching learning process. ICT tools are used extensively for classroom teaching. Use of Infilbnet, Edusat and Learning Management Systems greatly support the effective delivery of the core content of curriculum. In this era of information technology, the college has ensured all up to date online and offline learning resources to the academic community. Apart from the mere discussion of syllabus, lot of co-curricular activities are conducted in the college by all the departments to enrich curricular activities. These include annual seminars, workshops, training programmes, invited talks, exhibitions, debates, discussions etc. All these activities are facilitated by the IQAC and the same is documented by the committee. In order to supplement the knowledge acquiring processes and to help students in connecting the theoretical concepts to real contexts, industrial visits and field trips also are organized regularly. The college has well-equipped laboratories with sophisticated instruments in all science departments. Centralized instrumentation facilities in the campus offer great support to the post graduate and research students in the campus. Facilities are available to the use of those from other institutions also. Broadband internet connectivity has been made available throughout the campus. A well-equipped e-learning centre, six computer laboratories have been functioning in the campus. Photocopying and DTP facilities also are made available. Programmes like Walk-With-Scholar and Scholar Support Programme offer new levels of mentoring and opportunities for career development along with the conventional learning. Add-on courses and open courses mobilize the learning experience to a more interdisciplinary level. Programmes like ASAP provide hands-on training and expertise in additional skills along with the core course learning. All the curricular activities are well documented in various levels. An academic calendar, published by the University of Kerala is strictly followed for effective and systematic implementation of curricular activities. Admission, commencement of classes, continuous evaluation exams, end semester examinations, declaration of results etc. are done by following the academic calendar. Records of teaching and other curricular activities of teachers are recorded in the 'Teachers Diary' and in the class logbook and all these documents are audited periodically. Continuous evaluation is done through class tests, class-seminars, assignments, projects etc. as envisaged in the guidelines issued by the University to affiliated colleges. All the curricular, co-curricular and extracurricular activities in the campus are monitored by the college level monitoring committee and department level monitoring committee. The principal and CLMC ensure 90 working days in each semester. The days lost due to student strike, heavy rain, union activities are compensated by taking extra classes. Timely completion of syllabus is ensured and grievances of students are addressed by these committees.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

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

Response:

As our college is affiliated to University of Kerala, the academic calendar of the university is followed in all teaching-learning activities. Admissions, continuous evaluation exams, online submission of continuous evaluation marks, dates of end semester examinations, declaration of results are outlined in the university academic calendar. Every year, the university drafts the academic calendar before the commencement of the academic year and the same is followed without many changes during the two semesters of the year. In the academic calendar, month-wise split up of major academic events are clearly indicated. Important dates on various UG and PG programmes are included year wise in the calendar. Semester 1&2, Semester 3&4 and Semester 5&6 of UG programmes are included as first, second and third year of UG programmes, respectively. The two years of PG programmes also are included as Semester 1&2 and Semester 3&4 respectively. The general academic calendar includes dates such as opening and closing dates of affiliated colleges, commencement of UG and PG classes, declaration of vacation dates etc. From college level, we try our level best to ascertain minimum 90 working days in each semester, by following the academic calendar published by the University. The days lost due to unforeseen reasons are compensated by converting holidays to working days for conducting special classes. Admission of UG and PG programmes are done by the centralized allotment processes facilitated by the University through admission portal. Several levels of allotments are done mostly by following the academic calendar and the college is bound to observe the timeline declared by the University. Commencement of classes and closure of admissions also are fixed by the university in order with the previously published academic calendar, though minor changes of dates are effected due to some unforeseen delays. The dates for enrollment, fee remittance and exam registration also are fixed as per the calendar and the students complete these through the online portal. Attendance statements of students for each semester are uploaded in the university portal and the hard copies are sent to the University. Continuous evaluation tests and model exams are conducted in the college level by individual departments by following the dates specified in the academic calendar. Continuous evaluation marks (20% of maximum marks of each course in UG programmes and 25% of that in each course in the PG programmes) are done by compiling attendance, seminars and /or assignments submissions and continuous evaluation exams timely done as per the schedule indicated in the academic calendar. Before submitting the continuous evaluation scores to the university, concerned teachers ensure that students have seen and verified the marks. Grievances of students are attended and resolved before finalization of the scores. University announces the dates of submission of internal evaluation scores and the college submits those through the three level (Lecturer-HoD-Principal) entry and verification processes. The college level monitoring committee (CLMC), headed by the Principal and convened by senior faculty member, makes sure that the university academic calendar is closely followed in planning all academic activities in the campus.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

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

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

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

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

Response: 100

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

Response: 35

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

1.2.2 Number of Add on /Certificate programs offered during the last five years**Response:** 47**1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.**

2019-20	2018-19	2017-18	2016-17	2015-16
10	14	9	8	6

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years**Response:** 16.6**1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
511	605	459	312	314

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document

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

An environmentally sustainable future is the light at the end of the developmental tunnel. The shocking apathy of the general populace towards environmental issues require immediate correctional intervention. Enhancing environmental awareness through formal education is the way forward for the higher educational sector to nurture responsible global citizens. The second semester English common paper (all UG programs) entitled 'Environmental studies' (EN1211.1) focuses on themes like the earth and its resources, renewable and non-renewable resources, food chain, conservation of natural resources and biodiversity, environmental pollution, e wastes and disaster management. The course generates discussions on the pandemic of pollution, planned development, feasible local solutions, et al. The students are given an insight into the scientific study of the environment through carefully chosen literary pieces which aesthetically introduce a major environmental issue. The students are also encouraged to prepare a case study related to any local environmental concern. The paper triggers an interest and concern for the environment and students are directed to various career opportunities in environmental journalism, Urban Planning Board, Food Processing industry, Distilleries, Pollution Control Board, etc.

There are several courses covering professional Ethics, Gender, Human Values, Environment and Sustainability. The courses on Gender and Women's Studies is designed to appreciate gender as a socio cultural constraint, to understand the concept, need, relevance and dimensions of women's empowerment, to enable students to identify gender disparities, imbalances and problems of women and to understand efforts at different levels for empowering women and to train them to work as Gender consultants. The course focusses on understanding the concepts of sex, gender and feminism, Social construction of gender, gender roles, Gender division of labour, Gender stereotyping and discrimination, gender budgetting, transgender challenges. It also looks into, to study the status and position enjoyed by women in various times- Ancient, medieval, pre independence, post-independence and modern times. The course also explores the role and position of women in health, education, politics, empowerment. Gender issues with poverty, development, laws pertaining to gender rights, need for legal literacy, programmes and policies formulated for the welfare of women and trans genders.

The syllabi of BA and MA Philosophy implemented contain several courses that include the aforementioned themes. Philosophy of Values (PL 1131), a course taught as a complimentary course in the first semester sheds light on the definition and classification of values. Gandhian values of truth and non-violence are taught in the course on Gandhian philosophy (PL 1132, PY 241) taught in the UG and PG curriculum. The courses on Peace studies (PL 1551.3, PY 241) taught at UG and PG levels shed light on peace as a value, justice, dignity of man, human rights violation, human equality, democracy and tolerance. Applied Ethics (PL 1642, PY224), taught both at the UG and PG levels sensitize the students about gender ethics, environmental ethics and professional ethics.

Several awareness programmes on environment, ethics and gender like street plays, exhibitions and debates are conducted in the campus for interactive mechanism of curriculum implementation.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

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

Response: 3.64

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

2019-20	2018-19	2017-18	2016-17	2015-16
35	35	35	35	35

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Any additional information	View Document

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

Response: 33.71

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

Response: 952

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document

1.4 Feedback System

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

Response: A. All of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

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

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

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

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 94.59

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

2019-20	2018-19	2017-18	2016-17	2015-16
1073	1030	989	920	922

2.1.1.2 Number of sanctioned seats year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1163	1121	1029	962	950

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

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

Response: 82.44

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

2019-20	2018-19	2017-18	2016-17	2015-16
452	449	428	383	390

File Description	Document
Average percentage of seats filled against seats reserved	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

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

Response:

The Government College for Women holds the enviable unique status of a premier institution with a long heritage of molding generations of girl students, who adorn significant roles in career and other social spheres. An academic center catering exclusively to women students, the College always maintains its reputation of shouldering responsibilities by identifying its strengths and striving to overcome limitations. The college has an egalitarian approach in extending its facilities and opportunities to students in order to obliterate the imbalances and inequities in the dissemination of knowledge.

The foremost factor that have contributed to its reputation as a topnotch centre for learning is the meticulously structured teaching-learning pattern offered, keeping in view of the diverse learning capacities and competencies of students hailing from different cross-sections of the society. It is indeed a challenge for teachers to connect well with students at either end of the spectrum and also with those who fall in between. With a workforce totally committed to the mission of uncompromising quality, the institution has surged forth to establish its reputation as a college that has successfully extracted the best academic performance from its students.

Discussions and Debates on topics of contemporary relevance and academic seminars for updating students and faculty on current trends are held on a regular basis, thereby equipping with a better understanding of academic and social shifts. Innovative instructional practices for all kinds of students, inclusive of the exceptional as well the average and the slow learners are also taken up. The Government has constituted initiatives like 'Walk with the Scholar' and 'Student Support Programme' for students with different learning abilities and our College is efficiently making use of it for the benefit of students.

'Walk with the Scholar (WWS)' is specifically designed for mentoring outstanding students by imparting academic, analytic and organizational skills. Their special talents are identified and strategies adopted to motivate them for meaningful goals. Talks by eminent persons, workshops, other extra-curricular activities are organized as part of the WWS Programme. The teacher mentors literally hold the hands of their mentees and walk with them to evolve them into responsible achievers who is capable of contributing to the betterment of society.

The 'Student Support Programme (SSP)' compensates the flaws of a standardized curriculum which evaluates students by means of syllabus centered exams. The challenge is not only to incorporate the right teaching strategy to enhance the academic performance of slow learners, but also to help them grow upto their greatest potential.

Additional Skill Acquisition Programme offers skill courses to students, especially to those from weaker social and financial backgrounds, thereby familiarizing them with potential employment sectors and bringing the attention of Industry to Campus.

In addition to all these initiatives, the college takes special interest and consideration in the welfare of the Differently abled students through the functioning of an Internal Committee for Welfare of Differently Abled Students ('Praptha') and strives to bring them all into the mainstream through proper care, appreciation and acknowledgement of their special needs and abilities.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

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

Response: 16:1

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

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

Response:

The vision and mission statement of College clearly states that the entire academic, extra-curricular and outreach programs of the college is student oriented and focused on their overall development. Along with lecture delivery method, teachers use novel and effective methods for enhancing learning experience of students.

Experiential Learning - All departments of our college provide opportunities for students in experiential learning. Lab experimenting in science subjects equip students to verify the scientific hypotheses with the aid of experiments. Activities for protecting environment are performed through nature club, Green army, NCC and NSS. Continuing education sub centre of the college offers various Diploma and certificate courses in computer applications such as accounting and programming along with other job oriented courses such as fashion technology and beauty therapy. They also offer short term courses in painting, stitching, baking, and ornament making and computer proficiency for skill enhancement of students along with studies. Language departments of the college shares the experience of their novels, drama and poetry through the screening of adapted movies, conduct of drama fests and involves students in theatre performance for better creative outputs. Most of the departments conducts industrial visits and field projects relevant to their realm of study. As part of environment protection, students come forward with recycled products which can be used as artefacts. In order to develop entrepreneurial skills, add on courses were conducted and students were encouraged to make products like umbrella, earrings, floor mats, chocolates and cushions and exhibitions are also conducted. Various departments conducted exhibitions on a variety of scientific, literary and social themes during *Shastrayan* so as to spread awareness on

scientific facts and special focus was given to gender sensitization.

Participative Learning – Students of all departments of our college actively participate in the actual learning process through attending seminars, group discussions and debate. Students involved in various competitions as part of celebrating International Women’s Day and Reading Day. Project reports submitted by the students are kept in department libraries and students have the chance to publish these works in journals in national/ international or they can present it in seminars. Club activities, youth festivals, public awareness programmes and charity works help the students for their overall development. Sports meets in university, state, national and international levels provide a better platform for the students to showcase their talents and compete with the peer groups. Their vibrant activities during recent flood in Kerala are highly appreciated. Under the UBA platform students and teachers extends their services to society through organising various outreach programmes in adopted villages.

Problem-Solving Method - Critical thinking is an effective classroom tool which promote the autonomy of students. Home assignments are given in different means, some are in a purely problem solving manner and some others are application oriented related topics out of the syllabus, which require further brainstorming through group discussion. The guiding principle of the institution is to ensure that students can link theory with practice and apply their knowledge for the greater good of society.

File Description	Document
Upload any additional information	View Document

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

Response:

All the major Departments of the Institution have ICT enabled classrooms. The college has installed optical fibre internet connection with Wi-Fi unit inside the campus. Further, it has seminar halls, computer lab, science lab and language lab with internal LAN. Teachers are well equipped with latest ICT tools. Teachers attended various training programmes and FDPs on ICT enabled teaching techniques and are using various LMS such as Moodle, Google Classroom, Keralamooocs and Edmodo. Teachers conduct online classes and exams through these platforms. IQAC of the college has conducted training programmes for teachers to strengthen their knowledge. Network Resource Centre with computers is made available for students and teachers.

All departments use PPT and multimedia to simplify the syllabus in a more meaningful way. College website is updated with various programmes conducted by departments. The language departments regularly use film screening of the adapted novels, drama or short story. Language lab is very useful and supportive to our students for enhancing their communication skills and soft skills. Similarly, Commerce and Social Science departments effectively mix up the theoretical classroom teaching and practical exposure through the YouTube videos, E-PG pathshala material, NPTEL videos. Department of Malayalam has conducted workshop and seminar on film making through which students were given training on film editing, cinematography, script writing, shooting and direction. Students came out with two short films in Malayalam.

Most of the departments conducted workshops on research methodology by inviting experts in software training and students were given hands on training on software like SPSS. To keep our student and teacher's pace with the changing scenario, library is regularly updated with online resources. Inlibnet membership is regularly upgraded and e-resources are provided free of cost. Institution has created its online repository and brail software for the blinds. Our library is consisted with good number of educational CDs and DVDs, e-books and e-journals. The Central Library is subscribing 13 newspapers and 50 general periodicals. Library service is fully automated with a window-based library software. The software has housekeeping facilities like issue return cataloguing, reservation and Information Retrieval Facility (OPAC for users). Library subscribes NLIST from INFLIBNET, which enables the clientele to access of e-books and e-journals free of cost.

Social media is skillfully used by the college through its WhatsApp group, Facebook, twitter, Instagram and LinkedIn accounts and all these links are visible on the front page of the website. International Conference on Innovations in Graphs and its Alliances in Digital Era was organized by Department of Mathematics. Seminar hall is equipped with all the ICT enabled techniques with edusat studio. ORICE (online resources initiative of collegiate education) is also well implemented in the Institution. Open defence of doctoral candidates of music and home science are conducted in college seminar hall.

The institution encourages teachers to attend training programmes, workshops, seminars and conferences related to innovation in teaching-learning. ICT resources in the college help teachers to realize the process of IPR and publish research papers in national and international journals.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

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

Response: 16:1

2.3.3.1 Number of mentors

Response: 175

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

2.4 Teacher Profile and Quality

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

Response: 107.52

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

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

Response: 47.65

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

2019-20	2018-19	2017-18	2016-17	2015-16
90	81	86	79	80

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

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

Response: 5.87

2.4.3.1 Total experience of full-time teachers

Response: 1027

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

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

Response:

Evaluation, especially Continuous Assessment, being an integral part of teaching and learning process, is given adequate attention. The college level Examination committee coordinate the Departments in the conduct of internal examinations. The whole process is done in a transparent and robust manner. Internal evaluation is done through giving assignments, class tests, conducting seminars, quizzes, discussions etc.

The Internal assessment report for Undergraduate Courses is prepared on the basis of 3 parameters: - **Attendance, Assignment and Test**. For Postgraduate courses, the components of internals are: **Attendance, Assignment, Test Papers and Seminars**. The attendance of students is monitored via Attendance registers by Tutors and attendance percentage is published in every semester. Internal exams are scheduled as per the Academic Calendar and the time table is displayed in the notice board well in advance so as to provide ample time for students to prepare for the internals. The question paper setting and evaluation of answer sheets for internals are done at Department level. The evaluated answer sheets are made available to the students so as to enable them to identify their omissions and to improve their performance. Internal marks are published and students' approval of the same is confirmed through their signatures in the individual subject mark list. Thereafter it is cross-checked by the respective tutors to avoid anomalies and forwarded to Head of the Department for verification. Then with the approval of Principal, the internals are consolidated and students acknowledges the consolidated internal marks by means of their signature. In the conduct of Seminars, Power point presentations are encouraged and presentations of students are evaluated on the basis of their subject knowledge and comprehensive skills. In Science Departments, internal assessment of Practical is done on the basis of Laboratory performance, experimental skills, maintenance of rough and fair records and performance in viva voce. The records of seminars presented, assignments etc. are maintained in all Departments. PTA meetings are conducted at the department level to review evaluation and to discuss the performance and progress of students.

Continuous Evaluation is also made through online modes such as Google classroom whereby Students submit their assignments and attend tests in virtual classroom. Science departments conduct components free experiments using software such as **Lab VIEW, Moodles** is also explored. Group discussions and open book exams are given to students. Physics Department of our college is very much enthusiastic in bringing up the observation skills and logical reasoning in students. Students are given assignments like observing the things around them and find the physical principles behind it. Students are asked to give report based on field trip/industrial trip and outreach programmes in and around the city conducted by **Science and Technology Museum, TVPM, National Institute of Interdisciplinary Science and Technology (NIIST), TVPM and Space Physics Lab (SPL) Vikram Sarabhai Space Centre, Trivandrum**. Departments also assess the learning levels of the students by assigning projects and internships. The pattern of internals adopted evidently accommodates slow and advanced learners

effectively.

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

Response:

The college has to its credit genuine and student friendly mechanism for redressal of examination related grievances in a time bound manner. A grievance redressal cell is functioning both at the departmental and College level, thereby ensuring a double blinded system keeping in view of the best interests of the academic credentials of students and the Institution.

The college adhere strictly to the guidelines and rules issued by the University while conducting internal exams. The assessment process is completely transparent. Soon after the commencement of course, a college level induction programme is conducted to familiarize the students with the internal assessment and evaluation system. The performance of students is continuously assessed by means of different modes such as giving assignments, conducting seminars, group discussions, tests, special tutorials etc. The college exam committee executes the internal exams in a very meticulous manner.

The internal exams are scheduled as per the University calendar and communicated it to the students well in advance. The exams are conducted with great care to avoid malpractices. Internal supervisors are deputed for smooth conduction of the exams. Each and every faculty involved in the preparation of question papers upholds the ethical values and academic integrity of the institution. After the assessment the marks are displayed in the notice board. The answer scripts are given to the students which help them to get an idea of their performance and the assessment. If a student has any concern with the assessment, she can definitely approach the concerned faculty for clarification, if not resolved it is referred to HOD and further to the Principal. Retest is conducted for those who miss the internal exam due to some genuine reason. A PTA meeting is conducted at the middle of each semester. Special care is given for differently abled students to choose proper scribe at the time of University exam.

The institutional reforms in continuous evaluation system evoke the academic interest of the students and makes them more familiar with the University examination pattern. The transparent, time bound and efficient mechanism to deal with examination related grievances boosts up the confidence level of students.

To help the students to overcome exam related stress there is a counselling cell functioning at the college. Scholar Support Programme (SSP) also helps students to overcome stress and anxiety and to build up confidence.

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

2.6 Student Performance and Learning Outcomes

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

Response:

The faculty and students are well informed and updated about the ongoing programs and its outcomes by means of multifarious initiatives at institutional level. IQAC plays an active role right from the admissions to the student feedbacks so as to keep track of the program outcomes. The students are given a comprehensive prospectus including outcome-based syllabus of the Programs offered in the Institution. Both the faculty and students make use of college website for any sort of clarification with regard to any information about the Programs offered by the Institution. Online learning platforms like moodles and google classroom are also effectively utilized for the same.

All courses and curriculum of the college aim to provide:

- Academic enrichment in the respective programs
- Enhancement of Employability through specific focus on applied aspects of the Programs
- Imparts gender sensitization and Women empowerment
- Skill development and Capacity building
- Entrepreneurial development

Induction meetings are organized at Department and College level to freshers so as to make the students aware of the nature and expected outcome of the Programs. Teachers also mandatorily participate in induction meetings.

The faculties have their representation in University academic bodies such as Syndicate, Senate, Academic Council and Board of Studies which effectively enable the Institution to participate and evaluate the program outcomes. The curriculum is designed on par with international academic standards and faculty has an active role in syllabus revision workshops conducted by PG &UG Board of Studies as most of our faculty members are invited as resource persons for framing syllabus. Also, they regularly participate in Orientation, Refresher and short-term courses at Academic Staff Colleges to update themselves which helps the Institution to achieve the maximum possible outcome from students and teachers.

The courses focus on skill development and capacity building to empower women to initiate their own enterprise. Courses aim at equipping the students with necessary proficiencies for a wide variety of career which require research aptitude, innovative enterprise and entrepreneurial skills. Practical training/exposure are facilitated through internship, field visit, project work, expert lectures, demonstration, workshops and seminars.

The Departments track how many of the students have successfully completed the course and get placement or opt for higher studies. Alumnae of various departments are invited to interact with both the students and teachers during the Orientation programme and at other events and meetings. They share how the different courses shaped their careers and thus help students appreciate the programme. This is also an opportunity for the faculty to take feedback on the courses that need to be improved and the components which will make them more relevant.

The college conducts workshops, seminars and provides ample opportunity to the students to explore the

potential of their domains. Add on courses are conducted by the Departments to ensure the envisaged skill outcomes expected from students. Our courses and curriculum are planned and executed in such a manner to achieve maximum potential and positive outcomes.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document
Upload any additional information	View Document
Past link for Additional information	View Document

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

Response:

In a teaching and learning community, the most effective evaluation is that which encourages and rewards effective teaching practices on the basis of student learning outcomes. Assessment of student learning enables students to identify their own strengths and weaknesses and to decide the types of information and the approach they need to address their learning inadequacies and misconceptions. We realise that those students who are imparted the quality of self-assessment and continuous improvement will continue to perform in and outside the campus and in future too.

The vision and mission statement of the College itself exhibits the emphasis it sets on the attainment of the outcome of the programmes and courses offered by its various Departments. Programme outcomes (POs) and Course outcomes (COs) define the expected levels of knowledge, aptitude and skills required by the students for higher studies, research and employment, and also to contribute effectively to society, by inculcating in them scientific temper, social awareness and responsibility, with special focus on employability and women empowerment. We follow direct and indirect methods of program outcomes. Direct evidence of student learning is tangible, visible, and measurable and tends to be more compelling evidence of exactly what students have and have not learned. This is because you can directly look at students' work or performances to determine what they have learned. Direct assessment include Continuous Internal Evaluation, External End Semester Examinations and the components of personal interaction, which evaluate whether the course outcomes are attained or not. All the questions in continuous internal assessment tests are mapped with course outcomes and are measured based on the performance of the students. The components of personal interactions are decided by the faculty and include worksheets, quizzes, mini projects, case studies, seminar presentation, review of journal papers, etc. Indirect evidence tends to be composed of proxy signs that students are probably learning. Indirect methods include assignment of Course Grades, Surveys, such as satisfaction, attitudinal, feedback, employer or alumni perceptions, focus groups, Interviews, self-evaluations, such as student or alumni self-ratings of learning.

Attainment of these outcomes is excellent, with pass percentage ranging between 70 -80 % in the past 5 years. Out of the 18 undergraduate and 17 postgraduate programmes in various disciplines, the dropout rate

is low. 70 % students in Science, Humanities and Commerce pass in first class (60%) and 55 % with distinction (75%). **The students of the college secure 30 to 35 ranks every year in Kerala University examinations.**

The number of students qualifying in the NET/JRF examinations is evidence of their research capability. **A good number of students join for higher education and research on completion of the programme.** A reasonably good number of students qualify in national level eligibility tests **..The Seminars, Workshops, Surveys, Presentations, Debates, drama etc. on progressive and interdisciplinary topics,** organised by the Departments and the appreciable student participation in these activities, contribute immensely to the attainment of POs and COs.

File Description	Document
Upload any additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 84.92

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

2019-20	2018-19	2017-18	2016-17	2015-16
793	772	761	688	654

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

2019-20	2018-19	2017-18	2016-17	2015-16
952	869	862	843	792

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.7

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 111.66

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

2019-20	2018-19	2017-18	2016-17	2015-16
15.938	17.75	24.112	28.466	25.39243

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

e-copies of the grant award letters for sponsored research projects / endowments

[View Document](#)

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

Response: 23.43

3.1.2.1 Number of teachers recognized as research guides

Response: 41

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

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

Response: 21.18

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

2019-20	2018-19	2017-18	2016-17	2015-16
3	2	3	4	6

3.1.3.2 Number of departments offering academic programmes

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

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

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The college promotes a good research culture and provides a good research environment for cultivating an interest in research and aims to develop research activities among teachers and students from all walks and sections of life. It has 12 departments that function as research centres with a total of 58 research guides and about 200 research students which is a rarity in colleges. All the departments conduct National/International seminars/workshops every year which give special emphasis on research. Teachers, research scholars and students are actively involved in presenting their research papers in conferences and seminars both inside and outside the college and also publish their works in reputed national and international journals. Knowledge production also happens in the form of books or chapters in books, thus keeping alive the transfer of knowledge in research.

The college has an active research committee headed by the Principal of the college and 18 teachers as members. The main activities of the committee are to coordinate research activities, motivate and encourage the faculty and students to take up research projects, promote interdisciplinary research, evaluate and approve project proposals and facilitate major and minor projects, student scholarships and schemes and initiate research based activities. 3 PDFs, and 65 research projects and scholarships of teachers and students of the college have been facilitated during the last 5 years. The research committee is in charge of the annual publication of a peer –reviewed multi-disciplinary

research journal, *Echoes of research*, with ISSN no.2348 2680 since 2012, a unique contribution to the field of research by our institution with its eighth issue in circulation now. The journal intends to create a space whereby the contributors can express their views in research for the faculty as well as the student community of the college who seek an interactive platform for the cross-fertilization of their ideas and perspectives.

In order to provide a common platform for the research scholars, a Research forum was constituted in the year 2019 with representatives from among the research scholars as the executive committee members with an aim to address the demands and issues of the research scholars and to bring their participation in college level activities.

The research facilities of the college are extended to the community mainly through two centres that are functioning since 2019, both by the fund from the Department of Collegiate Education, Government of Kerala. One center is the Instrumentation lab and the other one is the Psychological Research Centre. The instrumentation lab, which gives easy access to advanced research facilities to the academic field, within the state and outside, work with the support of the Science departments - Chemistry, Physics, Zoology, Botany and Biochemistry & Industrial Microbiology. Psychological Resources Center is a unique facility under the Department of Psychology established with the aims of raising the standards of teaching and building psychological resources for the public and policy makers.

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

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

Response: 7

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

2019-20	2018-19	2017-18	2016-17	2015-16
4	0	0	2	1

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

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

Response: 3.27

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

Response: 134

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

Response: 41

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

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

Response: 0.69

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

2019-20	2018-19	2017-18	2016-17	2015-16
30	37	21	15	17

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

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

Response: 0.66

3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in

national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
16	19	42	16	22

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities

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

Response:

The college imparts a value based education model to the students by inculcating social responsibility and aims at a holistic development of the students thus integrating the curriculum with extension activities. The college establishes a link with the society through its NCC, NSS, UBA, the Department Associations as well as the entire clubs and its cells in the college which are its multi-dimensional voluntary units and are actively involved in activities that are beneficial to the society.

The NCC and NSS wings of the college are very active, attracting a lot of students every year, and organize activities related to anti-drugs and illicit trafficking, blood donation, population day, independence day, flood relief, hand wash, swachh Bharath, etc. apart from its regular programmes. Thus, the college moulds the women of tomorrow who get the exposure and gain the experience to be social leaders, efficient administrators, and disciplined, empathetic human beings.

The college is a partnering institution in the Unnat Bharat Abhiyan (UBA), one among the 2 Government colleges in Kerala, and started functioning from November 2018 and has adopted 5 villages in Thiruvananthapuram district that aims to create sustainable villages.

The Department of Psychology is the State nodal centre of Jeevani – College Mental Health Awareness Programme of the Department of Collegiate Education, Government of Kerala. Jeevani is a first of its kind venture in the state of Kerala for the delivery of comprehensive psychological counselling services in all the Arts and Science colleges of Kerala. The training, guidance, and support for the 69 counsellors and the Jeevani coordinators across the state are coordinated by the faculty of the department, with the objective to promote the mental health of the students in the colleges.

Two Departments of the college, The Department of Home Science and the Department of Psychology have extension centres which cater to sensitizing the students to participate in social

service, through which they collaborate with government and non-government agencies in a lot of activities, thus extending the services of their teachers and students. The Instrumentation lab and the Psychological Resource Centre are the two highlights of the college where the facilities and resources of the college are put to use by the community. The alumni association of the college and that of the different departments along with the college students' union, the staff club, ministerial staff club, also constantly engaged in activities which are beneficial for community benefit and useful for the public.

The activities enable the students to reach out to the society in an efficient manner and equip them with the necessary skills needed to bring development in the community, especially to the needy. The activities thus have a profound influence on character building and overall development of the students. The students thus, leave the institution not just as graduates but also as socially responsible individuals who are sensitive to the needs of the society, and armed with the skills and competencies from whom the society will benefit considerably.

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

Response: 13

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

2019-20	2018-19	2017-18	2016-17	2015-16
5	6	0	0	2

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

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

Response: 49

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

2019-20	2018-19	2017-18	2016-17	2015-16
12	21	05	10	01

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

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 9.13

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
264	243	266	245	186

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 72

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
18	28	09	09	08

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 7

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	5	0	1	1

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The campus of Government College for Women, Thiruvananthapuram is spread over 10.65 acres in the heart of the city which is quite accessible from the central bus stand and railway station at a walking distance. The institution offers thirty-five programmes comprising Under-Graduate and Post-Graduate programmes. The college also is a research centre for various disciplines. About 1000 students take admission every year and the campus is abode for nearly 3000 students per annum.

The campus consists of 20 buildings now functioning to meet the infrastructure needs of the teaching- learning process. It includes the Heritage building occupied by the Principal's chamber, office room, Hindi and Malayalam departments; Assembly Hall, Old English Block, Statistics Annex, Philosophy Block, Music block, Home-science Block, New Auditorium, Library, Open Auditorium, Continuing Education Sub centre, NCC Block, Botany and Zoology Building, Physics/Chemistry/IMB building, Commerce building, English honours building, and Canteen. A new building is all set after the construction process and waiting for the Government's approval to occupy. The building for the Statistics Department is under construction and sanction has been received to build yet another one.

The institution has 93 classrooms, 15 science labs, 3 instrumentation rooms, 2 museums, 1 psychology lab and 1 dark room. The college also has 1 Concert hall (music), 1 General Library, 1 Girls Waiting Room, 13 department libraries, 30 staff rooms, 7 seminar halls and 1 co-operative store for the effective functioning academic and co-curricular activities. Sophisticated instruments set up in the instrumentation rooms offer great support to the lab works and projects undertaken by UG, PG and research students. Apart from these labs, a dedicated common instrumentation centre is being set up in the campus offering the use of more specialty and sophisticated instruments boosting the advanced learning in science disciplines in the campus. This facility is extended to the academic community outside the college, making the college as an instrumentation hub offering a great support to the research community.

Separate classrooms are allotted for each batch of students. Rooms are allotted as per the student strength. Apart from some additional language classes, where the students are less in number, each batch of students is allotted separate class rooms. It is ensured that classrooms have sufficient furniture to accommodate the students comfortably. All rooms are provided with enough number of lights and fans. Black/white/green boards are there in all class rooms. As far as possible, LCD projectors and / or smart boards are installed in class rooms for facilitating ICT enabled classes. All safety measures are enabled in the laboratories and PTA monitors the functioning and maintenance of the specialty instruments regularly. College has taken all measures to ensure that the differently abled students get convenient access to the classrooms. Ramps are arranged wherever possible. Each department has separate staff rooms and toilets for teaching faculties. Several toilets and toilet blocks are there in the campus for the use of students.

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

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

Response:

Government College for Women, Thiruvananthapuram exponentially manifests its skills and talents in the domains of arts, sports and cultural activities with its splendid performance and valour not only at the University level, but also at the state and National level competitions. The great achievement of the bagging of III position at the Kerala University Youth Festival 2020 contending the events stipulated only for girls is evident of the fact that the Institution promulgates cultural activities immensely. The college authority has taken due attention in giving proper support and training to its talented students for participating in any such events. The Parent Teacher Association financially supports all such initiatives. Staff members also render their whole hearted support to such efforts by students.

Infrastructure for cultural activities also is excellent in the campus. An auditorium with a seating capacity of about 1000 people is the main venue for the cultural activities. The auditorium has become an important venue in the capital city of the state for many events with gatherings of several thousands of people. Book releases of famous writers, State level competitions by various departments of the state and official inauguration of activities of various government departments which provide an exposure to students to diverse cultural activities are organized in this auditorium. Along with this, Open Auditorium, Assembly Hall, Concert Hall, various Seminar Halls(Chemistry, Physics, Zoology, Botany, English, ORICE, Conference) of the College and the classrooms are venues of cultural activities. Programmes happen simultaneously on these venues on special days like Fresher's Day, Send off Day, Kerala Piravi, Hindi Divas, Music Day, Onam, Christmas, Holi etc when celebrations are conducted at Departmental level. The cultural programmes on Arts Day, College Day, Republic Day, Independence Day etc are conducted at College level at the New Auditorium or Assembly Hall.

Sports and Games is one of the prestigious domains that has taken the glory of the college to new promenades. Every year an average of 50-60 students are admitted in the sports quota in the college for various graduate and post-graduate courses. The faculty of the Department of Physical Education in the college gives immense training and support to the students to participate in University, State and National level competitions. Students are given adequate training in Football, Handball, Rugby, Netball, Softball, Baseball, Cricket, Kabaddi, Kho-kho, Hockey, Archery, Fencing, Ball Badminton, Shuttle Badminton, Table tennis, Tennis, Judo, Boxing, Wrestling, Weight Lifting, Powerlifting, Wushu, Taekwondo, and Athletics.

All the necessary items needed for the practice of sports and games are available in the institution including Canopy, Discus, Javelin, Archery Bow etc. Yoga is practiced in the multi-purpose indoor hall. The infrastructure in the Sports field comprises a gymnasium, playing courts for Handball, Basketball, Kho-kho, Kabaddi, Ball Badminton and Cricket Nets. The indoor space has facility for

multipurpose activities including Shuttle Badminton court and table-tennis. A multi gym, primarily meant for the use of students, with all the state-of-the-art exercise equipment like treadmill, elliptical cross trainer, cycling unit, vibrator etc. is set up in the campus.

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

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

Response: 37.63

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 35

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document

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

Response: 43.04

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

2019-20	2018-19	2017-18	2016-17	2015-16
388.9560	315.6544	167.0954	173.8647	104.3192

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document

4.2 Library as a Learning Resource

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

Response:

Integrated Library Management Systems (ILMS) reflects the fact that all functions are managed via a central database with processes that transparently exchange data between functional components. The term “integrated” refers to a system in which all the library functional modules, such as acquisitions, circulation, cataloguing, serial control, budgeting and OPAC (Online Public Access Catalogue) are processed against a single master bibliographic database. Today libraries are facing challenges posed by diverse and rapidly expanding information universe. Increased user expectations for faster and easier access to relevant information go hand in hand with institutional demands for increased operational efficiency.

The library of Government College for Women, Thiruvananthapuram is one of the oldest college libraries in Kerala, established in 1897. The library was automated with “Libsoft” library software in 2007. In 2017, all the library operations transferred to the KOHA “the world’s best open source library automation software” (Version: 16.05.05). KOHA encapsulates all modules required for comprehensive library software.

KOHA allows total customization and complete control of library data at a fraction of the cost of a proprietary system and serves the needs of a diverse range of libraries. KOHA’s main strength is its web accessibility and ease of use. KOHA supports all library housekeeping activities such as Acquisition, Cataloging, Circulation, Serial Control, Patron Management, and OPAC. Thus, KOHA can be readily configured to each library's needs and is updated with new features frequently.

KOHA is an Integrated Library Management System with the features including:

- Full catalogue module which enables library staff to capture details of all library items. It is MARC compliant, and also z39.50 compliant, meaning data entry and exchange will be greatly simplified.
- Circulation module which fully automates borrowing and item management, integrating with the OPAC so that users can see which items they have outstanding.
- Online Public Access Catalogue (OPAC) module which provides a simple and clear interface for library users to perform tasks such as searching for and reserving items and suggesting new items.
- Acquisitions module which assists librarians with both acquisitions and more generally with budget management. Serials management and reporting modules perform functions that their names would suggest.

Advantages

Cataloguing Improvements

Automated cataloguing standards, such as MARC (Machine Readable Cataloguing), allow for quicker cataloguing of library items. This helps the librarians to improve the customer service and makes the sharing of materials from location to location much more comfortable.

Easier Access

Automation of library materials makes it easier to find and buy books, and also makes it easier to access journals and some books through OPAC. The automation of library collections also allows the library to be more flexible.

Collections

Automation can also help make weeding out old, outdated and irrelevant books and materials from the collection, which helps keep the library's collection more streamlined and more comfortable to find the right item.

Improved Customer Service

The library staff can lead to more programmes being facilitated in the library and make library staff available to help people who are finding the right information.

File Description	Document
Upload any additional information	View Document

4.2.2 The institution has subscription for the following e-resources

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

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

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

Response: 8.26

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

2019-20	2018-19	2017-18	2016-17	2015-16
8.5	7.3	9.6	14.9	1

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

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

Response: 3.5

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

Response: 105

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The college has all advanced facilities for providing uninterrupted internet service in the campus. All e-learning resources and online platforms are thereby available here to the academic community. The college has a centralized internet browsing facility in the general library with sufficient number of computers mainly intended for the use of students. Apart for this, separate computer labs are functioning in departments like Chemistry, Mathematics, Physics and Statistics for the use of students and teachers. All departments have ensured installation of sufficient number of computers with internet connection for the use of teachers and students. Nearly 200 computers are there in the campus.

In 2016, optical fiber connectivity was made available to all departments of the college. In 2018-19, main blocks of the college could be equipped with full Wi-Fi connectivity. Wi-Fi facility is provided through secured Wi-Fi router connections installed in the departments. The optical fibre lines have been recently upgraded in 2019. Connection is provided by Bharat Sanchar Nigam Limited (BSNL). The connected line is of 200 Mbps bandwidth and with a data speed of 50 mbps. Online learning platforms like EDUSAT and Online Resources Initiatives of Collegiate Education (ORICE) are available to the teachers and students with the support of ICT facilities in the college. Online classes and video conferencing are arranged in the campus by making use of these facilities. National Library and Information Services Infrastructure for Scholarly Content (N-LIST) also is available to the academic community of the college. As envisaged by the INFLIBNET programme, N-LIST provides access to e-resources to students, researchers and faculty from college.

A large number of teachers, researchers and students in the college have been accessing e-resources and downloading articles directly from the publisher's portal. As part of KSWAN, a State Wide Area Network (SWAN) under the National e-Governance Plan of the Government of India to create a dedicated Closed User Group (CUG) network and provide secured and high-speed connectivity for Government functioning and connectivity, the college has initiated its efforts to build the infrastructure requirements. An amount of rupees ten lakhs has been sanctioned from asset maintenance fund to extend wi-fi connectivity throughout the campus. The IT facilities have been offering great support to the students for online enrollment and exam registration through the university portal and to the teachers for uploading continuous evaluation scores of students. Recently, University of Kerala has started providing questions papers of all post graduate examinations online through the exam portal just before the commencement of the examinations and the same may be facilitated soon for the undergraduate examinations also. The college has enough resources to conduct online examinations for small groups of candidates. E-governance with the support of ICT resources in the campus is a great support to the college administration.

File Description	Document
Upload any additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)**Response:** 14:1

File Description	Document
Upload any additional information	View Document

4.3.3 Bandwidth of internet connection in the Institution**Response:** B. 30 MBPS – 50 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)****Response:** 23.89**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
524.8642	150.7263	73.7290	16.5466	21.5760

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

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

We always pay due attention to the proper utilization and repair of all amenities and infrastructure like laboratories, libraries, sports complex, internet & computer facilities and classrooms. We ensure the full-fledged utilization of all available resources for the benefit of academic growth and development. We have an established mechanism in carrying out major works of maintenance and repair with the support of state government and agencies like UGC and RUSA. College level bodies like Parent Teacher Association (PTA), College Development Council (CDC) and Continuing Education Sub Centre (CESC) are supporting minor works of maintenance and repair. Utilization of funds are as per the rules of state government by following standard protocols to ensure quality and financial conduct.

Annual plan funds are a major source of laboratory maintenance for buying glassware and equipment. All science departments are supported with appropriate amounts for buying equipment, chemicals and glassware based on the requirements, as decided in the college council meetings. Once the funds are allocated, the concerned department and purchase section will initiate the purchase formalities. Separate labs for UG and PG programmes with supporting staff provides students with ample opportunity in learning lab courses through laboratory sessions with hands-on experiences. Proper functioning of science labs are ensured by annual repairing and renovation works. Separate funds are allotted for buying books also. As per the suggestions from students and teachers in each department, books are centrally purchased every year and added to the stock of general/department libraries. We facilitate a thorough utilization of books and reference resources. A good number of trained staff is deployed to ensure the smooth and student friendly functioning of libraries. Digitization of libraries is providing a hassle-free experience for teachers and students in the utilization of resources.

Many sophisticated instruments are purchased by the financial assistance of DST-FIST, UGC, RUSA and Dept. of Higher Education, Govt. of Kerala and these instruments are added to the central instrumentation facility set up in the campus. Electronic equipment and computer systems are also purchased by the assistance of UGC and state government. Students, particularly research scholars and PG students are greatly supported by the instrumentation facilities in pursuing their studies. Regular and proper operation of all these instruments is ensured by faculty members and researchers of the concerned departments. Annual maintenance contracts for 3 to 5 years are made at the time of purchase of instruments itself. Minor repairs with the instruments are done by the utilization of PTA and CDC funds. The revenue generated by the use of instrumentation facilities for external samples are remitted to the PTA office by the departments and the same would be utilized for meeting the recurring expenditure towards the repair and maintenance of those instruments. Urgent electrical, plumbing, electronic and computer maintenance works also are done by utilization of PTA and CDC funds.

Much importance is given to the sports amenities in the campus. College has two playgrounds for carrying out sports and games events. A multi gym with all the state-of-the-art exercise equipment like treadmill, elliptical cross trainer, cycling unit, vibrator etc. is set up in the campus. Recurring grants are ensured for the purchase of new sports goods and for the maintenance of existing facilities. Students are making use of all these facilities in a full-fledged manner. The college is sensitive to the requirements of the differently abled students and teachers who are an integral part of the college. New and more comfortable pathways and ramps have been constructed in the recent years that have ensured that the differently abled feel comfortable and safe in the campus. The college has a student strength of over 3000, special care is taken to provide them with basic amenities like toilets. The repair and maintenance of toilets are therefore undertaken regularly to ensure their safety and hygiene.

Nearly 200 computers are there in the campus for the use of students and teachers. Regular service and maintenance of the computers are done with the use of plan funds and by the support of PTA funds. The

proper functioning of UPS and other supporting facilities required for the functioning of computers are ensured with the help of supporting funds. Uninterrupted internet connectivity is made available in all departments, libraries and college office. The broadband lines have been recently updated in the year of 2019. The connected broadband line is of 200 Mbps bandwidth and with a data speed of 5 mbps. Timely repairing is done whenever there is any failure in the systems. Online learning platforms like EDUSAT and Online Resources Initiatives of Collegiate Education (ORICE) are made available with the support of ICT facilities in the college. CDC funds are utilized for purchasing consumables such as toner cartridges and for meeting repairing expenses.

Separate classrooms are allotted for each batch of students. Rooms are allotted as per the strength of each class. Apart from some additional language classes, where the students are less in number, each batch of students is allotted separate class rooms. It is ensured that classrooms have sufficient furniture to accommodate the students comfortably. Repair and maintenance of the furniture is undertaken from time to time. All rooms are provided with enough lights and fans. As far as possible, LCD projectors and /or smart boards are set up in class rooms facilitating ICT enabled teaching process.

Asset maintenance works are undertaken every five years. Financial assistance is sanctioned by the authorities, whenever such requirements arise. Repairing and painting works are performed in a timely manner with the support of the Public works Department of Government of Kerala. A sum of Rs 4.45 crores was sanctioned in 2019-20 for maintenance works in the college. Many of the blocks of the college are over hundred years old and have been declared by the Government of India as heritage buildings. The maintenance works of such portions are undertaken carefully, following the norms of maintenance of heritage monuments as laid out by the Government of India.

File Description	Document
Upload any additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 84.7

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

2019-20	2018-19	2017-18	2016-17	2015-16
2436	2348	2242	2098	2046

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	View Document
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	View Document

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

Response: 2.94

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	96	96	95	93

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	View Document

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

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

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

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

Response: 5.25

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

2019-20	2018-19	2017-18	2016-17	2015-16
130	126	121	153	159

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	View Document

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

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

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

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

Response: 5

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

2019-20	2018-19	2017-18	2016-17	2015-16
23	66	44	56	29

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

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 127.53

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 1223

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document

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

Response: 40.64

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

2019-20	2018-19	2017-18	2016-17	2015-16
61	45	30	21	24

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

2019-20	2018-19	2017-18	2016-17	2015-16
105	98	87	68	71

File Description

Document

Upload supporting data for the same

[View Document](#)

Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)

[View Document](#)

5.3 Student Participation and Activities

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

Response: 54

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

2019-20	2018-19	2017-18	2016-17	2015-16
16	9	10	9	10

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

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

Response:

Students are given the foremost importance and representation in the administrative, co-curricular and extracurricular activities in the college. College administration has taken all measures to facilitate admission and student support services. Feedback from students is collected from all batches of students to make improvement in infrastructure and betterment in the quality of teaching. An elected body of students headed by the union chairman is coordinating all student centered activities in the college. Union chairman is also a member of college council which is a body headed by Principal and comprising of all head of the departments and three elected members from teachers and administrative assistant. College council functions as an advisory body helping principal to manage all day to day activities of the college and by resolving all issues pertaining to the general interest of the institution. Chairman gets an opportunity to raise various issues faced by students and to put forward suggestions to improve the academic and extra-curricular activities in the college in the council meetings. The role of other members of the union are as follows; Vice chairman assists the chairman in coordinating college union activities. General Secretary is in charge of all activities of the college union where students' participation is involved. Arts club secretary and sports secretary are in charge of conducting and coordinating all arts and sports events in the campus and outside where students of the college are participating. Participation in youth festivals and various sports & games are coordinated and facilitated through the college union with the guidance and assistance of staff advisors. Magazine editor compile the literary efforts of students and teachers of the college and publishes college magazine once in a year with the help of a staff editor and magazine committee. Two university union councilors are representatives from the college to the university union where various academic issues and grievances of students are addressed. University union also coordinates various intercollegiate arts and sports events every year. Five class representatives (Three for three years of UG students and two representatives for two years of PG classes) are there to put forward the issues of general concern by respective batches of students. All subjects offering at least a UG programme has an association with an elected student secretary who coordinates department level activities related to that discipline. Seminars, talks, quiz competitions, debates etc. are some of the common activities organized by the department associations. Apart from this, each class has one or two class representatives for maintaining class logs, communicating general information to the class and for coordinating all class level

activities. Students are also given representations in important bodies like IQAC, library advisory committee, college development council, canteen committee etc. Students have been selected to various co-curricular programmes like scholar support programmes (SSP); for giving special training to needy students, walk with scholar (WWS); for mentoring a few students with good academic record, additional skill acquisition programme (ASAP); for giving training on additional job skills etc.

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

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

Response: 19.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
22	20	20	19	15

File Description	Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

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

Response:

Alumni of any academic institution play a crucial role in its growth and development of it. The college is the oldest women's college in the state of Kerala. A very large number of alumni comprising of women from diverse strata of society makes it very unique. Former teachers and researchers also are part of the alumni association. As a good number of present faculty members are former students of the college, alumni association activities are regularly arranged with good participation and programmes. Under the college alumni association, there are alumni associations of various departments. An executive body

comprising of former teachers, students and some present staff members of the department is constituted for the smooth functioning of the alumni association. Every year alumni meetings are arranged by each department where the members make very valuable suggestions, opinions and remarks on the growth, development and performance of the college. Apart from the membership collections, financial contributions are received from alumni members capable of supporting the activities of the department. In many of the departments, contributions from alumni (both students and teachers) are received in lump sum amounts, the interest of which is used for giving scholarships and awards to students on merit and/or merit cum means every year during the department alumni meeting. The alumni members also donate books and other needy items to the respective departments and classes. The association also offers financial support to economically backward students in the campus. Alumni associations also raise funds to contribute to distress relief activities whenever it is needed. In the year 2018, during the devastating flood that affected many lives in the state of Kerala, lump sum amounts were collected by the alumni associations and were contributed to the chief minister's distress relief fund. College level alumni meet also was arranged, where the former faculty members and former students of all departments were invited. The infrastructure development, laurels of academic and extra-curricular excellence, issues to be addressed by the college etc. are presented before the alumni for seeking their help and support. An alumni member is included in the Internal Quality Assurance Cell, the appellate body in the college to monitor and evaluate curricular, co-curricular, and extra-curricular and infrastructure development activities of the college. Many alumni members, who serve job as teachers offer academic support by delivering special classes / invited talks. As many of the mother parents are former students, parent teacher association also can offer a constant support to the alumni association. In connection with the merit day programmes, a large number of endowments are awarded to the meritorious students. These endowments are mainly due to the contributions by teacher and student alumni members. During the alumni meetings, suggestions and opinions from the members are sought for drafting the institutional development plan. Such inputs are also taken into account during the implementation of infrastructure development and academic activities in the campus.

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

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

Response: D. 1 Lakhs - 3 Lakhs

File Description	Document
Upload any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Our vision as an academic institution is to provide education in basic science and humanities. Our mission is to educate girl students to face the challenges of the world with courage and confidence. Teachers are the backbone of the institution by facilitating all the curricular, co-curricular and extra-curricular activities in the campus. Teachers play a crucial role in the course design, curriculum development, syllabus drafting, classroom teaching and in the evaluation processes. A number of the teachers in our college are either chairman or members in the academic bodies for course and curriculum development of University of Kerala to which the college is affiliated. The College council comprising all heads of departments and elected teacher members chaired by the college principal coordinate all the activities in the campus. The college development council is another body where the district administration provides support and guidelines in developmental activities in the campus, in which the principal and a few teachers are members. Parent teacher association (PTA), where all teachers are members also monitor the functioning of the college and provide support in all the activities in the campus. Our teachers are focused in promoting research and learning at the PG level and beyond. We have a very active research committee comprising teachers from all PG and research departments of the college in facilitating all research activities in the campus. In order to build sustained academia-industry linkage to match with the dynamic markets, our teachers try their level best in coordinating interdisciplinary research activities in the campus. They also take care in equipping our students with sophisticated techniques and help them to find solutions to the current problems of the society. The best practices like common instrumentation centre, made available for the entire research community of the state are fully run by the efforts of the teachers of the college. All our broad range of non-formal educational services, like the 'new initiative' programmes and the continuing educational services are facilitated and run by the teachers of the college in line with our mission to create an environment to excel in all activities. The transaction of knowledge and creation of intellectual power among the needy and deserving community is ensured by all of our teachers. In order to transform the student into a balanced personality through a wide variety of curricular, co-curricular and extra-curricular activities, the whole activities in the campus are monitored through systems like college level monitoring committee, department level monitoring committee, class tutorship, class level PTA etc., realized only with active teacher participation. A number of clubs and cells are functioning in the campus with teachers as coordinators, ensuring active participation of students in co-curricular and extra-curricular activities. Teachers take responsibility of NSS and NCC activities in the campus. Apart from these, arts and sports events in the campus are conducted by teachers of the college. Teachers also undertake many governing roles in committees like admission committee, purchase committee, accommodation committee, building committee, continuing education sub centre committee etc.

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

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

Response:

As a case study of decentralization and participative management in the institution, we cite the mode of utilization of various funds sanctioned to the college for the benefit of the institution. All the institutional development activities are outlined first in college council, where the principal is the chairman and all heads of departments and a few elected teachers are members. After preliminary level discussions on various proposals, the heads of departments would later convene department level staff meetings to collect inputs from all staff members of each department. The proposals are drafted based on the collective efforts of the teaching community. Whenever required and wherever possible teachers are in touch with students also in these matters. Plan funds allotted by the dept. of collegiate education are the major source of funds available for meeting the developmental and consumable requirements of the college. Procurement of furniture, Laboratory and library maintenance, regular renovation and repair, conducting academic programmes like seminars and workshops are met with the utilization of plan funds. All these are mainly done by drafting the department level proposals after discussion with all staff members and students. A planning board functioning in the campus monitors all these activities and provides ample guidance and support. Once the preliminary level proposals are drafted, these are further consolidated and discussed in college council meetings for finalization. The final proposals are then submitted to the directorate of collegiate education for approval and sanctioning. In the utilization of sanctioned funds also similar interactions and participation of the teachers are ensured. The proposals for conducting academic programmes like seminars and workshops also, same procedure is followed. Seminar proposals are planned in the department level and then forwarded to the funding authority after verifications. It is ensured that all teachers and students are actively participating in such programmes. In submitting department level and college level fund proposals to the agencies like UGC and Dept. of Higher education, Govt. of Kerala, similar procedure is followed. Following to the need analysis only the purchase of any specialty instruments would be done. A purchase committee headed by the college principal with representation from various departments is there to coordinate the whole purchase process. With the help of experts from frontier research institutes in Thiruvananthapuram like IISER, Sree Chithra Thirunal Institute of Biotechnology and NIIST, pre-purchase specifications and subsequent processing are done. Thus it is ensured that the purchase of specialty instruments is done with a great level of preparation and care. As an outcome of these practices, we could set up a central instrumentation facility for the benefit of academic community in the campus and outside. This can be considered as an ideal example of timely and efficient use of public exchequer. Above all, by these assistances, we could procure a number of sophisticated specialty instruments which have become a great help to a number of researchers not only in the college but also to those outside.

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

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Psychological Resource Center is a facility under the Department of Psychology.

It aims at raising the standards of teaching and building psychological resources for the public and policy makers. Facilities and equipment included a Neuropsychological Laboratory, Training Laboratory, Research Laboratory and Extension Services.

Total amount allotted under the plan fund (2018-19) for the center was Rs. 40, 27,258.

The proceedings was issued on 30.08.2018 (Order no. P/27312/2018/Coll.Edn.). Since the implementation of the center involved a number of speciality purchases and the time remaining in the plan period was apparently less, a strategic plan was effectively deployed to complete purchase within the limited time of 6 months.

Process

- 1.Implementation as a collective effort: An implementation committee was formed with the Principal as chairperson and a faculty member from the Department as coordinator. The committee comprised of academic members, administrative members and external experts. All the purchase proposals under the Center were inspected and sanctioned by the committee to ensure procedural clarity, transparency, cross-verification and documentation.**
- 2.Direct purchase: A major challenge in the purchase process was the limited time and a relatively high proportion of proprietary equipment in the area of neuropsychology, which is to be bought directly. The committee prepared a list of 26 items for proprietary purchase worth Rs 19,99,830/- from two vendors, and the principal wrote to the Director of Collegiate Education requesting permission for direct purchase (A6/3750/2018/GCW dtd 04/12/2020).**
- 3.Administrative Liaison and Intervention: The challenge involved in the purchase was promptly communicated to the Director's office. The Director's office communicated to the Head of the Department at a National Institute in the field of Psychology and Mental Health and requested him to propose a panel of experts. The Principal wrote to each of these experts and sent them the details (17.12.2018). The expert opinions regarding the suitability of items were obtained in a week's time. The purchase committee examined the same on 19.12.2018 and the implementation committee endorsed the process on the same day.**
- 4.Ensuring the Cooperation of Academic Experts for Ease of Administration: The coordinator**

of the implementation committee prepared an abstract of the compilation of the expert opinions as the recommendations of the experts might appear too technical for the administrative decision makers. The agreements of the experts were further sought on a single sheet. Further negotiation was made with one of the vendors who included another accessory worth Rs 25,000/- to the equipment. The agreements to the abstracts by all experts were obtained and submitted to the Director by the end of January 2019, who wrote to the Department of Higher Education to decide upon the matter (P3/27312/2018 dtd 03/02/2019). With due follow up and clarifications at the Government, the final sanction from the Government was obtained on 27/02/2019 (GO no. 326/2019 HEdn). The purchase was completed promptly from the college and the whole amount was utilized within time.

A further amount of Rs 9,06,514/- was also sanctioned to the center for the next plan period.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

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

Response:

Government College for Women, Thiruvananthapuram, is a premiere, special grade college under the Collegiate Education department of the Government of Kerala. The collegiate education department has been instrumental in imparting superior quality higher education in the State. Being one of the oldest colleges in Kerala, Government College for Women, Thiruvananthapuram, has succeeded in empowering generations of Women to succeed in their professional and personal lives and serve the society with virtue and resolve. The collegiate education department is headed by the honorable minister for higher education and monitored by the Principal Secretary for higher education. The Director of Collegiate education executes and coordinates the activities of the department. Government College for Women, Thiruvananthapuram, is headed by the special grade Principal who is assisted in the work of administration by an able body of ministerial staff headed by the Administrative Assistant. The academic activities of the College are orchestrated by the College council that comprises the Principal, Vice-Principal, the twenty four heads of the departments and elected representatives. The executive power of the college is vested in the college council. The activities of each department are spearheaded by the heads of the department who work in consultation with the faculties and students of the department. Several statutory committees of the

college work in unison with the college Principal for the smooth conduct of the institution. The faculty as well as the ministerial staff are appointed through the Kerala Public Service Commission and are bound by the Kerala Service Rules (KSR).

The college administration is also advised by the college development committee headed by the district collector. Principal, teachers, students, administrative staff and PWD assistant engineers are its members. The committee conducts meetings twice a year. The CDC fund is utilized for the welfare of the students.

The college has a dynamic IQAC that intervenes constructively in the curricular and extracurricular activities of the college.

The Parent Teacher Association(PTA) of the college has played a pivotal role in the smooth functioning of the college and is constituted of representatives of parents and teachers. The meeting of PTA is convened every month and it effectively discusses and deliberates upon all issues connected to the college, including discipline, construction and curricular aspects. Parents play an enthusiastic role in the PTA and offer sincere suggestions for improvement and progress. The PTA fund collected from students is utilized mainly for maintenance of the college especially to ensure that state of the art infrastructure facilities are made available to the students and can learn in a vibrant, green, hassle free ambience.

The college has a planning board, building committee and College Level Monitoring Committee (CLMC) all of which are constituted as per the guidelines of the regulatory bodies. The college planning board is an advisory board to the Principal. Details regarding the mobilization and effective utilization of funds are conveyed to the college council through the planning board. CLMC looks into aspects such as curriculum planning, conduct of internal and external examinations, and uploading of data.

File Description	Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The college provides both statutory and non-statutory welfare measures for the benefit of both teaching and non-teaching staff. They are given below:

1. Casual leave of 15 days for teaching staff and 20 days for non-teaching staff every year.
2. 30 days of Earned Leave per year for non-teaching staff.
3. 20 days of Half Pay Leave both for teaching and non-teaching staff every year.
4. Staff members who attend various Training Programmes/Orientation/Refresher courses and CV camps for evaluation of answer scripts are treated as 'On Duty', subject to existing Government rules.
5. A general library with good reading and reference facilities is available for the staff.
6. Online access has been provided for teachers to N-list and INFLIBNET.
7. Female staff can avail Maternity Leave as per the state government rules.
8. Paternity Leave is granted to male staff as per the state government rules.
9. Duty leave for a maximum of ten days per year is granted to teachers to participate and present papers in seminars/workshops.
10. Major National and state festivals are celebrated in the college by all staff members with a spirit of unity and fraternity.
11. Good quality food is provided for staff and students at a nominal price in the college canteen.
12. First Aid Facility and emergency medicines are available in the PTA room.
13. An effective grievance redressal cell functions in the college that addresses the problems of the staff members with due seriousness and earnestness.
14. An effective Internal Complaints Committee operates in the College for the prevention of sexual harassment of women at workplace.
15. Parking facility for both four wheelers and two wheelers are available in the college for teaching and non-teaching staff.
16. High speed fiber optic internet connection has been provided in every department of the

college and the college office.

17. Elegant and befitting public functions are arranged in the college for the retiring staff in recognition of their committed service to the institution.
18. Permanent employees, both teaching and non-teaching, are eligible for service benefits like gratuities, pension and all other government welfare schemes and measures.
19. All permanent employees are included in the state life insurance scheme, group insurance scheme and group personal accident insurance schemes.
20. All permanent employees of the college, both teaching and non-teaching are included in the General Provident Fund (GPF) wherein the staff can invest in GPF on a monthly basis which will earn annual interest given by the Government.
21. Festival allowance/festival bonus are provided for all employees prior to Onam festival, as per eligibility, and a festival advance which is to be repaid in 6 equated monthly installments, is granted for those who wish to avail it.
22. Contributory pension scheme was implemented for permanent staff who joined the service after 01/04/2013 – 10% of the salary was deducted from the employee with a corresponding contribution from the government and was accrued to the NPS fund every month.

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

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

Response: 1.37

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

2019-20	2018-19	2017-18	2016-17	2015-16
2	6	2	0	2

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

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

Response: 6.6

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

2019-20	2018-19	2017-18	2016-17	2015-16
14	7	6	4	2

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

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

Response: 17.16

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

2019-20	2018-19	2017-18	2016-17	2015-16
49	45	27	10	19

File Description	Document
Upload any additional information	View Document
Details of teachers attending professional development programmes during the last five years	View Document

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

Response:

Government College for Women, Thiruvananthapuram, has in force an effective performance appraisal system for the teaching and non-teaching staff for ensuring quality in academics and administration. Self and peer evaluations and academic audits are important in ensuring quality and standard in higher education. Govt. College for Women has a foolproof performance assessment system as per our quality assurance programme. Annual Quality assurance reports are clearly indicative of the curricular, co-curricular and extracurricular performances of our college. Teachers are undergone evaluation processes annually by the mandatory submission of annual performance based appraisal reports which summarizes the overall performance of teachers in terms of the assigned and accomplished teaching workload, other academic roles performed, examination related undertakings, representation in various academic bodies, participation in seminars, symposia, workshops, training programmes etc., innovative practices, research contributions awards/recognitions received etc. All the claims made by the teacher in the self-appraisal processes are cross verified with supporting documents by the respective head of the department first and then by the IQAC team and finally the document is certified by the Principal. The report provides an authentic record of a teacher's overall performance as a mentor and academician. As this evaluation is in the form of a peer reviewing nature, teachers get ample opportunity for self-evaluation and for shaping career plans for growth and development. Curricular growth and academic output of teachers can be accurately assessed individually by this system. Placement and promotion of teaching staff are done through screening and/or selection processes by following the UGC regulations which have been modified and implemented by the Department of Collegiate Education, Govt. of Kerala. The placements of Assistant Professor to higher stages and then promotion to Associate Professor are done mainly based on the evaluation of these appraisal reports. College IQAC plays the crucial role in mediating placement and promotion processes of the teaching staff. In our institution, IQAC has forwarded 120, 114 and 32 applications received so far from teaching staff for placement/promotion to Assistant Professor (AGP 7000), Assistant Professor (AGP 8000) and to Associate Professor, respectively. Most of them have been placed/promoted to the higher stages. IQAC has taken due care and vigil in scrutinizing the proposals and validating the genuineness of the performance reports before forwarding to the higher authorities. Though this self-evaluation mechanism, quality enhancement in academics and research output and innovations can be clearly benchmarked. The AQARs prepared by the college provide consolidated data of the appraisals of the teaching staff. The IQAC also engages in analyzing the self appraisal reports of the teaching staff for quality enhancement, research data updating and even for planning infrastructure development. The intuitional development plans are reviewed also on the basis of the performance and evaluation of teaching staff. The performance appraisal and the resulting promotions for non-teaching staff are conducted on the basis of the Kerala Service Rules (KSR). The promotion of non-teaching is done based on the confidential reports prepared by the controlling officer after assessing the performance of the employee.

File Description	Document
Upload any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

As a government institution under the Dept. of Collegiate Education, Government of Kerala, our college undergoes internal and external audits every year. An institutional level auditing is conducted internally every year in terms of the annual stock verification. First the department-wise stock verifications are done by the teaching and non-teaching staff. Thereafter, a formal annual internal audit is conducted, where all the assets like furniture, instruments, computers and accessories, library books, laboratory items and all other non-consumable items entered in all stock registers are physically verified. A stock verification committee comprising teachers is constituted every year for facilitating this. Any discrepancies noted on comparison with stock registers would be reported and further actions would be initiated. Items which are irreparably damaged and become out of use are listed for writing off and would be submitted to the principal for further action. Along with the stock verification, internal financial audit is done by the accounts section of the college administration. All financial transactions that include fund utilizations, fees collected, all expenses incurred under various heads, purchase related processes etc. are thoroughly checked by internally constituted teams to ensure whether all such transactions are in order as per the existing rules of the state and the department. External audit by the audit wing of Department of Collegiate Education also is done annually through a week long auditing process. They thoroughly cross check and verify all financial transactions like general transactions, purchase related expenses, utilization of plan funds, grants and scholarships to students, salary to the guest faculties, special financial assistance from the state government and financial support from UGC. Apart from the financial matters, attendance details of all staff members, stock registers, other duty registers, leave accounts etc. also are verified. Audit by a team from the office of the Accountant General (Kerala) also is done occasionally to verify the accounts of previous years. In addition to these audits, accounts of PTA, Continuing Education Sub Centre, UGC and DST-FIST are audited by approved chartered accountants. The stores and purchase department of the Government of Kerala also conducts audits once in every five years. The financial transactions in connection with the conduct of funded seminars and workshops also are verified through these audits. On completion of the internal and external audits, minor/major issues, if any, would be raised by the audit team as queries and objections. Those would be addressed and clarifications are made by the concerned department/staff to keep the records in order. Refunds are made to the Government treasury, whenever it is required, as per rules. The regular auditing exercises ensure strict adherence to the stores and purchase rules of the state and timely settling of accounts. This assures proper utilization of public exchequer and good financial conduct in the institution. In addition IQAC conducts internal and external academic and administrative audit, Green, environment and energy audits every year.

File Description	Document
Upload any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)**Response:** 24.43

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

2019-20	2018-19	2017-18	2016-17	2015-16
2.7625	0	11.6285	5.3513	4.6830

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document
Any additional information	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources**Response:**

The institute has been financially supported by various bodies in its functioning. Being a Govt. institution, our college has been supported by the annual plan fund allocations for collegiate education in the state of Kerala. Purchase of books, laboratory chemicals and equipment, furniture, ICT resources, maintenance works etc. are met by utilizing these funds. Construction of new buildings and modernization of existing facilities are accomplished through special assistance. Along with this, the college has been granted funding from national agencies like UGC, RUSA and DST (FIST) over the past several years, for institutional development and for purchase of instruments and supporting facilities. All these fund mobilizations are done through carefully drafted proposals based on the requirement of the college as a whole and for the individual departments separately and after several rounds of planning and discussion by various committees. Once the funds are sanctioned, the implementation has been monitored by the college planning board and college council. If the fund has been sanctioned for the whole college, the decisions on dividing the funds for individual departments have been done in college council meetings. For instrument purchases, particularly for the specialty instruments, the decisions are made by the purchase committee and projects implementation committee specifically constituted for this purpose. Construction of new buildings and renovation works of existing facilities are monitored by the building committee. From drafting the building plan to the commissioning of the building, the building committee liaisons the works undertaken by the Public Works Department of the Govt. of Kerala. We have been taking due care in making new constructions without affecting the greenery of the campus much. Two new buildings, the central library and the academic block for BA (Hons.) have been completed recently by following green

protocols as much as possible. We have been specifically focusing on vertical growth rather than horizontal expansion as we are in short of land in the campus. Funds are also being collected through bodies like Parent teacher Association (PTA), Alumni Association, College development Council (CDC). Many of the routine expenses in meeting student support and amenities are met by the utilization of PTA funds. A sub centre of Centre for Adult Continuing Education & Extension of University of Kerala is functioning in the college campus. The centre provides financial support to some of the college activities in return for the facilities they have been provided by the campus. We have been generating internal revenue by renting out our auditoriums and offering the instrumentation facilities to the academic community outside, on payment basis. By doing this, we have been getting enough funds to meet the running cost and maintenance charges of the sophisticated instruments. Our infrastructure is often shared for conducting external examinations and examinations of distance education programmes of the University of Kerala. In short, we have been doing in a planned and systematic manner in mobilizing various funds and we are taking due attention in optimum utilization of all of our resources.

File Description	Document
Upload any additional information	View Document

6.5 Internal Quality Assurance System

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

Response:

1. Village adoption under Unnat Bharat Abhiyan

The success of any educational institution is marked by the impact that it creates on the society to which it belongs. A system of education that keeps aloof from the demands of the society and refuses to contribute to its progress is necessarily parasitic and becomes a burden on the society and its resources. It is to ensure this social commitment that the IQAC unit of the college, in association with a group of teachers under the auspices of Unnat Bharat Abhiyan, decided to take up the adoption of neighbouring villages to improve the quality of living of the people there.

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an inclusive India. The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It aims at providing necessary know-how and chosen practices for emerging professions so as to upgrade the capabilities of both the public and private sectors in order to empower them to face the challenges related to development in the rural sector. Government College for Women, Thiruvananthapuram, has identified the villages Thiruvananthapuram rural, Kudappanakunnu, Aruvikkara, Aryanad and Pangode for the process of adoption and is actively

involved in the development process of these areas.

1. Improvement in facilities for the differently abled with the support of PRAPTHA.

It has come to the notice of IQAC that a lot of differently-abled students study in Government College for Women, Thiruvananthapuram. The University of Kerala to which this institution is affiliated, provides reservation every year in every discipline for students with disability under the category 'Persons With Disability' (PWD). It was observed that the old buildings of the college, mostly built during the Victorian era, lacked proper facilities for such students. Ramps and such other facilities were constructed in all the old buildings of the college. All the new buildings constructed in the campus, after 2014, have been equipped with ramps. Multi-storeyed buildings including the New Library building have lift facility. User-friendly wheelchairs also have been provided with the support of PRAPTHA (and PTA).

PRAPTHA, an association of physically challenged teachers and students is the pride of the institution. It was constituted as per the directions of the University Grants Commission. It was officially launched on 25 October 2019.

For systematic and integrated functioning, the committee has an executive wing, comprising a convener who is a faculty of the college, seven teachers, of whom two are differently-abled, two differently-abled students, two parents of differently-abled students and the Administrative Assistant of the College. Within this mandatory structure, PRAPTHA has witnessed familial ties between its members and has generated an ambience of love, care, well being and empowerment. The teacher representatives walk with these students as their mentors.

File Description	Document
Upload any additional information	View Document

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

Response:

1. Improvement of Research and research facilities.

Government College for Women had ten research departments in 2015. The number of research guides was less and the quality of publications was not up to the mark. IQAC made a special initiative to improve research facilities and to facilitate enrolment of external supervising teachers. Commerce and Home Science departments have been upgraded to Research centres.

Twelve crore rupees was sanctioned by the government to set up an instrumentation laboratory. The instruments have been extensively used for socially useful ventures and recently have even been used for COVID detection. An amount of Rs.4 crore has been used for instrumentation. Our faculty have acquired a large number of publications in standard peer reviewed journals some of which have high impact factor. The whole college is equipped with optical fibre internet and Wi – Fi facilities with internet connectivity for all the staff members, computer labs and smart class rooms.

2. Library and e-learning facility.

Women's College Library is one of the oldest college libraries in Kerala having been established in 1897. It has a fairly good collection of books and periodicals. However, during the last NAAC team visit, the PEER team had remarked that the infrastructure of the library was insufficient. As a result of IQAC's initiatives, a new library building was set up with state-of-the-art facilities. IQAC made a special attempt for its funding and implementation. The new library is functioning in a newly constructed four-storied building situated at the centre of the campus. All the floors have a Centralized Networking and UPS facility. Internet access is also provided to all floors in addition to a cyber centre on the third floor. Lift facility is provided to users for the easy access of documents. The ground floor houses the general reading section, periodicals section, automated issue, return counter and reference section. The first floor has been kept apart as a stack area for general books. A reprographic section is also housed on the first floor. The Malayalam section is housed in the second floor. The third floor is set apart as the Research Section and cyber centre with E-Journals and E-books facility. The library provides comfortable, efficient and friendly support to all members of the college, as well as guests and researchers. The library is open from 9.30 am to 4.30 pm on all working days.

The library is equipped with nearly 1 lakh books which are placed in the central library and various department libraries. The Central Library subscribes to 13 newspapers and 50 general periodicals. Library service is fully automated with window-based library software. Library subscribes to NLIST from INFLIBNET, which enables the clientele to access e-books and e-journals free of cost. Women's College Library is one of the members of the Thiruvananthapuram cluster of Arts and Science Colleges Libraries, which enables the search facility of books through an online catalogue among the participating colleges. Government College for Women's library also regularly conducts Library Extension Activities.

File Description	Document
Upload any additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

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

Response:

The Government College for women strives to achieve gender equity by enabling every girl student enrolled in the college to realize their full potential. The Institution promotes the gender equity & sensitization mainly through the activities of women cell. The Women cell organizes gender awareness programmes, career grooming services, and vocational training facilities that seek to address women's needs and concerns, and also equip them with skills and attributes to handle the resources and opportunities available to them.

The programmes organised by the women cell of the institution are enlisted below:-

1. The inauguration of Women Cell activities for the year 2017-18 was inaugurated by the Principal Dr.G.Vijayalekshmi along with a workshop on paper bag making on 06/02/2018
2. A half day seminar on "Employability skills for Disruptive era" by Prof. Rajith Karunakaran Nair, Director, Rajadhani Business School was conducted on 19/02/2018. Problems in securing jobs in this digital era were discussed.
3. The Women Cell, Govt. College for Women organised a community intervention programme on 23/02/2018. The invited participants were the residents of nearby colony, Chengalchoola and a talk was organised on "Menstrual awareness" by Ms.Kavya R Menon, Programme Head, Arthava Yagnam, 2017. Various areas like menstrual hygiene, problems in using readymade napkins and use of organic napkins and menstrual cups were discussed. A short film "Parvathy" on contemporary issues related to women was also screened on the day
4. A half day seminar on "Gynaecological problems in Women" was conducted on 29-01-2019
5. The documentary film '**Period. End of sentence**' directed by Rayaka Zentabchi about Indian women leading a quiet gender revolution was screened on 21/3/2019. The documentary follows a group of local women Hapur, India, as they learn how to operate a machine that makes low-cost, biodegradable sanitary pads, which they sell to other women at affordable prices. This not only helps to improve feminine hygiene by providing access to basic products, but also supports and empowers the women to shed the taboos in India surrounding menstruation
6. An awareness Programme on "Mental Health Care" by Dr.Shobha.C Nair, Clinical Psychologist was conducted on 6/8/2019
7. An awareness programme on " life style" by famous writer Smt.Omana Satheesh

was conducted on 28/2/2020

1. A seminar on ' gender equality was conducted in connection with International Women's Day in association with Aakashvani, Trivandrum on 4/03/2020

Facilities for women in the campus

1. Safety and security

The presence of security staff is ensured 24 hours so as to restrict entry of inappropriate people and round-the-clock surveillance across the campus through installation of CCTVs. College ID card is made mandatory for staff and students

(b) Counselling:

The psychology department of the College offers counselling services to facilitate Academic, Emotional, Social and cognitive development of the students hence to empower them in their learning and personal development. A counselor under Jeevani program is in the campus during full working hours.

(c) Common Rooms

Ladies rest room gives space for the girl students to hold meetings, study, or simply relax.

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

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

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

Response: A. 4 or All of the above

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

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

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

Response:

The Govt. College for Women follows a three prong strategy for waste management - reduction of waste generation, improving facilities for in and off campus processing of waste, promoting a clean campus through behavioural change programmes.

Reduction of waste generation is mainly achieved through adoption of green protocol. Steel cups and containers, cloth banners, bags etc which are alternatives to plastic materials are promoted while conducting functions. The NSS unit of the college lends steel containers for use in various functions

The quantity of organic waste generated in the college being less, the college relies mainly on off campus processing of the same. Plastic wastes in the campus are collected by Trivandrum Corporation on a monthly basis. The biodegradable waste generated in all blocks including that of the canteen is being packed and transported to the waste processing centre of Trivandrum Corporation on a daily basis. 14 incinerators are installed various spots in the college for the disposal of sanitary pads.

The college conducts various programmes to induce clean habits among students and staff. The college community is asked to segregate waste. Coloured bins are kept to separately deposit biodegradable and non- biodegradable waste. The NSS unit of the College devotedly conducts “Clean Campus Green Campus” initiative. Routine cleaning initiatives called SRAMADAAN, training in paper basket making, awareness programmes to stop littering etc are organised by the NSS unit. An ever rolling ‘MULLAMUTTOM ‘ trophy endowed by former Principal Dr. Ushakumary is awarded to a department every year that adopts best cleanliness practices. A former faculty of our college Dr. P.N Prasad was felicitated by Trivandrum Corporation for his zealous efforts to create a plastic free campus.

Chemical Waste Handling and Disposal

We are taking keen care to plan our experiments to minimize the wastage of chemicals. Even then, we have some chemical wastes generated during common teaching and research. For more than 5 years we introduced the micro analytical method in undergraduate courses. In the postgraduate courses we are reusing the chemicals whenever possible.

Chemical wastes are generally not treated in the college campus, but the majority are reused or recycled. Of the organic wastes produced, the majority of them are reused in the lab and the rest is kept in special waste bins. In the case of inorganic chemicals, the acid and base wastes will be neutralized and discarded into the waste water.

Waste organic solvents are separated into chlorinated and non-chlorinated solvent waste and separately stored. The chemical wastes containers are generally tightly closed at all times and open only during addition of waste into the container.

For disposing of halogenated solvents, services of a specialist contractor are arranged.

E-wastes

E-wastes are waste electrical and electronic equipment, in whole or part which are discarded. These items were collected and stored separately. These items will be then make eligible for write off and then conduct bid and sell to special contractors through PWD (Clean Kerala Mission).

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

7.1.4 Water conservation facilities available in the Institution:

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

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

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

Response: Any 4 or All of the above

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

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

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

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

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

Response: A. Any 4 or all of the above

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

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

Response:

Celebrating differences is the cornerstone of organizational success. Our college takes pride in providing an inclusive academic environment for our students and faculty. A diverse range of activities were executed by different departments and clubs to foster and nurture the spirit of inclusiveness. The National Seminar and Food festival on Culinary Arts of Kerala, organized by the Dept of History, traced the delectable link between cuisines and cultures. The presence of Sri. Pazhayidam Mohanan Namboothiri, the doyen of Kerala Sadhya, infused the event with regional flavours. The Tamil speaking students and teachers of our college ensure that we partake of festivals like Pongal in our campus. We ensure that our students take part in competitions organized by different linguistic groups such as the Saiva Prakasha Sabha. On the academic front, an applied theory workshop in Tamil was organized for our students to familiarize them with theoretical concepts in the vernacular. The Ezhuthani Tree situated in the campus is a visual metaphor for the sense of community that the students have build among themselves. Abla supported by Kanal, an NGO working for women empowerment, our students diligently collected books and distributed it to children in tribal settlements. Our students regularly organize street plays highlighting the socio-economic issues that young adults have to deal with. "Kootu", the scribe bank functioning within the college, has been truly an eye-opener for our students. The scribes, sourced from within the student community, have come a long way in empathizing with their visually-impaired college mates. Queerhythm, a registered community-based organization for the LGBTIQ, in associated with the Psychology department conducted a series of talks and interactions among students, aimed at instilling a sense of

acknowledgement and acceptance of the LGBTIQ community. The USP of our institution is our location. Conveniently situated in the heart of the capital city, our college has hosted many government programmes and award functions. The college auditorium acts as the nerve center of our institution. We also support organisations like Amrithavarshini, an NGO for people with brittle bone disease, in conducting exhibitions and sales in our auditorium. We are also the preferred institution when it comes to the conduct of Central and State government examinations given our suitable location. However, our moment of glory was when our college auditorium transformed as a Flood Relief Collection centre during the Kerala floods. Our students and staff were part of the massive volunteer support system which was the bedrock of relief operations in the capital.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

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

Response:

Samvidhan Divas or the Constitution Day celebrated on the 26th of November every year, a red-letter day in the academic calendar of our college, is organized with a number of events, pledges and talks on the importance of upholding constitutional values. Our students, teachers and non-teaching staff are sensitized to their rights, duties and responsibilities as upright citizens of not just our country, but also of the world. Being an academic institution for girls, the college makes sustained efforts to create a deep sense of awareness regarding constitutional rights and responsibilities. The Human Rights Club and the Debate club coordinate the various activities associated with the protection of constitutional obligations in the college. They are wholeheartedly supported in this endeavour by the NCC and NSS units of our college. Talks on constitutional rights by eminent lawyers are organised by the Human Rights Club. Adv. Dr. P.C John delivered a talk on “Human Rights and Democracy: Whither To?”, stressing on the need to negotiate the inherent ties between human rights and democracy in our country. The students were alerted to the distinction between rights and duties in their understanding of the constitution, about the values embedded in the constitution and also about the fact that the constitution was not just about Rights; it was also about our responsibilities as citizens. The Debate club has moderated many discussions on the different Articles of the constitution fostering an innate awareness of the fabric of the constitution. The students have benefitted immensely from such deliberations as they imbibe the constitutional tenets with meticulous alacrity. The class tutors regularly interact with their respective classes to inspire academic and social ethical conduct. The students are encouraged to express their views on social values and their role in community building. Our students have visited the Kerala Legislative Assembly, on multiple occasions, to critically understand the functioning of the legislature first-hand. The Walk With a Scholar programme, as part of experiential learning, organized a visit to the Legislative Assembly and also provided an opportunity for our students to interact with its officials and staff. The students actively participated and won prizes in the Mock parliament conducted by the Kerala Legislative Assembly. Our students and staff were part of the National Student’s Parliament hosted by the Kerala Legislative Assembly. It was a golden opportunity for our students to witness first-hand and participate in the parliamentary proceedings. Our

teachers have also assisted as court session translators in the camp sitting of National Human Rights Commission. The History department of our college in association with the Kerala Saksharatha Mission had organized a five-day seminar on upholding the values of the constitution. Many eminent speakers, including ministers participated in the seminar and spoke on the “The Republic that is India”. The seminar provided a rare opportunity to the students to listen to the plurality of perspectives that the constitution had to offer. It was a platform for an interaction and interrogation on the values, rights, duties and responsibilities of citizens.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

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

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

Response: C. 2 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document

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

Response:

The College observes all National upholding patriotic values and with due reverence. Listing of different events observed by different clubs/departments in the college,

Days/Events/Festivals celebrated	Club/Department in Charge
Independence Day	Official flag hoisting ceremony, College NSS and NCC units duly take part in the celebrations.
Republic Day	

Martyr's Day and Gandhi Jayanti	NSS Unit
Onam, the harvest festival of Kerala	The whole campus, with cultural events organized by the college union.
Christmas	Cake cutting and Gift exchange programmes convened by the Staff Club and College union.
Deepawali	College Union
Holi	
New Year	College Union, The Internal Committee for the Welfare of Differently Abled Students (PRAPTHA)
International Women's Day	Women Cell, Health Education Club and Department of Home Science
Teacher's day	College Union, PRAPTHA, Departments of Commerce, Economics and Home Science.
Reading day	Department of Economics and Philosophy, PRAPTHA
Reading Week	
World Environment Day	College NSS Unit
International Yoga Day	College NSS Unit
World Cancer Day	College NSS Unit
International Volunteer Day for Economic and Social Development	College NSS Unit
World Toilet day in 2019-20	College NCC Unit
World Population Day	College NCC Unit
World Human Rights Day	Human Rights Forum of the College
International Women's Day	Women Cell of the College
Breast Feeding Week in 2018-19	
International Forest Day	Nature Club of the College
World Water Day	
World Wetland Day	
National Pollution Day	
Wild Life Week	
World Aids Day in 2016	Health Club of the College
World Cancer Day in 2019	
World Diabetic Day in 2018	Department of Biochemistry and Microbiology in collaboration with Rajiv Gandhi Centre for Biotechnology
World Heart Day in 2019	
World Environment Day	Department of Botany
World Ozone Day	Department of Chemistry
The National Science Day	Department of Physics
International Day of Women and Girls in	Department of Physics

Science in 2019	
Malaria Day in 2019-20	Department of Zoology
Death Anniversary of Dr. A P J Abdul Kalam, the Missile Man of India	Department of Economics
Statistics Day	Department of Statistics by joining with National Sample Survey Organization and the Department of Statistics, University of Kerala.
International Literacy day	Department of Home Science
International Day of Older Persons	
World Food day	
World Diabetes Day	
World Heart Day	
World Aids day	
Breast Feeding Week	
National Nutrition Week	
Malala Day in 2018-19	
125th birth anniversary of Regent Maharani Sethu Lakshmi Bai	Department of History in collaboration with Kerala History Congress during 2019-20
International Yoga Day	Department of Philosophy in collaboration with the Indian Council of Philosophical Research (ICPR)
World Philosophy Day	
Mental Health Day and Suicide Prevention Day	Department of Psychology
World Music Day	Department of Music
Navarathri festival	
Tyagaraja Aradhana	
Kerala Piravi	Department of Malayalam
World Drama Day	
Birthdays of renowned international literary figures	
Viswa Hindi Diwas	Department of Hindi
Premchand Jayanti	
Hindi Day.	
Sanskrit Day	Department of Sanskrit

File Description	Document
Link for Geotagged photographs of some of the events	View Document
Link for any other relevant information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

PRAPTHA

Government College for Women has an Internal Committee for Welfare of Differently Abled Students (Equal Opportunity Cell), constituted as per the directions of the University Grants Commission. It was officially launched on 25 October 2019 with a vision towards establishing a barrier free campus which would nurture the potential inherent in each differently abled student and thereby assist her to lead life with dignity and self-worth. Its mission is aimed at capacity building of the differently abled students through their inclusive development spanning different verticals like education, societal awareness, communicative skills, barrier free environment and skill enhancement.

The Context

In compliance with the Honourable Supreme Court orders in Writ petition No. 292 of 2008 it was intimidated by the UGC (via official order) that the following steps be taken to ensure adoption and implementation of harmonised guidelines and space standards for a barrier free environment for persons with disability and elderly people. Also colleges under the purview of the UGC were to form an Internal Committee comprising of teachers, the students, their parents and staff as well to make the day to day lives of the students more accommodating and less taxing for the students. Also this Internal Committee was to be responsible for the implementation of the schemes and for the future developmental processes. A consistent dialogue between the college cell and the Higher Education authorities and Universities were encouraged as well. Thereby as per the order of the UGC and the Director, College Development Council of Kerala University, an internal committee of thirteen members under the Convenorship of Dr Umajyothi.V (Associate Professor and Head of Economics Department) was formed on 25th October 2019.

The Objectives

- 1.To ensure an inclusive and barrier free learning environment for the differently abled students.
- 2.To be their voice and engage with government bodies in a productive dialogue so that the needs of these students are heard, acknowledged and acted upon.
- 3.To inculcate a deeper understanding amongst students and faculty about the differently abled community so as to encourage them to not treat these students in an alienated way. Many a time lack of knowledge and awareness is what creates societal barriers.
- 4.To conduct seminars with a view to educate both the parents and the faculty about the need for a

balanced understanding and timely intervention while interacting with the students to cater to their needs.

5. To conduct webinars and one to one sessions for the students that will enable and equip them not just in academics but also socially and emotionally.
6. To understand their difficulties and aim to resolve them effectively so that their day to day life in the campus passes by smoothly.
7. To develop the communicative and inter-personal skills of these students so that in future they are able to handle themselves efficiently amongst peer groups and in a work environment.
8. To make sure they understand the professional opportunities open for them and to educate them about their personal rights in the society they live in.
9. To provide them with creative platforms where they can explore their many talents and enrich them as well.

The Practice

In tune with the basic norm of inclusive education, the aim is to assist the *divyangjan* to be included for their meaningful development, and to ensure their use of opportunities which would make themselves included. The prime action plan of Praptha are as follows:

1. Identification of needs, by listening to their voices .Each student is unique and is to be assisted, without perceiving them as bearers of disabilities, but as a bunch of abilities waiting to be utilised to their full potential.
2. Accessibility audit and incorporation of findings in the construction plan and work of the college.
3. Assistive technology, on the basis of category of disability so as to improve the quality of learning.
4. Permanent audio recording studio and installation of the needed software in at least one computer of all departments.
5. Creation of a voice bank and audio library.
6. Accessible signage open to students, signage in Braille and in easy to read and understandable forms.
7. Sign language interpretation and assistive aids.
8. Provision of powered and user friendly wheel chairs.
9. Catering to their psychological well-being through routine mind wellness initiatives.
10. Designing vocational courses so as to enhance and solidify their sense of independence.
11. Orientation programmes for students and their parents, to create awareness on higher education, career building, competitive exams, protective legislations, welfare schemes, health, medical facilities, Government Orders, and all rights.
12. Strengthening inter personal relations of the students in the social spectrum and to raise social awareness amongst their peer groups.
13. Collaborative capacity enhancement programmes-with Government bodies, NGOs, media and supportive individuals and organisations
14. From caterpillars to butterflies: developing these students as resource persons and motivators who would spread awareness among the public, and enable other differently abled persons to realise their worth in the society.

Evidence of Success

1. Bathrooms that weren't disable friendly were identified and some of them were revamped keeping in mind the requirements of the differently abled students.
2. We were able to create an active community by establishing an interactive WhatsApp group which later paved the way for many a fruitful discussion. 'Praptha Muttam' evolved as an innovative concept which later transformed into an informal meeting space for like-minded individuals and positive knowledge sharing. We periodically conduct sessions wherein we reach out to other differently abled communities as well, inviting speakers to address our students. We also host webinars on a regular basis on topics ranging from personal development and mental health, to societal awareness and inclusive education and these webinars are open to all including differently abled members/students of other institutions and organisations.
3. 'Praptha Vani' provides a platform for our students to present topics of a chosen theme via audio notes through our official WhatsApp group. Giving them the freedom to use their chosen way of expression to learn, understand and present a topic encouraged the students, regardless of their limitations to come forth and share their thoughts on the same.
4. Orientation and Motivational programmes has been held with a view to educate the parents, to coax these students out of their shells and to enable the existing faculty to understanding the nuances of interacting better with such students. Eminent personalities from the differently abled community and otherwise were invited as resource persons to share their life's journey.
5. We effectively encouraged participation of the students in extra-curricular activities by identifying the calibre of the students and by organising events like book appreciation events, public speaking events, and cultural programmes at the state and national levels. This brought differently abled individuals from different walks of life together. The students gained deeper insight into the lives of those who have overcome the many challenges they suffer on a daily basis to emerge successful and with a well-defined purpose in life.
6. Psychological well-being of the students and their parents are taken into consideration and we work in tandem with the Department of Psychology to provide counselling sessions as and when required.
7. Programmes organised as part of the general festivities of a year are organised by the students themselves and they are encouraged to take the lead and host and conduct the programme.
8. We have enabled a community of 'Changathees' (Friends' circle) of volunteers from amongst the different departments who help these differently abled students from time to time and help in organising these events with our Praptha members..

Problems Encountered and Resources Required

Out of the majority of students in the college we have around 51 differently abled students with varying degrees of disabilities. Praptha aims at increasing social awareness along with catering to the immediate requirements of the students. It is important therefore to ensure that the solutions put forth by the cell need to be in alignment with Government authorities including the Public Works Department and the Social Security Mission, Kerala. Thereby the resources needed to carry out the objectives is of utmost importance which will facilitate the growth of any innovative methods adopted to ensure equal opportunity for this student group.

State Instrumentation Laboratory (SIL)

Objectives

Sophisticated analytical instruments are important for doing advanced research in basic sciences today. Such instruments are expensive and are not affordable to all research centres, especially to arts and science colleges like our college, individually. Moreover, these instruments are of inter/multidisciplinary utility and thus it is desirable to use them on sharing basis for their effective utilization. We have taken novel efforts in making these facilities available open to many people in the academics ensuring the effective utilization of public exchequer. The Department of Science and Technology sanctioned FIST (Fund for the Improvement of Science and Technology) fund of Rs. 45,00,000 (Rupees Forty Five Lakhs) to the Department of Chemistry of this institution during 2008-2012 and another DST-FIST support of Rs. 75,75,000/- (Rupees Seventy Five Lakh Seventy Five Thousand) has been received by the science departments of the college during 2015-16. Financial aids of of Rs. 2,10,63,000/- (Rupees Two Crore Ten Lakh and Sixty Three Thousand) and Rs. 3,00,00,000/- (Rupees Three Crore) have been sanctioned by the Department of Higher Education, Govt. of Kerala in the financial years 2018-19 and 2019-20 respectively, for setting up a centralized Common Instrumentation Facility. By utilizing all these funds, our college has set up an instrumentation lab with a wide range of major and minor equipment. Sophisticated analytical instruments are provided to researchers in general, especially from the institutions which do not have access to such instruments. This enables them to pursue R & D activities requiring such facilities and to keep pace with developments taking place in the field. The facilities thus provided are utilized by about 500 users every year from various academic and research institutions and industries in and outside the state. Thus the aim of the practice is summarized as,

- 1.To provide measurements through the scientific instruments to the scientific community of our college and other institutes and industries.
- 2.To use the nominal fee collected for providing the facility for the maintenance of all scientific instruments in the college.
- 3.To utilize these instruments to enhance collaborative research.
- 4.To enhance the quality of undergraduate and post graduate research projects.

The Context

Several research institutes like NIIST, VSSC, IISER, CESS etc. are offering many sophisticated analytical instrument facilities here in Thiruvananthapuram. When we started making this facility of instrumentation open to nearby institutes, we were not sure about the extent of utilization and participation. But we have been receiving a large number of requests for performing the analysis, from colleges and universities not only from Kerala but also from neighbouring states. Also we were not in a position to appoint a technician due to financial and administrative constraints. The handling of the high precision equipment and their maintenance require a lot of care and patience. Our teachers have been assigned duty to operate the instruments. We have been managing the situation effectively and the process has been going on in a systematic manner and as a result, a lot of people benefit out of this in the completion of their research works.

The Practice

The functioning of the facility is twofold. First, we provide the facility to the research scholars and students of all science departments of this institution to perform their own analysis under supervision, which is free of cost. Secondly, we provide these services to entities outside the institution as per request, on a commercial basis, by accepting a nominal payment. The service is used on a large scale by the neighbouring colleges, universities, research centres and industries and also by people from other parts in and outside the state.

Following are the instruments we have been keeping operational for the last several years.

- i. UV-Vis Spectrophotometer
- ii. IR Spectrophotometer
- iii. Fluorescence Spectrophotometer
- iv. High performance liquid chromatography
- v. Automated Preparative Flash Chromatography System
- vi. NMR Spectrometer

The charges are much less and affordable than other instrumentation centres in the country. The income collected from this practice is deposited in the PTA account of the institution and is utilized exclusively for the maintenance and for meeting the running cost of major instruments in the college.

Evidence of success

We maintain all the analytical instruments in the instrumentation lab using this fund. The maintenance of all major equipment and purchase of analytical grade chemicals are met using the profit of the practice. We have analysed about **two thousand** samples and collected a sum of **Rs 1, 50,000/- (Rupees One Lakh Fifty thousand)** from the analysis of external samples so far. 22 research papers have been published under collaborative research by utilizing the facilities.

List of main institutions that are benefited from the Instrumentation Laboratory

1. Department of Physics, Sree Ayyappa College, Nagercoil
2. Department of Chemistry, Scott Christian College, Nagercoil
3. Department of Nano science, NIT Calicut
4. Department of Botany, Govt. College, Pattambi
5. Department of Chemistry, SN College, Punalur
6. Department of Chemistry, SN College, Kannur
7. Department of Chemistry, MG College, Thiruvananthapuram
8. Department of Chemistry, University of Kerala, Thiruvananthapuram
9. Department of Botany, University of Kerala, Thiruvananthapuram
10. Department of Physics, University of Kerala, Thiruvananthapuram
11. Department of Chemistry, Mar Ivanios College, Thiruvananthapuram
12. Department of Physics, Mar Ivanios College, Thiruvananthapuram
13. Department of Botany, University College, Thiruvananthapuram
14. Department of Chemistry, University College, Thiruvananthapuram
15. Department of Physics, University College, Thiruvananthapuram
16. Department of Chemistry, Govt. Arts College, Thiruvananthapuram
17. Department of Chemistry, SG College, Kottarakkara
18. Department of Chemistry, FMN College, Kollam

19. Department of Chemistry, SN College, Kollam
20. Department of Physics, All Saints College, Thiruvananthapuram
21. Department of Chemistry, Christian College, Chengannur
22. Department of Pharmacy, Dale View College of Pharmacy, Thiruvananthapuram
23. Government Engineering College, Barton Hill, Trivandrum
24. Mar Dioscorus College of Pharmacy, Thiruvananthapuram
25. Department of Botany, MG College, Thiruvananthapuram
26. Department of Chemistry, Cochin College, Ernakulam
27. Department of Physics, Bishop Moore College, Mavelikara
28. JNTBGRI, Palode, Thiruvananthapuram
29. Ezhuthachan College of Pharmaceutical Sciences, Marayamuttom, Thiruvananthapuram
30. RGCB, Thiruvananthapuram

It is to be noted that the teachers in charge of the instruments do not avail any remuneration for the extra time they spent for the analysis.

Problems encountered and resources required: Occasional power failure is a problem for the smooth functioning of the instrumentation laboratory. A high capacity generator is to be installed for the instrumentation room. More analytical instruments like NMR spectrometer, Mass Spectrometer, X-ray diffractometer etc. may be available in near future itself for extending this facility to the next level. Another problem encountered is the availability of staff to perform the analysis. The number of samples received for analysis has ever been increasing, but technical staff could not be appointed for the analysis and maintenance. Teachers have to find more time to operate the instruments along with their teaching, clerical and research activities.

File Description	Document
Link for Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

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

Response:

To educate your women first and leave them to themselves, they will tell you what reforms are necessary' - Swami Vivekananda

The under-representation of women in higher education management is well documented and serves to demonstrate that the pool of managerial talent within each country is not optimally utilized. Beginning with Bethune College, Kolkata during late 1870s, women-only colleges were established as a part of an all-India movement fulfilling the right to education for women during the 19th century. It is important that

goal of all-women educational institutions is not physical and social separation of men and women, rather, it aims at fostering a community in which women have greater access to engage in a variety of avenues. Many parents would not have sent daughters to colleges had there been no women only colleges like us. After all, it is about enhancing reach of education and women empowerment. Women's college take off from where many co-educational institutions fail. In a country where lakhs of women are still struggling to get educated, women only colleges remain an important intervention. Being a women's college, it gives women a chance to lead. It allows them to shape their own discourse and allows them to take upon all kinds of activities. Women learn to do tasks that stereotypical notions do not let them. From moving around the furniture to film making, from discussing politics and sports to playing football, our college gives women a space to grow.

Our college is the first women's college in the State of Kerala. The College was started with the objective of educating, uplifting and mainstreaming women from all sections of the society. The College continues to pursue this goal after 125 years and keeps its distinctiveness. . The College nurtures a culture of debate, discussion and dissent so that the women who pass out of the Institution are bold enough to face the world under tough conditions. The following are some of the cases which are adequate enough to deliver on the promises it made and thus distinct.

One, the College caters to higher education requirements for thousands of women every year majority of whom hail from socially and economically disadvantaged households. Had not the College existed, their dream would have remained unfulfilled.

Two, even while ensuring access to education with affirmative action in the form of reservation and protection, quality of education is not compromised as the college has the second highest marks (under Kerala University area) to obtain a seat for UG & PG courses.

Three, the College seriously believes that education to be complete requires development of perspectives by the students and political education is an important dimension. The College conducts one of the largest campus-level democratic exercises, electoral processes in a peaceful manner.

Four, the elected representatives from the students participate all levels of decision making in the College helping the authorities to listen to the voices of the students.

Five, despite the limitation of not being able to participate in all events in University and State level Arts Festivals, we have secured Runner-up position among the 140 plus affiliated colleges in University of Kerala.

Six, a large number of the women students enrol for higher education and attain many luminous roles as international administrators, researchers in globally recognised institutions, academic heads like Vice Chancellors, members of Indian Civil Services, teachers and other professionals.

Seven, the College caters to the educational requirements of girls rescued by different government rehabilitation agencies like Nirbhaya.

Eight, given the focus of life-long learning, the Continuing Education Sub Centre of the college imparts training to hundreds of women in vocational skills. It offers nearly 340 courses with the guidance of the Centre for Continuing Education, a Government of Kerala Initiative. It is one of the largest continuing and adult education centres in Kerala.

Nine, our women students organise blood donation campaigns every year at least twice showcasing and dispelling the myth that women cannot donate blood regularly as their male counterparts.

Ten, our students also adopt villages under extension programmes and act as strong motivators for many rural areas.

Eleven, we have constituted an organization named 'Praptha' with objectives on capacity building of the differently abled students through their inclusive development spanning different verticals like education, societal awareness, communicative skills, barrier free environment and skill enhancement.

Twelve, we could provide training on Yoga and Martial arts in the campus to strengthen physical and mental capabilities of our girls to face challenges and obstacles they may come across outside the campus and throughout their lives.

Thirteen, to provide our students a safe footpath to college, authorities opened a women corridor just attached to college gate, decorated with motivational messages and life portrayals of great women warriors of different sectors.

Fourteen, we have fulfilled all our responsibility as socially committed individuals by providing timely support in terms of money and materials to thousands of affected people during the natural calamities like Okhi cyclone and Kerala flood in 2018.

Fifteen, the college has been the Alma matter of many great personalities and celebrities like K S Chithra, the renowned play back singer who got prestigious Padmabhushan award recently.

"Why don't we root the positive in each and everyone's life instead of searching the negatives in them"? Why don't we love and accept others with their strengths and weakness? Why don't we break the barriers and traditions that are followed blindly, which doesn't help the community in which we are living? Why don't we smile and acknowledge others at least for a second, which can cause a tremendous change in others' lives?". These are the words of a distinguished alumni of our college, Tiffany Brar, noted community service worker, social activist and trainer, working to create awareness of disability and to build an inclusive society.

To sum up, we would like to state that Tiffany Brar does represent and carry forward the vision of Govt. College for Women, Thiruvananthapuram.

File Description	Document
Link for appropriate web in the Institutional website	View Document
Link for any other relevant information	View Document

5. CONCLUSION

Additional Information :

We uphold the motto 'for the home and the country', which underlines our sense of quality and standard as a public institution of exceptional academic records and social commitment. Trust of many women who came out in flying colours from the institution makes us always feel proud. We bring up young women from different strata of society nullifying the socio - economic gaps still persisting in the society. We also serve our society and support our fellow beings in many ways. At the time of natural calamities, our teachers and students have come forward with money and manpower to offer every possible support to the people who were affected. Our college could host the relief collection centre of the district administration and Thiruvananthapuram corporation and functioned as the control room for relief activities. In many such occasions, our academic community has risen up to exceptional levels of commitment and social responsibility. Our NCC and NSS units have been doing outstanding efforts in undertaking many socially supportive activities for the past several years. Many laurels of recognition have been received by these bodies. Continuing Education Sub Centre functioning in the campus is another unique body which has been running successfully for many decades empowering women of all age groups with skill development and employability. Kids to old age people are trained in various skills by the vast number of courses offered by this centre. Thousands of women could find jobs or be self employed through the training offered here. Adoption of poor villages in the rural areas of Thiruvananthapuram district by providing overall support in improving the lives of people is another remarkable effort by our teachers and students through the Unnath Bharath Abhiyan Programme. 'Praptha', the unique organization offering great support and care to differently abled students with a number of programmes and empowering activities, is a pride of our institution.. We offer great psychological and emotional support to our students to face the hurdles in their lives. We always value the dignity and strength of womanhood, particularly because we are a women's college.

Concluding Remarks :

As a premier institution works for higher education and empowerment of women, Govt. College for Women, has been functioning as an educational hub serving the society over a period of 100 years. We feel proud in providing quality education to many young women in their successful career and growth towards responsible citizens and forerunners in society. We have been amply supported by the state government and various national and state funding agencies in achieving the growth in academics and in infrastructure development. Our teachers and students have always worked hard together in achieving an excellent academic status among the arts and science colleges in the state. Though we have some limitations as a government college functioning under the department of collegiate education and as an arts science college affiliated to the university of Kerala, we have been doing our level best in supporting students by providing them with standard education and facilities. Research has been strengthened to a great extent, though we focus more on undergraduate and postgraduate level teaching-learning activities. Our lab and library facilities are of high standard capable of offering all support to students in pursuing their studies. Though a good number of the teachers are substituted by the process of general transfer, we are efficiently managing the situation without affecting the quality and pace of the academic activities. Extracurricular activities also are greatly promoted and supported in the campus. Our students have put our college on top in many arts and sports fests with their outstanding performances in various arts and sports events. Though we have a tight academic schedule of the semester system, we could manage various social service and extension activities with the active participation of teachers and students. Our college has been functioning as one of the top arts and science colleges in the

state of Kerala as evident from the NIRF ranking of year 2020; we are positioned number 2 in the category of arts and sciences colleges. We strive for further merit in excelling many areas of academic growth and development as a 'centre of excellence' in the years to come.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.2	<p>Number of Add on /Certificate programs offered during the last five years</p> <p>1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>15</td> <td>9</td> <td>8</td> <td>6</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>14</td> <td>9</td> <td>8</td> <td>6</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	10	15	9	8	6	2019-20	2018-19	2017-18	2016-17	2015-16	10	14	9	8	6
2019-20	2018-19	2017-18	2016-17	2015-16																	
10	15	9	8	6																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
10	14	9	8	6																	
1.2.3	<p>Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years</p> <p>1.2.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>511</td> <td>625</td> <td>459</td> <td>353</td> <td>314</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>511</td> <td>605</td> <td>459</td> <td>312</td> <td>314</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	511	625	459	353	314	2019-20	2018-19	2017-18	2016-17	2015-16	511	605	459	312	314
2019-20	2018-19	2017-18	2016-17	2015-16																	
511	625	459	353	314																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
511	605	459	312	314																	
1.3.2	<p>Average percentage of courses that include experiential learning through project work/field work/internship during last five years</p> <p>1.3.2.1. Number of courses that include experiential learning through project work/field work/internship year-wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>35</td> <td>35</td> <td>35</td> <td>35</td> <td>35</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>35</td> <td>35</td> <td>35</td> <td>35</td> <td>35</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	35	35	35	35	35	2019-20	2018-19	2017-18	2016-17	2015-16	35	35	35	35	35
2019-20	2018-19	2017-18	2016-17	2015-16																	
35	35	35	35	35																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
35	35	35	35	35																	

1.4.1 ***Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders***

1) Students

2) Teachers

3) Employers

4) Alumni

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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

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

Answer before DVV Verification:

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1122	1090	1009	939	940

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1163	1121	1029	962	950

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
600	594	547	516	508

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
452	449	428	383	390

2.3.3	<p>Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)</p> <p>2.3.3.1. Number of mentors Answer before DVV Verification : 175 Answer after DVV Verification: 175</p>																														
3.1.1	<p>Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)</p> <p>3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 669 1046 801"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>17.698</td> <td>18.47</td> <td>24.112</td> <td>32.266</td> <td>41.39243</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 882 1046 1014"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>15.938</td> <td>17.75</td> <td>24.112</td> <td>28.466</td> <td>25.39243</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	17.698	18.47	24.112	32.266	41.39243	2019-20	2018-19	2017-18	2016-17	2015-16	15.938	17.75	24.112	28.466	25.39243										
2019-20	2018-19	2017-18	2016-17	2015-16																											
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2019-20	2018-19	2017-18	2016-17	2015-16																											
15.938	17.75	24.112	28.466	25.39243																											
3.1.3	<p>Percentage of departments having Research projects funded by government and non government agencies during the last five years</p> <p>3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 1375 1046 1507"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>5</td> <td>6</td> <td>9</td> <td>7</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1588 1046 1720"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>2</td> <td>3</td> <td>4</td> <td>6</td> </tr> </tbody> </table> <p>3.1.3.2. Number of departments offering academic programmes</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 1800 1046 1868"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	5	5	6	9	7	2019-20	2018-19	2017-18	2016-17	2015-16	3	2	3	4	6	2019-20	2018-19	2017-18	2016-17	2015-16					
2019-20	2018-19	2017-18	2016-17	2015-16																											
5	5	6	9	7																											
2019-20	2018-19	2017-18	2016-17	2015-16																											
3	2	3	4	6																											
2019-20	2018-19	2017-18	2016-17	2015-16																											
3.3.2	<p>Number of research papers per teachers in the Journals notified on UGC website during the last five years</p> <p>3.3.2.1. Number of research papers in the Journals notified on UGC website during the last</p>																														

five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
67	70	57	41	33

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
30	37	21	15	17

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
5	6	0	0	2

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
5	6	0	0	2

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
36	38	14	14	6

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
12	21	05	10	01

3.4.4	<p>Average percentage of students participating in extension activities at 3.4.3. above during last five years</p> <p>3.4.4.1. Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 430 1046 564"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>3464</td> <td>2543</td> <td>3366</td> <td>1345</td> <td>186</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 645 1046 779"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>264</td> <td>243</td> <td>266</td> <td>245</td> <td>186</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	3464	2543	3366	1345	186	2019-20	2018-19	2017-18	2016-17	2015-16	264	243	266	245	186
2019-20	2018-19	2017-18	2016-17	2015-16																	
3464	2543	3366	1345	186																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
264	243	266	245	186																	
3.5.1	<p>Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year</p> <p>3.5.1.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1057 1046 1191"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>96</td> <td>21</td> <td>7</td> <td>18</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1272 1046 1406"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>28</td> <td>09</td> <td>09</td> <td>08</td> </tr> </tbody> </table> <p>Remark : The HEI has claimed multiple count of the number of a large number of linkages that are multi functional. As per the SoP, a link with multi functions/ activities remains 01 link only. As per the HEI data attached with the Metric.</p>	2019-20	2018-19	2017-18	2016-17	2015-16	13	96	21	7	18	2019-20	2018-19	2017-18	2016-17	2015-16	18	28	09	09	08
2019-20	2018-19	2017-18	2016-17	2015-16																	
13	96	21	7	18																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
18	28	09	09	08																	
3.5.2	<p>Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years</p> <p>3.5.2.1. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1845 1046 1980"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5</td> <td>0</td> <td>1</td> <td>1</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p>	2019-20	2018-19	2017-18	2016-17	2015-16	1	5	0	1	1										
2019-20	2018-19	2017-18	2016-17	2015-16																	
1	5	0	1	1																	

2019-20	2018-19	2017-18	2016-17	2015-16
0	5	0	1	1

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

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 43

Answer after DVV Verification: 35

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
357.3083	540.4715	180.2038	613.8940	285.3684
	8	8	8	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
388.9560	315.6544	167.0954	173.8647	104.3192

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

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

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: A. Any 4 or more of the above

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
5.70700	9.74971	9.99327	13.58819	16.24719

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
8.5	7.3	9.6	14.9	1

Remark : As per the HEI statement in the response dialogue box and the data provided by the HEI during clarification.

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
602.33325	72.72321	73.44649	65.73573	61.91662

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
524.8642	150.7263	73.7290	16.5466	21.5760

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
130	126	121	353	319

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
130	126	121	153	159

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
66	44	38	24	31

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
16	9	10	9	10

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
93	63	60	39	47

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
22	20	20	19	15

Remark : The HEI has made multiple count of the activities on the same date and of same kind. Eg Folk songs, sports day activities, similar activities during youth festival. These are counted only once for a given date.

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

Answer before DVV Verification : A. ? 5 Lakhs

Answer After DVV Verification: D. 1 Lakhs - 3 Lakhs

Remark : The HEI has Alumni Association. OSA and PTA are not part of the Alumni Association. Transfer of funds between OSA and PTA cannot be considered as contribution to the HEI. The HEI has provided accts statement of PTA and not the HEI. The HEI has provided copies of receipts which do not bear the name of the organization issuing the receipts. Though the receipts are serially numbered in the absence of printed base these are not considered.

6.2.3 Implementation of e-governance in areas of operation

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

4. Examination

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1	7	2	0	2

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2	6	2	0	2

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
64	59	38	17	29

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
49	45	27	10	19

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

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2.7625	0	11.7435	5.6153	6.02034

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2.7625	0	11.6285	5.3513	4.6830

6.5.3	<p>Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements 2. Collaborative quality initiatives with other institution(s) 3. Participation in NIRF 4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) <p>Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: B. 3 of the above</p>
7.1.2	<p>The Institution has facilities for alternate sources of energy and energy conservation measures</p> <ol style="list-style-type: none"> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power efficient equipment <p>Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: A. 4 or All of the above</p>
7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.5	<p>Green campus initiatives include:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants <p>Answer before DVV Verification : Any 4 or All of the above</p>

	Answer After DVV Verification: Any 4 or All of the above
7.1.6	<p>Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions / awards 5. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Disabled-friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p> <ol style="list-style-type: none"> 1. The Code of Conduct is displayed on the website 2. There is a committee to monitor adherence to the Code of Conduct 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above</p>

2.Extended Profile Deviations

ID	Extended Questions																				
1.2	<p>Number of programs offered year-wise for last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>35</td> <td>35</td> <td>35</td> <td>35</td> <td>35</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	35	35	35	35	35	2019-20	2018-19	2017-18	2016-17	2015-16					
2019-20	2018-19	2017-18	2016-17	2015-16																	
35	35	35	35	35																	
2019-20	2018-19	2017-18	2016-17	2015-16																	

35	35	35	35	35
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2.2 **Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
600	594	547	516	508

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
561	545	505	470	470

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
952	899	860	844	788

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
959	907	872	848	794