



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

1. Name of the Institution	GOVT GANDHI MEMORIAL SCIENCE COLLEGE JAMMU
Name of the head of the Institution	Dr Satinder Singh
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01912578189
Mobile no.	9419104522
Registered Email	principal@ggmsciencecollege.in
Alternate Email	rkguptt@gmail.com
Address	Canal Road, Jewel Chowk
City/Town	Jammu
State/UT	Jammu And Kashmir
Pincode	180001

<b>2. Institutional Status</b>																									
Affiliated / Constituent			Constituent																						
Type of Institution			Co-education																						
Location			Urban																						
Financial Status			state																						
Name of the IQAC co-ordinator/Director			Dr Naveen Anand																						
Phone no/Alternate Phone no.			01912578189																						
Mobile no.			9419197960																						
Registered Email			principal@ggmsciencecollege.in																						
Alternate Email			rkguptt@gmail.com																						
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)			<a href="http://www.ggmsciencecollege.in/iqac.html">http://www.ggmsciencecollege.in/iqac.html</a>																						
<b>4. Whether Academic Calendar prepared during the year</b>			Yes																						
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="http://www.ggmsciencecollege.in/institutioncalendar.html">http://www.ggmsciencecollege.in/institutioncalendar.html</a>																						
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>81</td> <td>2004</td> <td>03-May-2004</td> <td>02-May-2009</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.21</td> <td>2014</td> <td>21-Feb-2014</td> <td>20-Feb-2019</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	81	2004	03-May-2004	02-May-2009	2	A	3.21	2014	21-Feb-2014	20-Feb-2019
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	B++	81	2004	03-May-2004	02-May-2009																				
2	A	3.21	2014	21-Feb-2014	20-Feb-2019																				
<b>6. Date of Establishment of IQAC</b>			05-Aug-2004																						
<b>7. Internal Quality Assurance System</b>																									
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries														
Quality initiatives by IQAC during the year for promoting quality culture																									
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																							

Annual submission of AISHE data	08-Feb-2019 1	3925
Academic Audit	09-Mar-2019 1	3500
Feedback from students	20-Jun-2019 1	215
IQAC initiatives in capacity building through Faculty Development Programs	09-Feb-2019 1	115
IQAC initiatives in Academic teaching	15-Nov-2018 1	115
IQAC took initiatives in the construction of new buildings and renovation/refurbishment of existing Infrastructure	12-Oct-2019 1	3550
Regular meetings with heads of the departments under the chairmanship of Principal	20-Jul-2018 1	9
<a href="#">View File</a>		

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
GGM Science College	Revenue Grants	J&K (UT) Govt.	2018 01	0
GGM Science College	CAPEX	JK(UT) Govt.	2018 01	2544093
GGM Science College	UGC	UGC	2018 01	2861000
GGM Science College	Govt. Grants	JK (UT) Govt.	2018 01	349100000
<a href="#">View File</a>				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional

Yes

website							
Upload the minutes of meeting and action taken report	<a href="#">View File</a>						
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No						
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>							
<ul style="list-style-type: none"> <li>• Review of the DPRs of various development works initiated in the previous year and current year.</li> <li>• Meetings with HODs and college development committee (CDC) and Purchase committee under the chairmanship of Principal regarding the allocation of budgets to several departments, librarians and different cells.</li> <li>• IQAC convened several meetings to improve the teaching and learning infrastructure within the college using ICT support.</li> <li>• Meetings with NCC ANOs, NSS POs, coordinators of counselling and placement including woman study centre for the participation of students in various activities within and outside the UT and submission of detailed reports on time for IQAC records.</li> <li>• Round the year Awareness Program on 'Green Campus', 'Save Paper', 'Save Water', 'Save Electricity' 'Cleanliness' and Meetings regarding action to be taken under Swachhta Abhiyan.</li> <li>• Ontime submission of AISHE Data.</li> </ul>							
<a href="#">View File</a>							
<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>							
<table border="1"> <thead> <tr> <th>Plan of Action</th> <th>Achivements/Outcomes</th> </tr> </thead> <tbody> <tr> <td>Organization of institutional quality assurance programs</td> <td>To setup quality benchmark in education, Faculty awareness about quality in education.</td> </tr> <tr> <td colspan="2"><a href="#">View File</a></td> </tr> </tbody> </table>	Plan of Action	Achivements/Outcomes	Organization of institutional quality assurance programs	To setup quality benchmark in education, Faculty awareness about quality in education.	<a href="#">View File</a>		
Plan of Action	Achivements/Outcomes						
Organization of institutional quality assurance programs	To setup quality benchmark in education, Faculty awareness about quality in education.						
<a href="#">View File</a>							
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes						
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>IQAC</td> <td>13-Jun-2019</td> </tr> </tbody> </table>	Name of Statutory Body	Meeting Date	IQAC	13-Jun-2019			
Name of Statutory Body	Meeting Date						
IQAC	13-Jun-2019						
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No						
<b>16. Whether institutional data submitted to AISHE:</b>	Yes						
Year of Submission	2019						

Date of Submission	08-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>GGM Science College, being one of the constituent college of the Cluster University of Jammu (CLUJ), uses a very efficient and effective MIS system developed by the CLUJ. The key features of the MIS system include online filling out of the application forms for the admission, online registration for the courses of each student of each semester, examination notices including exam datasheet, online payment of fee (admission and examination), online submission of records and declaration of results. The college faculty through the MIS supports the controller of examination of CLUJ for various services such as 1. Online application and registration fee via the web portal for admission and/or examination. 2. Online verification of the candidates who apply admissions, on merit, in various subject combinations for BSc courses in medical/nonmedical, honours and PG courses run by the college. 3. Registration of candidates for each semester for the courses chosen by the candidates and submission of fees online. 4. the total student data is kept in an MIS system generated their University roll numbers, which eventually help in creating the class roll numbers and college theory and practical's time table including issuing college identity cards. 5. The compilation of examination record and declaration of results is also online. 6. The students can view their semester results and subjectwise awards given, which help them to track the record of their backlogs in any semester and submit online request for reevaluation and examination reappear. All the above mentioned facilities and information are sought from the official website of CLUJ (<a href="https://clujammu.ac.in/">https://clujammu.ac.in/</a>) of which a link is also given in the college's own website (<a href="http://www.ggmsciencecollege.in/">http://www.ggmsciencecollege.in/</a>). The college own website provides the details of all departments, faculty profile, college infrastructure,</p>

	<p>notifications of academic and extracurricular activities, event reports, sport facilities and activities, online submission of tenders notices for infrastructural development, college library details with ebooks under Nlist, ejournal access, a dedicated system has for temporary teaching staff under Academic arrangement program to meet the deficiency of teaching staff for this college and other degree colleges of Jammu division. information about National Institution Ranking Framework (NIRF) etc. The teaching and nonteaching staff attendance is monitored by the Biometrics system installed in college. The college also holds GSuit subscriptions through which all faculty members have been provided with institutional emails, which will also be extended to college students. These systems help with data management, rule implementation, floating information, and the provision of data requested from time to time by different levels of the university/ Government. Besides this all the draws of grants and presentation of Bills to the Govt. treasury are done through an online system JKPaysys (<a href="http://www.JKpaysis.gov.in">www.JKpaysis.gov.in</a>) maintained by NIC of GoI. Additionally, all salary related information related to the teaching and nonteaching staff is maintained through online system through Jammu and Kashmir Centralized Personnel Information System (CPIS).</p>
--	---

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Govt. Gandhi Memorial (GGM) Science College Jammu strives to be an institute committed to the pursuit of academic excellence. The institution offers courses at the Under-graduate (UG) level in Science and Computer Applications and Post-graduation (PG) in English and Geology. The college is a constituent college to the Cluster University of Jammu (CLUJ) and delivers the curriculum prepared and approved by the CLUJ through the respective Board of Studies (BoS). The curriculum includes core Theory Courses (TC), Discipline-Specific Elective (DSE) courses, various Skill-Enhancement (SE) courses and Practical courses (PC). The senior faculty members of different teaching departments are the members of their respective BoS at CLUJ. The college also prepares an Academic Calendar in accordance with the academic calendar of CLUJ, which schedules the

beginning of classwork, internal assessment, end semester examinations and other institution-level activities. At the beginning of the academic session, the timetable committee of the college draws up a detailed timetable utilizing efficiently the units of time for academic and co-curricular activities of students throughout the academic session. The details of timetable include temporal allocation of classrooms for theory, skill enhancing classes and practical labs for every section/class in different semesters (even/odd) running in the current academic session. Additionally, each department also prepares a departmental timetable allocating theory, skill enhancing and practical classes to the individual faculty members of the department. The different teaching departments of the college strive for effective curriculum delivery through a combination of time-tested and innovative methods. The faculty utilizes blended learning approaches in teaching to make it more effective. The subject teachers regularly arrange study tours, field visits and other practical sessions for inculcating scientific temperament and encouraging experiential learning in students. Laboratory manuals and other course relevant textbooks are prepared by various faculty members from time-to-time to facilitate students in learning. The faculty members take utmost care for on-time completion of the syllabus. Student attendance is regularly monitored and continuous student assessment is done through discussions, classroom quizzes and surprise tests. The progress of students with poor academic performance is addressed through remedial classes. The heritage library of the college is well-equipped with textbooks and other reference books for various programmes of study. The medical and non-medical laboratories are well equipped with materials and equipment for specified experiments in their practical labs. Each department has at least one smart classroom facility for effective and attractive delivery of curriculum. The faculty of the college actively participate in different orientation programmes, disciplinary, interdisciplinary and multidisciplinary refresher courses, Faculty Development Programmes (FDPs), conferences, workshops, seminars, webinars etc. to keep themselves updated with respect to scientific and technical knowledge and also current teaching learning requirements. Periodic meetings of IQAC are also conducted reviewing the academic progress of teaching-learning, among other things. Also, regular meetings of the Department with the Principal are held to monitor effective curriculum delivery, to address any difficulty faced in curricular transactions. Regular feedback is taken from teachers and students on the curriculum to make the teaching-learning process best suited.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	Nil	0	NIL	NIL

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
No file uploaded.		

#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NIL	Nil

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	Nil	Nil
No file uploaded.		

### 1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCA	BCA Project	67
BSc	B.Sc. Chemistry Honours	17
BSc	Geography Study Tour	311
BSc	Applied Zoology	600
<a href="#">View File</a>		

## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Feedback is a valuable source of information and occupies an important position in the developmental policies of our college. The college utilizes a well-organized feedback system to strengthen the quality of teaching and learning. Feedback forms have been designed to collect feedback from students, teachers and alumni. A standard student feedback questionnaire is prepared through which students evaluate their teachers based on different parameters like regularity, punctuality, teaching skills, the pace of teaching, knowledge base, extra subject knowledge applied while teaching, evaluation, attitude/disposition, and accessibility of teacher etc. The feedback is collected from the students studying in different departments of the college. Besides evaluating their respective teachers, students feedback on the curriculum is also taken. Curriculum feedback includes different aspects like depth of syllabus, objectives stated in the curriculum and their relevance, evaluation methods stated in the curriculum, whether the curriculum is career oriented or not. The inputs from students are taken on the Scale of Poor, Average, Good, Very Good and Excellent. The suggestions are always welcomed from students. Teachers feedback on curricular aspects is also important. The different curricular aspects like course content, the correlation between theory and practical, distribution of credits to the courses, effectiveness of the curriculum to meet the global requirements, employability etc. are rated by teachers on the scale</p>



of Poor, Average, Good, Very Good, Excellent. The suggestions are sought from teachers too. Feedback from the college alumni is also taken in order to improve students' capabilities for higher education and to enhance employability post their graduation. To sum-up, the college feedback system involving different stakeholders improves the delivery of curriculum for students. The corrective measures suggested by different stakeholders is the key for overall development and up-gradation of education being provided at this college.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	General/Medical and Non Medical	1260	Nill	1470
BCA	Computer Application and IT	60	Nill	60
BSc	Physics	25	Nill	21
BSc	Chemistry	25	Nill	22
BSc	Mathematics	25	Nill	20
BSc	Geology	25	Nill	13
MA	English	35	Nill	28
MSc	Geology	20	Nill	20
<a href="#">View File</a>				

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1606	48	138	Nill	20

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
138	138	10	4	4	6
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Response Student mentoring system is available for all students at different levels, academic, personal and professional. The students are mentored at the time of admissions on the nature and prospects of the discipline they wish to choose. Later the new entrants are mentored at the time of counseling and orientation. Mentoring groups are assigned to each mentor which facilitates interaction between the mentor and mentee. In mentoring sessions teachers meet their groups of students to help them in resolving their curricular and other academic needs. In these mentoring sessions, students can discuss their academic, discipline related problems and matters related to college infrastructure and facilities without any hesitation. They are also provided emotional support where they can share their problems or concerns freely. The mentor and mentee share a special bond and it does not end with students completing their course but also continues for years.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3676	138	1:27

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
123	121	2	5	54

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Minu Bala	Assistant Professor	Best Paper Presentation award received from University of Jammu
2018	Kumar Sourab	Assistant Professor	Best Paper Presentation award received from Amar Singh College, Srinagar.
2018	Kumar Sourab	Assistant Professor	Best Paper Presentation award received from University of Jammu

[View File](#)

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	2GEL	4TH/2019	30/05/2019	09/11/2019
MA	2ENG	4TH2019	30/05/2019	09/11/2019
BSc	3GEL	Nill	Nill	Nill
BSc	3MAT	Nill	Nill	Nill

BSc	3CHEM	Nill	Nill	Nill
BSc	3PHY	Nill	Nill	Nill
BSc	N1-N12	6TH/2019	29/05/2019	13/07/2019
BCA	N13	6TH/2019	29/05/2019	13/07/2019
<a href="#">View File</a>				

#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Response: As our college is a constituent college hence there is little scope for introducing its own examination reforms. The college follows continuous assessment pattern as prescribed by the University for all the Programmes. According to Cluster University rules, a graduate student has to get atleast 75 attendance to appear for the external examination. Being an affiliated educational body, the college formulates and follows an academic calendar in tune with the University. University prescribed evaluation reforms are implemented and the faculty members continuously evaluate the performance of students in each semester. REFORMS INITIATED BY THE COLLEGE

1. Internal Question paper is prepared by a set of faculty members and it is moderated by the senior Professor or subject expert.
2. The college maintains an independent project evaluation system including various parameters like performance in Domain knowledge test, conceptual understanding, and presentation and reporting skills.
3. The college adheres to the factor of student attendance in all subjects.
4. Each department has a monitoring committee that verifies the internal assessment data of students before it is put for display for student to check.
5. Students are allowed to acknowledge evaluated internal assessment papers and discrepancies or grievances of the students if any are assessed and resolved by department before uploading on portal.
6. All details of internal assessments are preserved in college for two years after completion of the course.

#### 2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Response G.G.M. Science College is a constituent college of Cluster University of Jammu and strictly adheres to the academic calendar of the University and ensures that all semesters run according to the same. The academic calendar is printed on the brochure given to the students at the time of admission and is also uploaded on the website. The events to be performed and the trips and field visits of various departments are taken into consideration for preparing the academic calendar. As per the course credits in theory and practical the time table is set with 40 minutes duration for each theory class and 120 minutes for each practical. The college observes 6 days a week from 9:00am-3:00pm. The Faculty members who have been associated with subjects prepare session plans for the smooth conduct of classes. Thus, preparing them to begin the syllabus without any delay. Students are communicated through various means like Notice board, SMS, whatsapp groups, notice on college website and college face book page about the beginning date, instructions and the importance of attendance from the very first day. Their attendance is taken from the first session onwards and they are made aware about the importance of regular attendance and consequences of having attendance lesser than 75 hence this rule is also laid down by the affiliating university. Internal examinations are conducted according to the academic calendar of university. The time table is circulated a week before the commencement of exams. The pattern of internal assessment is also proposed by university. The internal assessment exam comprises of multiple choice questions, short definitions, fill ups of one mark each and also short answer questions. Question papers are prepared by the faculty, duly checked by the subject experts, sealed and kept in the custody of H.O.D. Copies are taken to the exam centre on the day of exam

only. Allotment of Rooms and invigilating faculty are scheduled by examination committee and every measure taken for the hassle free conduct of exams. The checked papers are later on shown to students who acknowledge it with a signature on evaluation sheets. Before the preparatory holidays the syllabus completion status is taken from the faculty members and the complete coverage of syllabus is ensured.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.ggmsciencecollege.in/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
3CHEM	BSc	Chemistry Honours	Nill	Nill	Nill
3PHY	BSc	Physics Honours	Nill	Nill	Nill
3GEL	BSc	Geology Honours	Nill	Nill	Nill
3MAT	BSc	Mathematics Honours	Nill	Nill	Nill
N1-N12N13	BSc	General BSC and BCA	840	648	77.14
2ENG	MA	English	32	32	100.00
2GEL	MSc	Geology	19	19	100.00

[View File](#)

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.ggmsciencecollege.in/igac.html>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	0	NIL	Nill	0

No file uploaded.

### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
0	0	

### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
0	0	0	Nill	0
No file uploaded.				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	0	0	Nill
No file uploaded.					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nill

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Botany	1	Nill
National	Chemistry	1	5.87
National	Geography	1	Nill
International	Botany	3	5.7
International	Chemistry	5	5.55
International	Electronics	1	4.2
International	English	4	4.33
International	Geography	1	5.75
International	Geology	2	2.78
International	Physics	5	3.07
<a href="#">View File</a>			

### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	4
Mathematics	1
Geography	1
Environmental Sciences	1

Chemistry	12
Biotechnology	2
<a href="#">View File</a>	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
New Nymphalid butterfly records from Jammu Kashmir, India.	Dr. Shakha Sharma	Journal of Threatened Taxa	2018	0.7	GGM Science College Jammu	4
New Lycaenid butterfly records from Jammu Kashmir, India.	Dr Shakha Sharma	Journal of Threatened Taxa	2018	0.7	GGM Science College Jammu	3
Celies Journey from Trial and Tribulation to Triumph in Alice Walkers The Color Purple	Dr. Shalini Sharma	International Journal of humanities and Social Science Invention	2018	3	GGM Science College Jammu	Nil
Rainfall-induced landslide in the active frontal fold-thrust belt of Northwestern Himalaya, Jammu: dynamics inferred by geological evidences and Ground Penetrating Radar	Dr. Sham Singh	Environmental Earth Sciences	2018	0	GGM Science College Jammu	2
3D-2D Lattice Dynamics	Dr. Dinesh Jasrotia	Materials Chemistry	2018	0	GGM Science College	5

ty, Eg and PL studies		and Physics			Jammu	
Dynamic Modulation of the Fermi Energy in Suspended Graphene Back Gated Devices	Dr Rakesh Kumar	Journal of Science and Technology of Advanced materials	2019	0	GGM Science College Jammu	6
<a href="#">View File</a>						

### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
New nymphalid butterfly records from Jammu Kashmir, India	Dr Shakha Sharma	Journal of Threatened Taxa	2018	8	4	GGM Science College Jammu
New Lycaenid butterfly records from Jammu Kashmir, India	Dr Shakha Sharma	Journal of Threatened Taxa	2018	8	3	GGM Science College Jammu
<a href="#">View File</a>						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	18	22	7	2
Resource persons	Nill	1	1	Nill
<a href="#">View File</a>				

## 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Demonstration of Barrel Composting	Dept. of EVS	2	30
Plantation and awareness workshop on menstrual	NCC SW	1	35

Hygiene			
Gender Sensitization drive	Women Study Centre	20	900
Old Age Home visit on NCC Day	NCC SW	1	35
ParkaramDiwas	NCC SW	4	80
<a href="#">View File</a>			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Athletics	Silver Medal in Hammer throw event of Athletic Meet Mr.Navdeep Singh	University of Jammu	1
Basket Ball (Men)	Winner	University of Jammu	1
<a href="#">View File</a>			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Fit India (Sports)	Physical Education	Kabbadi (Women)	2	7
Fit India (Sports)	Physical Education	Kabbadi (Men)	2	12
Fit India (Sports)	Physical Education	Volleyball (Men)	2	13
Fit India (Sports)	Physical Education	Basketball (Women)	2	7
Fit India (Sports)	Physical Education	Basketball (Men)	2	14
Fit India (Sports)	Physical Education	Wrestling (Men)	2	8
Fit India (Sports)	Physical Education	Boxing (Men)	2	2
Fit India (Sports)	Physical Education	Chess (women)	2	5
Fit India (Sports)	Physical Education	Chess (Men)	2	6
Fit India (Sports)	Physical Education	Football (Men)	2	16
<a href="#">View File</a>				

### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year



Nature of activity	Participant	Source of financial support	Duration
0	0	0	0
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
0	0	0	Nil	Nil	0
No file uploaded.					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
0	Nil	0	Nil
No file uploaded.			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
23.3	10.17

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Partially	16.05	2018

4.2.2 – Library Services

Library	Existing	Newly Added	Total
---------	----------	-------------	-------

Service Type						
<b>Text Books</b>	65574	Nill	890	629777	66464	629777
<b>Reference Books</b>	4995	Nill	25	Nill	5020	Nill
<b>Library Automation</b>	Nill	Nill	11003	272654	11003	272654
<b>Journals</b>	11	Nill	Nill	Nill	11	Nill
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nill
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	112	4	1	1	0	19	12	5	0
Added	4	0	0	0	0	0	0	0	0
<b>Total</b>	<b>116</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>19</b>	<b>12</b>	<b>5</b>	<b>0</b>

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

5 MBPS/ GBPS
--------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	<a href="#">Nil</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
59.91	40.1	88.53	18.41

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Different Committees of faculty members are constituted every academic year to monitor and execute the maintenance upkeep of physical, academic and support
---

facilities. Recommendations of these Committees, based on the feedback/demands of various departments are approved by the Principal and executed by observing the codal formalities. The College also employs around 70-75 Local fund employees to maintain the campus support the laboratory staff, wherever required. The head of departments can also make limited expenses on account of repair/maintenance of equipment, after getting authorization from the Principal and observing the codal formalities. Large expenses on account of repair etc. are either got approved from the Higher Education Department or funded directly by the Administrative department. For maintenance of Library infrastructure and facilities the Library committee and Administration have been given the responsibility to purchase/procure books and other materials as per the recommendations received from the college departments. Policies entail payment of fine in case of loss, damage, misuse of books and membership cards, and for late return. IT facilities are maintained by computer skilled personnel of the College and they also take the responsibilities of periodic upgrades of the IT resources. Regular maintenance of Computer laboratory equipments is done by Laboratory assistants alongwith Laboratory attendant and they are headed by the Faculty-in-charge. Various other Science laboratories are maintained by the concerned laboratory staff. Instruments required during class are issued against ID cards of students. Safety measures and important instructions pertaining to the use of equipment inside the laboratories are displayed. Maintenance of Classrooms is a regular exercise and cleanliness is done regularly by a group of Grade-IV workers and sweepers. Sports ground is maintained by Local fund/need based employees. Grass cutting, weed removal, and watering of the field is done regularly. Sports equipments are purchased/upgraded as per requirement. Students utilize the sports kits and equipment provided by the Physical Education department. Basic fitness equipments is also available for use by the students and staff. Regular cleaning of water tanks, plumbing, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by college grade-IV employees, through the landscape and beautification committee. SUPPORT FACILITIES College Canteen caters food to the staff and students. Adherence to norms for cleanliness, quality and hygiene of food is monitored by the Canteen Committee. JK bank has a branch in the college premises that caters to all the stakeholders. The college has a Dispensary facility in the premises for students and staff members. Accommodations: There are two residential accommodations in the premises for College Principal and Hostel Warden along with parking facilities and other amenities for the staff. The college has a facility of one guest house having 12 well furnished rooms with one kitchen and one dining hall. The residential complexes and Guest house are maintained by the college. The College Boys hostel caters to the needs of 185 students and provides all the necessary facilities. The hostel works under the supervision of a resident hostel Warden supported by the hostel committee.

<http://www.ggmsciencecollege.in/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	College Financial Aid	95	293000
Financial Support from Other Sources			
a) National	Post -Metric Scholarship for SC/	246	Nill

	OBC/EBC/ALC/Ministry for social justice and Empowerment		
b)International	Nill	Nill	Nill
<a href="#">View File</a>			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
BRAIN STORMING SESSION ON "WAYS TO AMALGAMATE WOMEN'S STUDIES IN REGULAR CURRICULUM"	11/05/2018	30	Women Studies
Swatch Bharat summer internship cleanliness drive in adopted village Akalpur	09/06/2018	50	Nehru Yuva Kendra Sangthan
Parkaram Diwas	28/08/2018	50	NCCSW
Elocution	20/09/2018	2	Jammu University
Poetry	15/09/2018	2	Jammu University
Short Story	23/09/2018	2	Jammu Universityy
Essay	23/09/2018	2	Jammu University
Collage	24/09/2018	2	Jammu University
Photography	22/09/2018	1	Jammu University
JK Science Teachers Congress March	27/03/2019	100	Department of Chemistry, GGM Science College
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	National Graduate Physics Examination under the aegis of Indian Association of Physics Teachers	23	23	Nill	Nill

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	7

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil	Nil	Nil	SBI BANK	1	1
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	BSc	Science Stream	Jammu University	B.Ed
2018	3	BSc	Science Stream	IGNOU, Distance Education Jammu Uni, JU,	M.A (English, Political Science, Sociology )
2018	5	BSc	Science Stream	JU, GNDU, CLUJ, CU, JU, Himachal Pradesh	Msc (Physics, Chemistry, Math, Physical Education, Botany
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
SET	1
Any Other	6
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Basketball (Men)	Inter College Tournament	14

Basketball (Women)	Inter College Tournament	7
Volleyball (Men)	Inter College Tournament	13
Kabaddi (Men)	Inter College Tournament	12
Kabaddi (Women)	Inter College Tournament	7
Elocution	Inter University	2
Poetry	Inter University Jammu	2
Short story	Inter University Jammu	2
Essay	Inter University Jammu	2
Quiz	Inter University Jammu	2
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Bronze Medal	Nill	Nill	Nill	17010040 140/2184GG MSC15	Mr. Bhanu Pratap Singh
2018	Silver Medal	Nill	Nill	Nill	1854GGMS C15	Mr. Navdeep Singh
2018	Silver Medal	Nill	2	Nill	1137GGMS C16	Mr. Shubam Kerni
2018	Ist Prize	Nill	Nill	Nill	View Document	Team Event
2018	Ist Prize	Nill	Nill	Nill	View Document	Team Event
2018	Ist Prize	Nill	Nill	Nill	133 (Sem V)	Mohinder
2018	2nd Prize	Nill	Nill	Nill	212 (Sem III)	Muskan
2018	3rd Prize	Nill	Nill	Nill	365 (Sem V)	Aayushvi
2018	2nd Prize	Nill	Nill	Nill	360,2515 ,506,435,4 29, 814 (Sem III)	Ankit Sharma , Manthan , Pranav Ravinder Koul, Sheetal Koul, Deek

						shaMantoo, Nishant Singh, Shivali Sharma
2018	Ist Prize	Nill	Nill	Nill	View Document	Team Event
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The student representative (SR) is an indispensable part of academic and administrative committees. The student representative is elected by the elections conducted in presence of faculty. These student bodies participate in the various activities of the college organised by sports cultural committees, alumni association. The online admissions are conducted in the college campus in a well organised and smooth manner with the assistance of student representatives. The NSS volunteers and NCC cadets actively participate in enhancing the beauty of the college. They organize plantation drives within and outside the college campus and actively participate in the college cleanliness drive. The student representative always helps the teaching staff of the college in organizing seminars, quiz competitions and other curricular activities within the college premises. The senior wing of NCC cadets visit to the adopted villages and aware the villagers about the cleanliness under Swachh Bharat Abhiyan. The student representative has the great job to deal with the grievances of the college students. They are well aware of the strengths and weaknesses of the college and collect suggestions from the various departments about how to overcome the weaknesses and bring all these suggestions into the notice of college grievances and redressal cell. These students always help the authorities to organise various sports and cultural events. In collaboration with red cross and other clubs of the college, the student representatives gather some donations and celebrate the festivals like navratras, durga puja, Holi and Diwali within the college campus. These stakeholders play a very important role in the overall development of the institution.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

100

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni interactive meetings were conducted in the college and valuable suggestions were sought from the Alumni working in the college for alumni registration

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500

words)

The college practices participative mechanism for a decentralized governance system whilst delegating authority and providing operational independence to various functionaries. The institutionalization of decentralization and participative management is reflective in the overall functioning and governance of the college. The college governance is decentralized at two levels: 1.Principal Level: The Principal of the college delegates all the academic and operational decisions in line with the statutes of Cluster University of Jammu to fulfil the vision and mission of the College. The college Principal in consultation with the members of advisory committee HoDs formulates common working procedures and ensures implementation. 2.Faculty Level: The college believes in democratic and participatory mode of governance. Various core committees are framed annually involving maximum teaching staff and members from administrative section to ensure the decentralized method of functioning. Additional cells are also constituted from time to time to organize and manage administrative and academic events as and when required. Different functionaries are encouraged to develop leadership skills by being in-charge of different academic, co-curricular, and extracurricular activities. To achieve the goals and objectives of the college, following committees are framed annually or revised annually: Internal Quality Assurance Cell (IQAC), Advisory Committee, College Development Committee (CDC), Examination Committee, Purchase Committee, Purchase IT Committee, College Magazine/Newsletter Committee, Time Table Committee, Literary Committee, Cultural Committee, Tour Picnic Committee, RUSA Committee, Discipline Committee, Sports Committee, Admission Committee etc. Besides these the college also has Student grievances redressal Committee, Career Counselling Cell, Students Welfare Cell, Activity Club, Nature Club and Womens Studies Centre. The senior most faculty member acts as the convener/co-convener of the committee/Cell. Additionally, the NSS/NCC Program officers (PO), Research and Innovation/Incubation Coordinator work independently and report directly to the Principal. The interdependency among various committees highlights cooperation and teamwork within the college. These committees/Cell/PO/Coordinators regularly meet under the chairmanship of the Principal and collectively propose decisions/resolutions on requisition/demand from student/staff. Minutes of the meeting are put forth for final approval by the chair. After approval from the Principal, various actions are taken to implement the resolutions. The empowered team of Principal, teaching and non-teaching staff and students ensure smooth and systematic functioning of various affairs within and outside the college.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Human Resource Management	The college being a Govt. run institute, the process of selection, recruitment and transfer of permanent faculty is regulated by the state Higher Education Department. The temporary recruitment for academic arrangements in cluster colleges is done by the cluster university. Within the institution, teachers are encouraged and permitted to participate in general and specific training



programmes like induction programmes, refresher courses, faculty development programmes and workshops. The institution practices participative management and sharing of responsibilities for effective implementation of the various action plans through various committees framed by the principal.

**Library, ICT and Physical Infrastructure / Instrumentation**

Every year books are procured in the college library as per the prescribed syllabus and departmental requirements. The library as a learning resource is well stocked with plethora of books on different subjects. A large number of local, national newspapers and magazines are also subscribed in the college library for students and staff. Library is partially automated using the Integrated Library Management System (ILMS) i.e. KOHA software installed in the year 2018. The process of providing WIFI/LAN, ICT facilities to laboratories and smart classrooms, was undertaken with an aim to adopt innovative methods for effective teaching.

**Research and Development**

To keep the faculty updated on recent developments, the institution ensures that the teachers and students participate in national, international conferences, symposia and seminars to present their research work and hone their skills. The faculty is also encouraged to write text, reference books and publish their research works in reputed national and international journals. Project work assigned to students helps to develop their research aptitude.

**Examination and Evaluation**

Being a constituent college of Cluster university, examination and evaluation process for CBCS students is controlled by the Cluster University Jammu and a standardized process in semester examinations is followed by the College. The date sheet is finalized by the university after due consultation with the Principal. Paper setting, conduct of the examination and evaluation is done by the staff of the college. Internal assessment is conducted through assignments, class tests and class presentations. Complete internal record of all the subjects is duly checked by the award verification committee constituted by the CLUJ. For

	<p>Non-CBCS students of Jammu University Sem V semester exam is conducted as per Jammu University guidelines. Besides conducting the university exam, college also is a center for UPSC, JK PSC, BOPEEE, Judiciary and other regional and national level examinations.</p>
Teaching and Learning	<p>The College endeavors to be an institute committed to pursuit of academic excellence through effective teaching and learning process. After admissions, the student orientation sessions are organized to familiarize the new entrants about the academic session, internal assignment tests, external examinations, distribution of marks to various units and projects to be undertaken during the session.</p> <p>Students are also encouraged to participate in co-curricular, sports and extension activities for their all-round personality since as an institution we believe in holistic development of students. ICT based teaching and learning in four labs is undertaken in addition to the traditional classroom teaching. Hands on learning and experience is enhanced among students through various field visits, excursion trips, industrial visits etc.</p>
Curriculum Development	<p>The institution offers courses at under-graduate (UG) level in sciences and computer applications and post-graduation (PG) in English and Geology. The college is a constituent college of the Cluster University of Jammu and delivers the curriculum prescribed by the Cluster University of Jammu through their respective Board of Studies (BoS). The curriculum includes core courses, discipline specific courses AECC, and various Skill enhancement courses. The senior faculty members of different teaching departments are members of their respective Board of Studies at Cluster University of Jammu.</p> <p>All the departments of the college strive for effective curriculum delivery through a combination of time-tested and innovative methods.</p>
Industry Interaction / Collaboration	<p>The college constantly strives to create an ecosystem for innovation and training for students in order to transfer the knowledge from institution to industry and vice-versa. Industrial visits are planned and conducted by the</p>

college for the students as a regular feature for exposing them to the applied part of acquired knowledge in the classroom teaching. For instance, Students from zoology department visited poultry and cattle research farm, Belicharana, Nawabad Fish Farm to get first hand knowledge about the various processes and operations for complete understanding of the concepts. Subject related geological field tours around Reasi, Batote, Bhaderwah, Kishtwar and Padder were undertaken twice by Department of Geology for skill enhancement and knowledge gain.

#### Admission of Students

Admission in the college is done through a centralized application process (both merit and entrance based for integrated and honors courses) and students are admitted on cut offs decided by the Cluster University for different courses. The admission process is regulated depending upon intake capacity as prescribed by Cluster university. Admissions in the college is paperless, computerized and well managed and made through the on-line mode for the benefit of the students. All relevant details about the admissions are made available on the Cluster University website well in advance. Registration fee is collected through online mode too for the convenience of the students. After online admission, physical verification of the documents of the students is done by the verification committee constituted by the principal. Students are required to pass at least 50 percent credits for their admission to both 3rd and 5th semesters.

#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	E-governance has led to efficient and prompt dissemination of administrative decisions, effective monitoring including feedback and redressal of grievances within the institution. In this regard, the communication within the intuition is done through the emails (institutional email with the domain name principalggm@gmail.com). The collective decisions related to the planning development of college are presented in the form of minutes of the meeting, which, following the approval

from the Principal, are electronically communicated to the department of higher education for administrative and funding approvals. The approved work submitted to development agencies is also recorded electronically.

Administration

After due consultation with different committee heads important administrative decisions are finalized. Various circulars, notifications, course syllabi, academic calendar etc. for the college students, staff and other concerning agencies are uploaded on college website for wide circulation and easy accessibility. College also takes help of JKCPIS (Jammu Kashmir Centralized Personnel Information System) database for administrative purposes, which is an e-governance application of JK Govt. Attendance is marked on biometric device which is linked to attendance portal of JK Higher Education Department. Biometric device have been installed to record attendance of all the employees.

Finance and Accounts

The college has a well-established Finance section headed by Accountant who is assisted by Junior Assistant and helper. Proper online payment procedure is followed before releasing payment in favor of different agencies which include Govt., Private, Individual and PSUs for construction, maintenance, servicing, purchasing etc. E-governance procedures like BEAMS, Disbursement of Salaries etc. through DBT etc. Public Financial Management System (PFMS) is also used for fund management and e-payments to different agencies and beneficiaries. Mostly procurements are done through Gem portal.

Student Admission and Support

Student admissions system is completely an online affair. Notification of admission to different semesters is advertised by the Cluster University. The online process of admission consists of registration on admission portal, online filling of admission form, declaration of provisional rank, modifications / editing of choice in the admission application form, declaration of final stream wise rank list. The entire schedule is updated on the University website. After online admission, the physical verification of documents takes place in the college by the

admission committee comprising college faculty. Various support measures are taken in the form of committees and cells namely Students' welfare committee, scholarship committee, grievance redressal cell, counselling cell, placement cell, NSS, NCC, online counselling of students etc.in the college acting as part of support system to help all the students adapt to the new environment within the college.

#### Examination

Examination is an offline affair. The result is uploaded on the portal and students can access their results online on the university portal.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	00	00	00	Nil
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Use of GeM portal	Use of GeM portal	04/10/2018	04/10/2018	15	10
2018	Nil	Training of Laboratory staff	22/08/2018	22/08/2018	Nil	16
2019	Nil	Basic Computer Training	17/01/2019	17/01/2019	Nil	12
No file uploaded.						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on MOOCs	1	21/10/2018	27/10/2018	07

and e-Content Development				
FDP on SWAYAM ARPIT Online course certification on Physics of Semiconductor Devices	1	01/12/2018	31/03/2019	121
FDP on Applied Geometry, Mathematics	1	06/05/2019	12/05/2019	07
Induction Training	2	27/05/2019	22/06/2019	21
Refresher Course in Environmental Sciences	1	15/10/2018	04/11/2018	21
Refresher Course in Languages	1	29/10/2018	18/11/2018	21
Refresher Course in Mathematics	1	19/11/2018	10/12/2018	21
Refresher Course in Chemistry	2	03/12/2018	23/12/2018	21
Workshop on Internet of Things	5	20/05/2019	24/05/2019	5
Workshop on International Mountain Day	3	11/12/2018	11/12/2018	1
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	16	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medicclaim, Financial assistance as medical reimbursement from teacher welfare fund, State Life Insurance, group insurance, General Provident Fund, National Pension System, leaves of different kinds like	Medicclaim, Health Insurance and NPS, State Life Insurance, group insurance, General Provident Fund, National Pension System, leaves of different kinds like child care leave, medical leave, maternity leave	Scholarships from various Govt. Scholarship Schemes, College Financial Aid other than the govt. scholarships

child care leave, medical leave, maternity leave etc.	etc.	
---	------	--

#### 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution conducts internal and external financial audits routinely. 1. Internal audit: Before releasing any kind of payments physical verification of the purchases made during a financial year is carried out by the committee constituted for the purpose by the chair. Also routine verification of the store stock is carried out by stock verification committee. 2. External audit: The audit of the accounts, procedures followed in the purchases and other expenditures incurred by the college is periodically conducted by the office of the Accountant General Govt. of India, Jammu. Also the Department of Accounts, Govt. of Jammu and Kashmir conducts audit of the accounts of the college periodically.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nill	0	00
No file uploaded.		

6.4.3 – Total corpus fund generated

00
----

#### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IQAC of College	Yes	IQAC of College
Administrative	Yes	Accountant General, Finance Department Govt. of JK and Higher Education Department	Yes	College Purchase Committee and College Accounts Section

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The college doesn't have a formal Parent-Teacher Association. However, the college staff is always available to resolve any kind of issue related to students and brought up by the parents in person or on mobile. Periodical meetings with parents are conducted and issues resolved. The concerns raised are regarding their ward's problem in time table, class performances and grievances of any other kind.

6.5.3 – Development programmes for support staff (at least three)

? The administrative staff was given training on the use of computer applications including the use of software applications like word, excel,

writing emails, etc ? The laboratory staff was trained for maintaining the stock register and stock entries . ? Knowledge about use of GeM portal, etc.

#### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

? Motivating the college faculty to use modern ICT for effective teaching and learning. ? Student centric activities such as motivating the girls students to participate in sports, installation of color coded dustbins, drinking water points, enhancing sports facilities, interclass matches etc. ? Introduction of market oriented, and skill enhancing courses to increase their employability post UG and PG degrees. ? Outreach activities like community services through college NSS Units, NCC, Women studies centre, red ribbon club.

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Regular meetings with heads of the departments under the chairmanship of Principal	20/07/2018	20/07/2018	20/07/2018	11
<a href="#">View File</a>					

### CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
1. Lecture on the topic 'Objectives of Centre for Women Study" by Dr. Sandhya Sankhyadhar	08/08/2018	08/08/2018	25	40
2. Lecture on the topic 'Empowerment of Dalit Women' by Dr. Renu Vakil	22/08/2018	22/08/2018	32	30
3. Lecture on the topic 'Role	29/08/2018	29/08/2018	25	31



of Women in Business Management' by Dr. Neeru Sawhney				
4. Lecture on the topic 'Managing Work and Home' by Dr. Upasna Andotra	05/09/2018	05/09/2018	40	30
5. Lecture on the topic 'Struggle of Women Scientists' by Dr. Babita Mahajan	12/09/2018	12/09/2018	28	30
6. Lecture on the topic 'Keep Going' by Dr. Deepali Mahajan	19/09/2018	19/09/2018	38	30
7. Lecture on the topic 'Gender inequality in India' by Dr. Rabia Javed	26/09/2018	26/09/2018	34	40
8. Lecture on the topic 'Changing Status of Women' by Dr. Sushma Sharma	03/10/2018	03/10/2018	35	25
9. Lecture on the topic 'Women in Armed Forces' by Dr. Preetika Sharma	10/10/2018	10/10/2018	33	32
10. Lecture on the topic 'Being Mother is Penalty. Is it?' by Prof. Shrdha Anand	07/11/2018	07/11/2018	40	35
. Lecture on the topic 'The Mother-Daughter Relationship' by Prof. Poonam Angotra	21/11/2018	21/11/2018	30	26
12. Lecture on the topic 'Violence	06/12/2018	06/12/2018	26	30

against Women' by Mrs. Rekha Kumari				
13. Lecture on the topic 'Female Foeticide' by Rishav Bali (PG English)	08/12/2018	08/12/2018	32	40
14. International Womens Day Celebration	08/03/2019	08/03/2019	50	42
15. Awareness Workshop on Menstrual Hygiene organized by NCC	09/05/2019	09/05/2019	100	20

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1. Barrel Composting of organic waste by Department of Environmental Sciences in association with State Pollution Control Board on 16-04-2019 2. Swachh Bharat Summer Internship Cleanliness Drive in adopted Village Akalpur, Block Marh, Jammu by NCC on 9th June 2018

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	No	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

2018	1	1	09/06/2018	1	Swatch Bharat Summer Internship Cleanliness Drive in adopted Village Akalpur, near Jammu City	Generated awareness regarding cleanliness in the local community	30
2019	1	1	21/11/2019	1	Visit to Old Age Home on NCC Day	Old Age Care	35

[View File](#)

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct Handbook	Nil	The Code of Conduct is a shared statement of our commitment to upholding the ethical, professional, and legal standards we use as the basis for our daily and long-term decisions and actions. The Code of Conduct Handbook contains details of- • Code of conduct for the Head of the Institution (Principal) ? Code of conduct for Students ? Code of conduct for Teaching Staff ? Code of conduct for Non-Teaching/Administrative Staff

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day Celebration	15/08/2018	15/08/2018	100
International Peace Day	15/09/2018	15/09/2018	40
NSS foundation Day	24/09/2018	24/09/2018	50
Blood donation day	01/10/2018	01/10/2018	15
Old age home visit on NCC Day	21/11/2018	21/11/2018	35
World Human Rights Day	10/12/2018	10/12/2018	50
Martyr Days	16/10/2018	18/10/2018	150
College Foundation Day	17/12/2018	17/12/2018	250
Republic Day Celebration	26/01/2019	26/01/2019	100
<a href="#">View File</a>			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Drives: NSS, NCC, Nature Savior Club helps in conducting cleaning activities plantation drives, Swachata activities, etc. 2. Ethical treatment of animals. 3. Installation of dustbins for effective waste collection 4. Restricted entry of vehicles in the college campus beyond the identified parking slot 5. Ban on use of polythene bags on the college campus 6. Energy conservation (use of LED bulbs)

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**Best Practice 1: Gender Sensitization**  
**Title of the best practice:** Gender Sensitization  
**Objectives of the practice:** GGM Science College is a co-educational institute and understands its responsibility in creating gender sensitization and increasing the sensitivity of people at large towards the needs of a particular gender with the following goals: ? To make the young boys' and girls' gender-sensitive and create positive values that support their rights. ? To provide overall guidance to the peer group in integrating/mainstreaming gender in all activities of the Institution in the form of focused group discussions, debates, poster-making competitions, etc. ? To provide an integrated and interdisciplinary approach to understanding the social and cultural constructions of gender that shape the experiences of people in society. ? To generate awareness in regard to equality in law, social system, and democratic activities. ? To bring a definite orientation in the thinking, practices, and approach of students concerning gender issues so that the stereotype mindset of men and women about their unequal entities can be changed. ? To create self-confidence, self-dignity, and self-respect among girl students  
**The Context:** Gender bias is deeply ingrained in Indian society. To achieve the desired changes in people and society, we have to develop a well-thought-out strategy for gender awareness that takes into account the socio-cultural, economic, and psychological environment prevailing in the group of women. GGM Science College, primarily a Science College, has to essentially implement the curriculum pertaining to sciences only where gender sensitization

is also an integral part of the curriculum. However, our college is well prepared to handle and respond to gender-sensitive issues and provide an environment where men and women can work together with a sense of personal security and dignity. For this purpose, the Women Studies Centre of the College vigorously works to sensitize and aware students about gender so as to create an enabling environment of gender justice. The Practice: The college takes utmost care in ensuring Gender equity among the students. This practice is implemented by training the students and encouraging them to participate in various gender-related activities. The College organizes many counseling and outreach activities through NSS, NCC, and Women Studies Centre to create gender awareness and instill a responsibility among students. ? The College has constituted Women Studies Centre which is highly vibrant and conducts regular awareness programs, poster making competitions, workshops, and lectures, etc.

which cover various gender-sensitive issues like gender equity, sexual harassment, and the importance of education for the girl child, maintain personal hygiene, save girl child, etc., and also provide awareness about various legal rights of men and women. The centre is working hard to generate awareness among the local women. Various lectures and drives are held for the awareness and upliftment of women in this area. ? The Institution conducted many seminars and workshops on themes like Domestic Violence, Female Foeticide, Dowry harassment, literacy among women, and likewise. ? Boy students are also enrolled as volunteers to strengthen and support gender sensitization programs.

? Elocution, Debate, and Essay Writing competitions are also conducted to create a definite orientation in the thinking, practices, and approach of students concerning gender issues. ? Grievance Cell is constituted in the College for the immediate redressal of grievances of students and employees. ? A committee against Sexual harassment is constituted in the College to create a congenial working environment that is free of sexual harassment or gender-based discrimination for all employees and students. ? Equal opportunities are provided to all the staff members, irrespective of gender, in every College activity. Evidence of Success: ? Gender sensitization programs brought the change in the behaviour of the students and instilled in them an understanding of the thoughts and views of the other gender. ? Through the effective

implementation of Gender Sensitization Institution is able to create a women-friendly atmosphere on campus and women are participating in all the activities of the college. ? Students of the college excel in all the areas of social and professional life. ? The faculty is motivated to participate and present gender-

related articles in various seminars. Problems Encountered: ? Insufficient funds for organizing programs are always a concern. ? Regular classwork, practicals, and other related works pose time constraints for conducting programs. ? Regional backwardness and orthodox family backgrounds prevent girls from rural areas from actively participating in gender awareness programs to some extent. Best Practice 2: Extension activities Title of the Practice:

Extension activities Objectives of the Practice: GGM Science College is committed to carving out a generation that would take an active role in social activities. With this aim in view, extension services are made available to nearby localities and communities with the following goals: ? To bring in the idea of social welfare in students. ? To serve the local community. ? To develop leadership qualities and team spirit among students. ? To enable the students, use the newly acquired knowledge and skills to improve their general standard of living. ? To enable students to develop people-oriented attitudes, and to imbibe the spirit of compassion for others. The Context: Being an institute of Higher education and situated in the centre of the city, it's our social responsibility to educate and to aware local people about health, hygiene, rights, responsibilities, and environment. There are many people around who are in need of assistance in cleaning, training, and other material support. Further, many students are not aware of the happenings in and around them. The students are regularly trained for the service of society. The

Practice: Community service-learning is a process of engaging students in charitable activities, combined with facilitated means of applying the experience to their academic and personal development. It is a form of experiential education that aims to enhance and enrich student learning. Service Learning provides students the opportunity to apply newly acquired knowledge and skills to real-life situations in their own communities and percolate what they have learned by extending learning beyond the classroom to the community, and thus developing a sense of service for others. GGM Science college regularly practices extension activities to build a strong relationship between students and society. ? NCC/NSS units of the college are providing different services to the community through various awareness programs related to female foeticide and dowry system, Sadhabhawana fortnight, energy conservation, Swachh Bharat Abhiyan, blood donation camp, voter awareness campaign, etc. ? Women Studies Centre of the college conducts various activities to impart gender sensitization among college students. ? NSS/NCC volunteers' cadets pay visits to old age homes, orphanages, and slum areas to take care of their needs. ? Red Cross Unit of the college organizes various community service programs. The unit also participates and puts up a stall in the Red Cross Mela of the district and the fund goes to the Red Cross Unit of JK. ? Red Ribbon Club: The Red Ribbon is an international symbol of HIV and AIDS awareness. Our Red Ribbon Club is working for the noble cause, creating awareness among the rural and urban populations about AIDS and other such diseases. ? Road safety club sensitizes the community about various road safety rules by organizing different lectures and activities. ? Nature Saviours' Club frequently organizes activities related to environmental issues thereby promoting environmental awareness. ? Active Donations are made by the staff and students on Flag Day for the Armed forces. Evidence of the success: Our students have been successful in these activities as they have brought laurels to the institute by winning Trophies and Certificates of merits. Problems encountered: ? The extension activities do not form an integral part of the academic record of students ? After academics, very little time is left for the students to participate in such activities ? Students sometimes face difficulty in carrying out the activities as they do not get enough public support. ? Insufficient funds for organizing programs are always a concern.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.ggmsciencecollege.in>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

All-round development of the students is the priority and thrust area in which the college has been making progress. While academics remain a key focus, we also emphasize social, cultural, psychological, and moral development. In the field of extracurricular activities, we equip the students with artistic training and vocational skills. Educational practices: GGM Science College has a galaxy of faculty members who are qualified and profound experts in their subject areas. The academic standard of our college is evident from the outstanding university results of our college with many students having positions every year. Also, our students are selected in the best institutes for their higher studies and qualify for competitive examinations in different areas. Physical Education practices: GGM Science College has a well-equipped Physical Education Department which trains the students for participation in different College, University, and UT level sports activities. The College houses the following sports facilities: ? Two Cricket Playgrounds ? Two Football fields ? One Hockey field ? Basketball Court ? Badminton Court ? Lawn

Tennis ? Table Tennis The campus is accessible to the local population for physical activities and the lush green campus fascinates the morning walkers.

Extra-curricular practices: GGM Science College has a plethora of committees and clubs which work for the holistic development of the students by organizing various activities. The NCC unit, NSS, and the Women Study Centre of the College regularly organize extension activities and outreach programs providing an environment conducive for the all-round development of students. The cultural committee of the college focuses on helping the students explore their talent in the field of art, music, dramatics, etc. Career advisory practice: Career Counselling and Placement Cell has been set up in the college to offer students a sense of direction and exposure to the range of job opportunities available to them. The objective of setting up the Cell includes the idea of preparing the students to launch into the next phase of life confidently.

Supplementary Aids and Services Equity not just equality - At GGM Science College, students from diverse backgrounds are given access to educational and personal growth opportunities. Due benefits are given to students from reserved categories to take admissions in the college. Scholarships and fee concessions are provided to students from economically underprivileged families. College also administers Post-Matric Scholarships to SC/ST/OBC students granted by different Departments/Agencies of Centre and Govt. of Jammu and Kashmir.

Provide the weblink of the institution

<http://www.ggmsciencecollege.in>

#### **8.Future Plans of Actions for Next Academic Year**

IQAC shall take concerted steps to achieve all the initiatives suggested in the academic session in the future session with the aim to build a research and innovation ecosystem in the college.