



# **SELF STUDY REPORT**

**FOR**

**3<sup>rd</sup> CYCLE OF ACCREDITATION**

## **SANMATI GOVERNMENT COLLEGE OF SCIENCE EDUCATION AND RESEARCH**

**SANMATI GOVERNMENT COLLEGE OF SCIENCE EDUCATION AND  
RESEARCH, RAIKOT ROAD JAGRAON(LUDHIANA)**

**142026**

**[www.gscjgn.org](http://www.gscjgn.org)**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Sanmati Government College of Science Education and Research, Jagraon (Ludhiana) was established in July, 1968,. It was inaugurated by the Home minister Sh. Y. B. Chavan on 18th July, 1968. Our college has been accredited with 'B++' grade by NAAC in cycle I and cycle II of accreditation. The college was selected, under Star College Scheme in life Sciences by DBT, Ministry of Science and Technology, Government of India in 2009. Ours is the only government college in northern India, imparting education to the students, exclusively in science subjects hailing mainly from rural areas. The college successfully runs B.Sc.Medical, B.Sc.Non-Medical, M.Sc.Botany and M.Sc.Chemistry with total strength of 505 in this session. The sprawling lush green eco-friendly campus spread over 42 acres provides highly conducive environment for the holistic development of the students.

In the establishment of the college, Jain society especially, Matri-Sewa Sangh, Jagraon and the patron respected Shri. Bimal Muni Ji has given an incredible contribution. Under their patronage, approximately 42 acres of land was given to the Govt. as a charity for the building of the college. College is situated on Jagraon –Raikot road. It is about 5 km away from bus stand and 4 km from the railway station. College is situated in the natural and open environment which has earned it the name of mini Shanti Niketan. The botanical garden of the college is spread over more than three acres and is considered to be the best from among the gardens of the govt. colleges of Punjab. It hosts more than 300 plants (of more than 200 types) which are arranged according to Bentham and Hooker system. The beautiful double storey building of the college has eleven smart class rooms to facilitate teaching learning process.

To widen the horizon of knowledge of the faculty and students, dignitaries from renowned institutes are invited to deliver lectures. Educational tours are arranged to research labs to orient them towards research work. Books, Journals and Magazines are made available for updating the knowledge of teachers and students. With the help of star college scheme, RUSA and UGC, ICT facility has also been updated.

### **Vision**

- ? To impart high quality education in science to produce professionals of National and International repute.
- ? Preservation of culture and heritage of India by organizing cultural/extra curricular activities
- ? To ensure equity in higher education by providing adequate opportunities to under privileged sections of society.
- ? To develop intellectual capital to meet societal needs and global challenges.

### **Mission**

? The adage, do not limit your goals up to your abilities rather raise your abilities up to your goals, clearly illustrates our mission "TRANSCEND" as carved on the logo. We are fully committed to train our students to

achieve their goals by:-

? Serving society by producing talented teachers, research scholars and good human beings through development of mind and knowledge.

? Developing a feeling of social responsibility among the students by conducting various awareness programmes.

? Providing high quality education and to make sincere, responsible and progressive citizen.

? Focus on specialized practical oriented teaching to develop analytical ability among students.

? Attract brilliant students and train them to compete in facing global challenges.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

#### **Strengths of the College are**

- Highly dedicated and hardworking teaching faculty.
- Obedient, disciplined, outstanding students capable of bringing laurels to the institute.
- Well-equipped Labs.
- Highly supportive PTA and Alumni association.

### **Institutional Weakness**

- Scarcity of qualified and regular staff.
- Shortage of laboratories.
- Need for new job oriented courses.
- Research oriented facilities.

### **Institutional Opportunity**

- For new PG and Job Orientated Courses.
- Collaborations with universities and industries to start research.
- To attract outstanding scholars to the institution
- to start computer related courses in the college.

### **Institutional Challenge**

- Upcoming of private institutes where easy admission in latest courses poses a real challenge for

traditional courses.

- Trend of going abroad in Punjab in search of greener pastures.
- To attract outstanding scholars to the institution

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

The institute prioritises the efficient delivery of the curriculum by meticulously planning the schedule of work in advance. As an affiliate of Punjab University Chandigarh, the institute adheres to the curriculum provided by the university. It follows the academic calendar provided by the university, ensuring timely coverage of topics and syllabi.

To gauge the understanding and progress of students, the teachers regularly administer class tests at appropriate intervals. This assessment process helps in identifying areas where students may require additional support or guidance. The institute also endeavours to introduce add-on courses to broaden the educational horizons of its students. In 2021, the college successfully initiated its first add-on course on mushroom cultivation, providing students with an opportunity to explore diverse subjects.

The institute demonstrates a strong commitment to gender sensitivity, environmental sustainability, human values, and professional ethics. To uphold these values, the institute establishes various platforms such as women forums and tutorial groups. These platforms foster inclusivity, discussions on social issues, and the cultivation of ethical practices.

Recognising the importance of practical learning, the institute ensures active student participation through projects, field trips, and lab excursions. These experiential learning opportunities enable students to apply theoretical concepts in real-world scenarios, enhancing their understanding and skills.

To maintain the effectiveness of the curriculum design and delivery, the institute has implemented an efficient feedback system involving various stakeholders. This feedback mechanism allows students, faculty, and other stakeholders to provide valuable insights, enabling continuous improvement and refinement of the curriculum.

Overall, the institute strives to provide a holistic and well-rounded education to its students, fostering their intellectual growth, ethical development, and practical proficiency.

## **Teaching-learning and Evaluation**

The teaching-learning process focuses on the needs of the students. Various effective and efficient teaching-learning processes to attain excellence in academics have evolved over the years.

The admission process for all the programmes is fair and transparent. The reservation policy is implemented according to the rules during admissions every session.

Student-teacher ratio is optimum. Student-centric methods are used to ensure efficacious teaching & learning process. Advanced learners are motivated to participate and excel in academic & co-curricular activities. Slow learners are provided extra time and guidance by the teachers.

Mentor-Mentee system has been introduced where mentors are actively engaged in providing academic, psychological and general counselling to the mentees.

Mechanism for internal assessment is standardized by Panjab University, Chandigarh and is transparent. Assignments, Tests, Seminars are held periodically. Students' academic performance, participation in activities and interaction in class are also considered.

POs and COs are uploaded on the college website. The performance of students in university exams/results and job placements indicates the level of attainment.

Feedback is obtained from students to ensure that teaching is effective and student-centric.

## **Research, Innovations and Extension**

Sanmati Govt. College of Science Education And Research in Jagraon has been actively involved in various extension activities to promote the all-round development of its students. The college has received grants from different sources over the years, including INR 53 lakhs from DBT in 2017-18, INR 63.14 lakhs from RUSA in 2018-19, and INR 52.39 lakhs from RUSA in 2021-22. It has also conducted Intellectual Property Rights (IPR) workshops in 2021-22.

The faculty has published research papers and books/chapters, with an increase in the number of publications over the years. In 2017-18, two research papers and one book/chapter were published, while in 2019-20, one research paper and two book/chapters were published. The numbers increased to four research papers and four book/chapters in 2021-22. The college has also engaged in collaborations, with a total of two collaborations during the specified period.

The institution focuses on developing scientific aptitude among students and organizes various programs such as workshops, seminars, and educational tours to expose them to the latest scientific developments. The teachers actively support students in their assignments and presentations to enhance their logical reasoning and confidence. The college provides access to well-equipped labs for hands-on training.

The institution aims to foster an ecosystem for innovation and knowledge transfer. It organizes the Science Fiesta program annually, promoting scientific temperament, research aptitude, and creative thinking among students. Despite the challenges posed by the pandemic, the institution adapted its activities to an online format to benefit students. Additionally, the college emphasizes creating a pollution-free environment and has

conducted plantation drives in collaboration with various organizations.

The institution also focuses on providing assistance to economically disadvantaged students by offering free books from the library. It strives to make education accessible to all and empower students for a better future.

Furthermore, the college has engaged in various extension activities over the past five years. These activities include assembly for new students, celebrations of International Yoga Day, voter awareness camps, Independence Day celebrations, road safety programs, and Poshan Maah awareness programs. The college has also participated in programs like DAPO and Buddy Program, Youth Parliament, and organized lectures on various topics.

### **Infrastructure and Learning Resources**

The lush green campus of Sanmati Government College of Science Education and Research is spread over 42 acres. The constructed area includes a college building which is E shaped, college canteen, Girls hostel, Auditorium and Rusa block. Ours is a mono faculty college imparting education in science and runs UG and two PG programs. There are 7 classrooms in the college which are fully equipped and ICT facilities. Three classrooms out of seven are recently equipped with digital display panels having android 10 and window 10 configuration.

College has 11 well-equipped and well maintained laboratories. Seven of 11 laboratories are ICT enabled. College has a total of 14 ICT enabled classrooms, laboratories.

College has two Air conditioned auditorium halls of 1800 sq ft and 1930 sq ft built up area with seating capacity of 150 and 250 for organising various cultural and academic activities. Both seminar halls are ICT enabled. Outdoor and indoor gaming facility for promoting physical and mental health is available in the college. Outdoor facility includes athletic track, football ground, short put, volleyball and indoor facilities are table tennis, Badminton, carrom, chess, skipping rope etc. Gymnasium facility is provided in campus as well as in girls hostel.

College has a Sir C. V. Raman spacious, well ventilated and well lit main library and four departmental libraries with approximately 18017 books, 24 journals, 431 reference books, and NLIST facility for exploring e-resources. Library has an Air Conditioned reading hall and UGC cum browsing centre.

The college is equipped with the latest configuration 61 computers, 16 printers among which 11 are all in one and a Wi-Fi facility with 3 connections of 100mbps and one connection of 50 Mbps bandwidth.

Campus Area is kept under 24/7 surveillance with CCTV Cameras for facilitating a secure environment for all the students. College has a very systematic approach towards procedures and policies for maintaining physical, academic and other support facilities.

### **Student Support and Progression**

Our college takes pride in the fact that we have well-established mechanisms in place to provide continuous

support to our students who come from diverse backgrounds- economic and social.

Besides providing all the scholarships offered under various government schemes, the college leaves no stone unturned to provide financial help to the meritorious, needy, and deserving students. Information regarding the various scholarships available is provided on the college website as well as printed in the college prospectus published every year. Liberal concessions, freeships and financial aid is offered not only under the Central/State Government schemes but also by several philanthropists, our worthy alumni and organisations associated with our college. SAF has especially been created to help students. The students are regularly updated about the various scholarships available by the incharge of the college scholarship committee.

Our college also boasts of an active college counselling and placement cell that regularly guides and updates the students about the various career opportunities available and the various state, national and international examinations that they are eligible for. Our students are picked up for jobs in industries, various schools- private and government- even before they are through with their final semester exams. Many of our students also enrol themselves for higher education to gain expertise before settling down in their professions.

Because we believe in all round and holistic development of the students, the college encourages the students to participate in various extra-curricular and sports activities being conducted in the college or at an inter college level.

We believe that students need to feel safe in their environment- only then can we hope to produce happy and self-confident individuals. To ensure safe, secure and a stress-free campus for the students the institution has a proactive Anti-Ragging Committee, a dynamic Anti-Sexual Harassment committee and an effective and time bound grievance-redressal mechanism.

The college has a registered alumni body that works actively hand-in-hand with the college faculty to mentor, guide and provide financial help to the deserving and needy students.

### **Governance, Leadership and Management**

The vision and mission of the college is to be an outstanding institution of excellence in Higher Education. Along with academic excellence, students are sensitized to the concerns of society. For the Participative Management, Decentralization & Governance, the college Director in consultation with IQAC forms various committees comprising of teachers, non teaching staff and students as well. The institutional development is deployed by various modern means of teaching and also they get evaluated by house tests, assignments, project work. The college has career counseling and placement cell which help students for their successful career. The college has a college council which supervises the preparation, division, allocation and utilization of funds. They decide the policy and procedure for purchasing any item. The college is committed for the well being for its employees through loan against PF, GIS Insurance, Gratuity pension scheme, Encashment leave, Maternity leave & Medical leave. Institution has various strategies for mobilization and utilization of resources under DBT STAR COLLEGE SCHEME, RUSA. College conducts external and internal financial audits regularly. IQAC reviews all strategies & processes and takes required steps for incremental improvement

### **Institutional Values and Best Practices**

College/IQAC organises Women's Day, Women's health day, Webinars/Seminars, Talks, Lectures/Competitions, to sensitize students on gender equity. Maternity and child-care leave is provided. Round-the-clock Security-Personnel, Precise record of vehicles/visitors, three Sentry posts, CCTV cameras with 43 Surveillance Points, photo I-cards of students and parents photos on hostel I-card, Proctorial duties, lady helper for girls, strategic placement of suggestion/grievance boxes, formation of committees- Women-Forum, Discipline Committee, Students'-Council, Equal-Opportunity-Cell, Sexual-Harassment Prevention-Cell/Committee for gender equity are some measures regularly followed in the college.

Provision of Girls common room with newspapers, magazines, indoor games (carrom-board, table-tennis), exercise cycle, skipper, tread mill, First-Aid/Sick-Room-Facility, tie up with Maini hospital, free sanitary pads and incinerator is also available.

Our college has facilities like Alternate sources of energy and energy conservation measures (solar panel), Management of the various types of degradable and non-degradable waste, Water conservation, green campus initiatives, Disabled-friendly and barrier free environment. Clean and green campus initiatives and beyond the campus environmental promotion activities have also been performed.

Every effort is made to instill cultural, regional and linguistic values among students through various activities and programs. Educational institution plays a significant role in making responsible citizens. Good education has power to ignite and develop minds but agenda of education is incomplete without making all aware about constitutional values, rights and duties.

Scientists from different fields are invited who enlighten students with knowledge/experience. This helps in enriching knowledge & clearing doubts. Students are also taken to research institutes for practical demonstrations to expose them to variety of techniques being used in these institutes. College organizes extension lectures and trips to develop scientific aptitude in students.

Women-Forum was established with aim of empowering girl-students/female-teachers. College has also established a Sexual harassment prevention cell. Students are regularly motivated to plant more trees under the slogan 'Each One, Plant One', to make their surrounding clean, green and healthy. events involving Plantation of the Saplings, Declamation contest, Poster making are organized to mark Earth Day and Ozone Day. College has well established botanical garden, teak valley, micro forest, Nanak bhagichi and cactus garden.



## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	SANMATI GOVERNMENT COLLEGE OF SCIENCE EDUCATION AND RESEARCH
Address	Sanmati Government College of Science Education and Research, Raikot Road Jagraon(Ludhiana)
City	JAGRAON
State	Punjab
Pin	142026
Website	<a href="http://www.gscjgn.org">www.gscjgn.org</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Kirpal Kaur	01624-223242	9417265126	-	gsciencejagraon@gmail.com
IQAC / CIQA coordinator	Nidhi	01624-2223242	9417265126	-	mahajan.mahajan85@gmail.com

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Chandigarh	Panjab University	<a href="#">View Document</a>

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	29-10-1969	<a href="#">View Document</a>
12B of UGC	29-10-1969	<a href="#">View Document</a>

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

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Department of Biotechnology Govt of India
Date of recognition	16-09-2015

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Sanmati Government College of Science Education and Research, Raikot Road Jagraon(Ludhiana)	Semi-urban	42	9059.21

## 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 Biochemistry Chemistry Chemistryhons Zoology	36	senior secondary	English, Hindi, Punjabi	240	112
UG	BSc, Chemistry Chemistryhons Physics Mathematics	36	senior secondary	English, Hindi, Punjabi	480	303
PG	MSc, Chemistry	24	B.Sc. Non Medical and B.Sc Medical	English, Hindi, Punjabi	80	63
PG	MSc, Botany	24	B.Sc. Medical	English, Hindi, Punjabi	80	17

### 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				0				42			
Recruited	0	0	0	0	0	0	0	0	4	19	0	23
Yet to Recruit	0				0				19			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				51
Recruited	8	2	0	10
Yet to Recruit				41
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
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**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	1	0	0	2	0	3
PG	0	0	0	0	0	0	1	3	0	4
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	1	0	1
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	0	0	0	1	11	0	12
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	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	2	0	2
PG	0	0	0	0	0	0	1	0	0	1
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	1	1	0	2	

**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	107	0	0	0	107
	Female	318	0	0	0	318
	Others	0	0	0	0	0
PG	Male	18	2	0	0	20
	Female	59	1	0	0	60
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	16	0	0	0	16
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Category</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	38	53	59	66
	Female	106	139	140	158
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	33	41	25	16
	Female	107	108	102	94
	Others	0	0	0	0
General	Male	44	38	61	46
	Female	178	191	160	125
	Others	0	0	0	0
Others	Male	4	5	0	0
	Female	8	17	0	0
	Others	0	0	0	0
Total		518	592	547	505

### **Institutional preparedness for NEP**

1. Multidisciplinary/interdisciplinary:	Multidisciplinary Education aims at providing creative combinations of disciplines in education that integrates the Humanities and Arts with Science, Technology, Engineering and Mathematics. Flexible curricular structures will enable creative combinations of disciplines for study, and would offer multiple entry and exit points, thus, removing currently prevalent rigid boundaries and creating new possibilities for life-long learning. Being a mono faculty college, we are now planning to introduce interdisciplinary courses also along with the traditional courses. We have decided about certain courses which can be offered to the students and list has also been sent to Panjab University, Chandigarh
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	for kind consideration. The multidisciplinary approach will be introduced as and when directed by the concerned university.
2. Academic bank of credits (ABC):	Our institution is making every possible effort to create awareness among the students about the academic bank of credits and majority of students have registered for ABC account. A teacher has been appointed nodal officer for streamlining the process of registration for ABC accounts. the tutors have been guided and doing this task in the tutorial groups. The students are being told about the benefits of ABC accounts in the tutorial periods
3. Skill development:	Skill development is the need of the hour and college life is the right time to develop skills in the youth so that they settle well in life. The ultimate aim of any one is to earn money and lead a comfortable life. Our college started a certificate course in mushroom cultivation feeling its rising importance as a startup. 44 students enrolled for the course and learnt about the procedures to cultivate mushroom and protect them from various diseases. In the next session, a certificate course in open office (Apache) was started to provide basic knowledge of computer to the students.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	India has a rich culture and heritage and it becomes our duty to preserve it for future generations. In Our College, Punjabi is taught to the first year students as a subject. Teachers of other subjects also translate and discuss the topics in the mother tongue, Punjabi for better understanding and students interact in Punjabi. All the important days including mother tongue day are celebrated with full enthusiasm. The students are encouraged to read Punjabi literature to arouse their interest in Punjabi culture and heritage. The student participate in youth festival aimed at preserving the rich culture of Punjab.
5. Focus on Outcome based education (OBE):	Our college is affiliated to Panjab University, Chandigarh and the syllabus of different courses is decided by the university college follows and implements it as such. All the departments have well defined program outcomes and course outcomes. Program outcomes and course outcomes are also displayed on the institutional website to provide information to the students. Being a science college, the science students are duly informed about the



	outcomes of their programs of B.Sc. and M.Sc. and of various courses included in their program.
6. Distance education/online education:	Ours is a science college and as science is a practical subject so it is difficult to provide distance or online education to the students. As our college caters to the students of rural areas, where there is network issue and it becomes difficult to provide online education. Although the students are given information about the various online platforms like Swayam, Moocs etc. to help them in getting online information. However, our college made every arrangement to conduct online classes successfully during the pandemic. Many faculty development programs were conducted to update faculty members to conduct online classes through various apps. The infrastructural requirements were fulfilled for smooth conduct of online classes. Many teachers created their you tube channels to complete their syllabus and to provide the course content to the students.

### Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, Electoral Literacy club has duly been formed to create awareness among the students regarding voting process
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The college appoints one nodal officer , one student coordinator and student members to sensitize students about their electoral rights.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Electoral literacy club takes various initiatives to motivate the students and to familiarize them with the electoral process. Voter Chetna day, lectures, speech competitions , session about EVM and VVPAT and poster making are organized for the students.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content,	Socially relevant activities include voter chetna camp and lectures in this regard .

<p>publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>Effort is made to make votes of all the eligible students who have attained the age of 18 years. The newly admitted student's votes will be made in the due course of time</p>

## Extended Profile

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### 1 Students

#### 1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
505	547	592	518	597

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 34

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
22	19	24	29	27

### 3 Institution

#### 3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
117.50384	56.90582	33.65619	104.85461	121.80917

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1

**The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**Response:**

The college is affiliated to Punjab University, Chandigarh and the curriculum is framed by the university. The college implements it as such. However, the teachers can send their suggestions to the members of the Board of Studies in this regard.

1. The university prepares the academic calendar and college adheres to that during the academic session. The academic calendar is incorporated in the prospectus and also displayed on the official website of the institution.
2. The time table is prepared in the beginning of the session. The same is then displayed on the notice board for information of students and is also circulated among the teachers for the proper implementation.
3. The teachers of various departments prepare the detailed schedule of topics/lectures to be delivered in class in advance for the timely, systematically and effective completion of the syllabus.
4. Assignments are given to students to improve their reasoning, writing skills and develop problem-solving skills.
5. The teachers conduct the class tests from time to time. These tests help the students to prepare for their course work in time.
6. While making the schedule of work, all the departments consult the academic calendar as given by the university for that particular session. The schedule of work is prepared in such a way that the curriculum gets completed in specified days (approx.90 days, well in time) and revision tests and evaluation work also goes on smoothly. The teachers make a schedule of continuous evaluation of students, plan the assignments and class tests in advance. The teachers analyze the performance of the students from the class tests and discussions. In this way, they recognize the fast and slow learners. They adopt various techniques to bring them at par with other students. The students are also given assignments/seminars to enhance in-depth knowledge of the subject and to enhance their learning experience/reasoning ability. The students are also informed about the criteria of evaluation and internal assessment. So that, they are also mentally prepared for the same. Student can approach teachers in free lectures to clear their doubts. The teachers are instructed to complete the syllabus in the allotted time frame. They are encouraged to use projectors, online platforms for better understanding of the concepts. For the better dissemination of knowledge to students and for making teaching and learning more interesting, 8 classrooms are having projectors. Apart from classrooms, laboratories are also equipped with projectors and wi-fi connection. The college has a virtual classroom also.
7. Fully computerized library is available to both students and teachers to enhance their knowledge. Guidelines regarding syllabus and previous years university question papers are made

available to the students in the library

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1

**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

**Response:**

File Description	Document
List of students and the attendance sheet for the above mentioned programs	<a href="#">View Document</a>
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Evidence of course completion, like course completion certificate etc. Apart from the above:	<a href="#">View Document</a>

### Other Upload Files

1	<a href="#">View Document</a>
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### 1.2.2

***Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years***

**Response:**

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
16	44	0	0	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

### 1.3.1

*Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum*

#### Response:

To achieve the mission of the college that is transcend to rise above limits, the students are taught basic ethics like obedience, truthfulness, honesty, objectivity etc.

**1. Professional ethics:** Professional ethics is one of the many virtues that a college student must inculcate as students will soon step into the professional life after college. Assembly is organised at the inauguration of the session to communicate the code of ethics to staff and students. In our college, professional ethics are taught to students as part of their holistic development. Students attend the tutorial groups in which they imbibe human values which are integral part of professional ethics. During their lab sessions, students learn qualities like teamwork, obedience, cooperation spontaneously. Apart from these curricular activities, students infuse ethical values from co-curricular activities. Induction programme is organised at the inauguration of the session to communicate the code of ethics to staff and students.

**1. Gender equality:** The college is a co-ed college so it itself provides equal opportunities to girls well as boys. In our college, girls outnumber boys in every course, but still college ensures equal participation of boys in every event. Besides this girl students along with female staff are part of women forum which is formed every year. This forum creates awareness among girl students by organising various activities like seminars to enhance the overall personality of the students. Students get knowledge about protection laws under Part III 'Violence against women and children' of subject 'Environmental studies and Road safety rules, that are taught to BSc I as compulsory subject.

**2. Human values:** The tutorial groups are formed in the beginning of the session. Each teacher is allotted a group of 25-30 students. During the tutorials, the teachers discuss their problems and

also encourage students to develop human values like equality, tolerance, patience, obedience, punctuality. In the practical session, we form teams to perform practical which enhance the quality of cooperation and team work in the students. During the language subjects, students learn moral values from the literature.

**4. Environment and sustainability:** The college campus is home to many species of flora and fauna. College campus has lavish botanical garden and trees are planted according to Bentham and Hooker system of classification and one micro-forest. There is a vermicomposting unit in our campus that provides knowledge regarding biodegradation of waste. Solar panels are also installed in our college. There is zero runoff water. College sets a real time example of environmental sustainability for the students. Apart from this, the students of M.Sc. Botany go on various field trips where they can learn to connect with nature. Also students of Botany prepare herbariums which give them an opportunity to understand and study flora. The curriculum of B.Sc. contain references to concept of environmental degradation, climate change, global resources depletion, conservation of natural resources and ecology. Every year, Department of Botany organises plantation drive, in which students and staff participate with enthusiasm for maintenance of green belt.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 1.3.2

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

**Response:**

**1.3.2.1 Number of students undertaking project work/field work / internships**

Response: 17

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

### 1.4.1

*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website*



**Response:**

<b>File Description</b>	<b>Document</b>
Feedback analysis report submitted to appropriate bodies	<a href="#">View Document</a>
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	<a href="#">View Document</a>
Action taken report on the feedback analysis	<a href="#">View Document</a>
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1

##### Enrolment percentage

##### Response:

##### 2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
505	547	592	518	597

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

2022-23	2021-22	2020-21	2019-20	2018-19
880	880	880	880	880

##### File Description

##### Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

#### 2.1.2

*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

##### Response:

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
334	326	341	284	292

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

2022-23	2021-22	2020-21	2019-20	2018-19
422	422	422	422	422

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	<a href="#">View Document</a>
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule ( Translated copy in English to be provided as applicable)	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

### 2.2.1

**Student – Full time Teacher Ratio  
(Data for the latest completed academic year)**

**Response:**

## 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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process**

**Response:**

The college follows a student centric approach for the all round development of the students. While making any policy or taking any decision, the college authorities take into consideration the best interests of the students. Along with the class room teaching, emphasis is laid on experiments which give a platform to the students for learning and being in touch with the real world.

### **Project Work:**

Different minor projects are given to the students of M.Sc Chemistry and M.Sc Botany to inculcate the research aptitude. The project work helps the students in developing logical thinking, analytical skills and inculcate the habit of innovation in them.

### **Interactive method :**

The students are encouraged to participate in group discussions, quizzes, discussions, debates, PPT competitions etc. Various topics are covered under these interactive methods. Teachers make classes interactive and encourage innovative thoughts. Audio- visual methodology, Google Classroom, Industrial Visits, field work and projects are some of the means adopted by various departments to provide experiential and participative learning.

### **ICT enabled methods :**

ICT enabled methods of teaching include use of smart classrooms, computer labs etc. to make teaching and learning more effective and interesting for the students. The infra-structure of the college includes 9 class rooms of which 7 have been converted into smart class rooms, 11 well equipped laboratories, computer lab, The total number of laboratories in college are 11 and 2 are under construction. 7 out of 11 laboratories are equipped with projectors and LAN connection.

### **Experiential learning:**

The students are taken on the educational tours to the zoo to learn about animals through observation along with reading about them. Post Graduate students of botany visit Mussorie, Dehradun etc to collect different flora and to study them. Different departments organised workshops to provide an opportunity for experiential learning to the students.

### **Participative learning :**

The students are given an opportunity to draw diagrams, solve questions on the blackboard to boost their morale and confidence and students get prepared for theory and practical subjects. Students present seminars in front of the entire class which help them to overcome stage fear and develop oratory skills.

**Seminars/Webinars/Workshops**

The seminars/ webinars/workshops are organized for the students to have better understanding of the concepts. The renowned scientists are invited on such occasions to provide opportunity to the students to interact with them and develop their interest towards research.

**Problem solving methodologies:**

The problem is identified, potential solutions are generated, implemented and monitored simultaneously. The teachers are available in their free periods to clear the doubts of the students. Doubt discussion encourages the students to clarify their doubts immediately without affecting the performance by ensuring firm hold on the fundamentals of the subject. Online platforms like recorded lectures on YouTube by faculty help the weaker students to go through those lectures many times for the clarity of the concept. Recorded lectures allow the students to access the learning material at a time of their convenience in case if they miss any lectures.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**2.4 Teacher Profile and Quality****2.4.1****Percentage of full-time teachers against sanctioned posts during the last five years****Response:****2.4.1.1 Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
42	39	39	39	39

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 2.4.2

*Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)*

### Response:

**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
10	7	9	10	8

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	<a href="#">View Document</a>
Institution data in the prescribed format	<a href="#">View Document</a>
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1

**Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient**

### Response:

The institution follows guidelines issued by Panjab University for internal assessment in theory as well as in practicals from time to time. The students are informed about the weightage of each parameter of the Internal Assessment in the Assembly. The college uses the formative and summative evaluation approaches to measure student's achievement for the internal assessment.

**Formative Approaches:** Attendance record, classroom interactions, seminars, assignments, project work, field visit and laboratory sessions.

**Summative Approaches:** Mid Semester Tests

College Registrar office prepares the Date Sheet for conducting MSTs which is then displayed on the notice board. All the subject teachers are asked to submit the question papers to the Registrar. Mid semester tests are conducted according to the date sheet by arranging proper seating plans and attendance is recorded. Then the answer sheets are evaluated by the teachers and shown to the students so that they come to know about their mistakes and get their doubts clarified from their teachers. After the evaluation of answer sheets, award lists of all the subjects are prepared and submitted to the College Registrar.

The internal assessment is displayed on the notice board for the information of students. The college ensures full transparency in the process of evaluation and internal assessment so that they can learn from their mistakes and improve upon their performance in the future examinations.

End Semester Exams are conducted by the Panjab University, Chandigarh and the college provides necessary infrastructure and staff for smooth conduction of exams.

## **GRIEVANCE REDRESSAL SYSTEM**

Grievance Redressal Committee has duly been constituted to deal with all grievances including the ones related with examination. Students register their complaints, then the complaints are verified and time-bound appropriate actions are taken by the grievance redressal committee.

- At the college level, in case any student is not able to appear in mid semester examination due to medical or any genuine reason, the student is provided opportunity to appear in the re-examination, provided he/she submits application with proper documents.
- If any student scores less marks and wants to improve in that subject, he/she can appear in the rescheduled examination.
- Any correction in the total of marks as identified by the students is immediately done by the faculty members.
- At the university level, with reference to evaluation if the student scores less marks than expected, then there is a provision of Re-evaluation of the final results after paying the prescribed fee.

In this way, the college ensures full transparency in the mechanism of internal/external assessment and in case of any grievance, the grievance redressal committee solves it in time-bound and efficient manner.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

### 2.6.1

*Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website*

#### Response:

#### Chemistry

- Understand the atomic structure, behavior and interactions between matter and energy at both the atomic and molecular level.
- the Periodic properties
- Chemistry of noble gases, s block elements, p block elements etc.
- Structure & bonding of organic compounds and mechanism of organic reactions
- Stereochemistry of organic compounds
- nomenclature, synthesis, physical and chemical properties of organic compounds
- Learn about Gaseous States, Colloidal State, Solutions, dilute solutions and colligative properties.
- Mathematical concepts and evaluation of analytical data.
- Kinetic aspects of chemical reactions.
- Thermodynamics etc.

#### PHYSICS

1. To understand basic concepts of solid state physics, Mechanics and Vibration and waves.
2. To acquire knowledge in the content areas of nuclear and particle physics



3. To understand how statistics of the microscopic world can be used to explain the thermal features of the macroscopic world.
4. To be able to use thermal and statistical principles in a wide range of applications.
5. To understand how major concepts developed and changed over time and enlighten students with the various applications of electronics in modern era.
6. To enhance the practical skills of the students by the utilization of their theoretical knowledge of Electronics, Solid state physics, Nuclear physics, Optics in various practical and real time experiments.

## **BIOCHEMISTRY**

1. It will be able to demonstrate an understanding of fundamental biochemical principles such as the structure and function of biomolecules, metabolic pathways and the regulation of biochemical processes.
2. It will gain proficiency in basic lab techniques in both chemistry and biology and be able to apply the scientific method to the process of experimentation and hypothesis testing.

## **ZOOLOGY**

- The graduates learn the basic concept of preservation and management of animal kingdom and hence, play an important responsibility in conservation and regulation of the present day environment.
- Zoologists are also hired by Zoos , Wild Life Services, Zoological Gardens , Conservation Organizations, National Parks , Nature Reserves, Universities , Laboratories, Aquariums, Animal Clinics, Fisheries And Aqua Culture Department , Museum , Research Institutions , Pharmaceutical Companies , Veterinary Hospitals etc.

## **MATHEMATICS**

- Mathematics can be applied for problems occurring in different fields of science and engineering.
- Mathematics at Master's level.
- Apply mathematics for solving transportation problems, assignment problems and some physical problems involving differential equations, transforms, vector calculus etc.

- take up jobs that require sound knowledge in Mathematics in different private and public sectors.

#### Botany

- Identify major groups of plants and compare the characteristics of lower (non-vascular) and higher (spermatophytes) plants.
- To understand the importance of Plant diversity and genetic diversity on the earth.
- Explain various plant processes and functions.
- The concept of hierarchy in systematic Botany.
- Understand the concept of heredity and variation
- Understand adaptation, development and behaviour of different forms of life.
- Understand the interaction of life on earth and tracing the energy pyramids through nutrient flow

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 2.6.2

*Attainment of POs and COs are evaluated.*

**Explain with evidence in a maximum of 500 words**

**Response:**

#### **ATTAINMENT OF POs AND COs**

1. This course forms the base of science. After the completion of this course , the students have the option to go for higher studies i.e. M.Sc. &then do research work in their respective fields.
2. Students have the option to join Indian Civil Services UPSC , CSE as IAS,IFS, IPS, SSC & PCS after passing competitive exams.
3. This course also offers opportunities for serving in Indian Army, Indian Navy, Indian Air Force as

officers.

4. After the completion of the B.Sc./M.Sc. degree, the students are recruited directly by reputed Multi National Companies in related fields.

5. After M.Sc. , students can join as scientist/ Ph.D. and can even look for professional job oriented courses.

6. Students can also get jobs in Marketing, Business, teaching jobs in Govt. & private schools and various coaching centres.

7. Science graduates can also be recruited in the banks at Probationary and clerical cadre posts.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 2.6.3

#### Pass percentage of Students during last five years (excluding backlog students)

##### Response:

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

2022-23	2021-22	2020-21	2019-20	2018-19
148	129	184	155	201

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

2022-23	2021-22	2020-21	2019-20	2018-19
212	155	184	155	219

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format	<a href="#">View Document</a>
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	<a href="#">View Document</a>
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1

**Online student satisfaction survey regarding teaching learning process**

**Response:**

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll as per data template	<a href="#">View Document</a>

## 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 in the institution during the last five years (INR in Lakhs)*

**Response:**

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

#### 3.2.1

**Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident**

**Response:**

**Introduction:** Sanmati Government College of Science Education and Research, Jagraon, is a leading institution that has proactively fostered an ecosystem for innovation and knowledge transfer. As a Science College, its primary focus is on nurturing scientific aptitude among students. To achieve this goal, the college conducts various programs, workshops, seminars, and educational tours to expose students to the latest developments in the scientific field. Additionally, teachers collaborate with students on assignments and presentations to enhance their logical reasoning and confidence. The college also provides hands-on training through well-equipped labs.

**Science Fiesta:** One of the notable initiatives at the college is the Science Fiesta, which has been running since 2016. This popular science program aims to promote scientific temperament, research aptitude, and creative thinking among students. The event attracts participants from nearby and far-off colleges who engage in various competitions and events to showcase their scientific talents.

**Adapting to the Pandemic:** Despite the challenges posed by the pandemic, the institution remained

dedicated to its innovative endeavors. Activities were swiftly moved online, ensuring students' continuous learning and participation in various events. The college's commitment to innovation and knowledge transfer remained unwavering.

**Environment Conservation:** The institution is committed to creating a conducive environment for students to nurture their capabilities for innovation. A key aspect of this commitment is creating a sustainable, pollution-free campus. To achieve this, the college has organized multiple plantation drives in collaboration with various organizations. A remarkable feat is the planting of 11,000 native species and 4500 plants by the forest department. The postgraduate department of botany took the lead in creating a micro-forest and Nanak Bagichi, providing valuable insights into forestry to the students.

**Outdoor Classroom and Micro Forest:** In May 2022, the college took a significant step by creating an outdoor classroom. This unique learning space offers students an opportunity to engage with nature while broadening their knowledge in a serene and inspiring setting.

Moreover, the establishment of a micro-forest in 2021 is another praiseworthy initiative that significantly contributes to students' holistic development.

**Empowering the Needy:** In line with its commitment to inclusivity, the institution actively supports economically disadvantaged students. By providing free books from the library, the college ensures that these students have access to the necessary educational resources. This effort helps empower students and ensures that quality education is accessible to all, irrespective of their financial background.

**Conclusion:** Sanmati Government College of Science Education and Research, Jagraon, stands as a beacon of innovation and knowledge transfer in the field of science education. Through various programs, competitions, and initiatives like Science Fiesta, the institution fosters scientific aptitude, logical reasoning, and research interest among students. The college's dedication to creating a pollution-free environment, as evidenced by the plantation drives and micro-forest, showcases its commitment to holistic development. By continuously expanding its innovation ecosystem, the institution is poised to leave a lasting impact on its students and the society they serve.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.2.2

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

**Response:**

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	0	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

#### 3.3.1

**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

**Response:**

**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
2	4	1	1	0

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	<a href="#">View Document</a>
Link to re-directing to journal source-cite website in case of digital journals	<a href="#">View Document</a>
Links to the papers published in journals listed in UGC CARE list or	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 3.3.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	2	2	0	2

File Description	Document
List of chapter/book along with the links redirecting to the source website	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	<a href="#">View Document</a>

**3.4 Extension Activities****3.4.1****Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.****Response:**

## Introduction:

S. Govt. College of Science Education and Research, Jagraon, has been actively involved in various extension and outreach programmes over the last five years. These initiatives aim to engage students, faculty, and the local community in creating awareness and addressing societal issues such as Swachh Bharat, AIDS awareness, gender issues, environment conservation, and more. The college collaborates with NSS, NCC, industry partners, NGOs, and other agencies to organize these programmes.

## Overview of Activities:

The college has organized an impressive array of extension and outreach activities from 2018 to 2023. These activities span across various themes and have been conducted by different organizing units, agencies, and collaborating partners.

## 2018-2019:

In 2018, the college organized "Unity Day" under the NSS banner to promote unity and communal harmony. The NSS Camp held in January 2019 was aimed at fostering leadership skills and community



service among the students. Additionally, the college organized events like "Poster making on Voter Awareness Day," "Drug Awareness Camp," and "Road Safety Week" to raise awareness on vital issues.

2019-2020:

In 2019, the college continued its efforts with events such as "Science Fiesta" and "Women Day" to celebrate scientific accomplishments and empower women. Various NSS initiatives focused on themes like "Swachhta Pandrawara" and "Poshan Maah" were carried out to emphasize cleanliness and nutrition. The college also observed significant national events like "Rashtriya Ekta Diwas" and "Gandhi Jayanti."

2020-2021:

Amid the challenges of the COVID-19 pandemic, the college adapted its programmes to virtual platforms. Events like "International Yoga Day" and "Awareness about COVID Guidelines" were conducted online to promote physical and mental well-being during the pandemic. The college also actively participated in "Azadi Ka Amrit Mahotsav" to commemorate 75 years of India's independence.

2021-2022:

The college continued its efforts towards social awareness with programmes like "World Earth Day," "Cycle Rally on Bhagat Singh Jayanti," and "World Aids Day." Special emphasis was given to issues like drug abuse and plastic waste management through events such as "Say No to Drugs" and "Say No to Plastic."

2022-2023:

In the current academic year, the college continued to make a positive impact on society. Activities such as "Lecture on Climate Change," "Bird Day," and "Women Day" were organized to sensitize students and the community on environmental conservation and women's empowerment.

Collaborations and Impact:

The college's extension and outreach programmes have been successful due to collaborations with NSS, industry partners, NGOs, and other agencies.

Conclusion:

S. Govt. College of Science Education and Research, Jagraon, has demonstrated a strong commitment to social responsibility by actively engaging in extension and outreach programmes. These initiatives have allowed students to develop a broader perspective, empathy, and a sense of duty towards society. With continued efforts and collaborations, the college is poised to make a significant contribution to the betterment of the community and the nation at large.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.2

#### **Awards and recognitions received for extension activities from government / government recognised bodies**

##### **Response:**

Sanmati Government College of Science Education and Research, located in Jagraon, has consistently been actively engaged in various extension activities to contribute to society and promote awareness on important issues. This report highlights the awards and recognitions received by the college's faculty and students for their outstanding participation in extension events organized by government or government-recognized bodies.

##### **World Environment Day Awards**

On June 5, 2022, in observance of World Environment Day, the college faculty participated in various activities and received awards from the Mahatma Gandhi National Council of Rural Education (MGNCRE). Prof. Sarvarinder Kaur received recognition for her work on the "Greenery Report," while Prof. Dimple Parcha and Prof. Kulwinder Singh were acknowledged for their contributions to the "Outdoor Classroom" initiative.

##### **Punjab University and Heritage Festival**

During the Punjab University and Heritage Festival held from November 28 to December 2, 2021, students from Sanmati Government College excelled in various competitions. Khushi Jindal and Mehargurvir Singh secured the 2nd position in the "Quiz" category, while Mehargurvir Singh also clinched the 1st position in the "Essay Writing" competition. Neha stood 3rd in the "Handwriting" competition, and Prabhjot Kaur actively participated in the "Poem Recitation" event. Moreover, Kajal, Sukhpreet Kaur, Ravinder Kaur, and Muskan Bansal showcased their talents in various events and received participation certificates.

##### **Swachh Bharat Mission (Urban) Participation**

In September 2022, Sanmati Government College students actively participated in the Swachh Bharat Mission organized by the Municipal Council, Jagraon, under the Government of India. Pardeep Kumar, Jaskaran Singh, Rajwinder Singh, Ajay Kumar, and Tajinderpal Singh participated in the "Cleanliness Drive" and received recognition for their contributions.

##### **National Service Scheme (NSS) Grade A**

The National Service Scheme (NSS) is an integral part of Sanmati Government College, and several students were honored with Grade A certificates for their exceptional performance in NSS activities during the academic year 2022-23. The names of the students who received the Grade A certificate are: Garima, Sakshi Kushwaha, Amanpreet Kaur, Parveen Kaur, Komalpreet Kaur, Mandeep Kaur, Gurleen Kaur, Liza, Navjot Kaur, Kirandeep Kaur, Amanjot Kaur, Karmandeep Kaur, Navneet Sharma, Arshdeep Kaur, Prince Verma, Jagjit Singh, Kamaljeet Kaur, Manjot Kaur, Lovepreet Kaur, Dapinder Kaur, Gurmeet Kaur, Renu Bala Sonali, Khushdeep Kaur, Prabhjot Kaur, Dolly Bansal, Rupinder Kaur, Sukhpreet Kaur, Nabhdeep Kaur, Simbaljit Kaur, Ishita, Sukhleen Kaur, Manpreet Kaur, Sahil and others.

#### Youth Festival Participations

The college's students actively participated in the Youth Festival, showcasing their talents in different categories. Liza participated in "Rangoli," Akashdeep Singh showcased his skills in "Cartooning," Simranjit Kaur in "Giddha," Priya Sharma in "Debate," Muskan Bansal in "Still Life Drawing," Gagandeep Kaur in "Mime," and Heena Garg in "On the Spot Painting."

#### Conclusion

Sanmati Government College of Science Education and Research, Jagraon, has received numerous accolades and recognitions for its active participation and exceptional performances in various extension activities. The awards received from government and government-recognized bodies demonstrate the college's commitment to community engagement, environmental initiatives, and promoting cultural awareness. These achievements highlight the college's dedication to nurturing well-rounded students who contribute positively to society.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.3

*Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

#### Response:

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

2022-23	2021-22	2020-21	2019-20	2018-19
21	30	12	28	9

  

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 3.5 Collaboration

#### 3.5.1

*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

#### Response:

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	<a href="#">View Document</a>
List of year wise activities and exchange should be provided	<a href="#">View Document</a>
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

#### Response:

The college has a vast lush green campus area spread over 42 acres. The constructed area includes college building which is E shaped, College canteen, Girls hostel, Auditorium, RUSA Block. Our is a mono faculty college imparting education in science and runs UG and two PG programs.

#### Classrooms and ICT facility:

The total number of class rooms in college are 9+2( under construction). College has 7 classrooms with ICT enabled facilities like Projector, Podium, LCD screen, desktop PC, Black/Green Board and LAN connection out of these 3 classrooms have digital display panels

#### Laboratories:

The total number of laboratories in college are 11 and 2 are under construction.7 out of 11 laboratories are equipped with projectors and LAN connection.. All UG labs are equipped with required instruments and materials to provide hands on training to students. PG labs have latest instruments like MIPS, UV spectrophotometer etc. Botany department has a separate well-established museum and herbarium facility. Tissue culture lab in department of Botany provides students with hands on training. Tissue culture lab is equipped with Refrigerated centrifuge, Rotary shaker. Zoology and UG Botany labs also have MIPS system. Chemistry department is equipped with HPLC facility for staff and students. Physics lab has a dark room, Scintillation counter and GM counter.

#### Cultural Activities

The college has one auditorium hall established in 2008 for organizing various academic and cultural activities. Auditorium

has a total built up area of 1800sqft with seating capacity of 150. Auditorium is ICT enabled with projector of Globus brand, 10’x8’ fixed frame projection screen of Suvira, Multimedia

Podium, audio system with two wired and two wireless mikes, one collar mike, permanent platform and 3 split AC.

Newly constructed RUSA seminar hall with a seating capacity

of 250 is at the first floor of RUSA block. RUSA seminar hall has

builtup area of 1930sq.ft.. RUSA seminar hall has a permanent platform, 6 split AC, Audio system, Projector and Motorized Screen.

### Sports facilities

For the holistic growth of the students, sports facilities have been provided in the college. There are two playgrounds, one having 400m. athletic track and other is a football/Volleyball ground. College has adequate Sports equipment’s like short put, football, basketball, Volleyball, badminton rackets etc.

Indoor game facilities available in the college are table tennis, carom, Chess, badminton, skipping rope etc. College organizes annual athletic meet to provide opportunity to students to showcase their talent in games and develop their interest towards physical fitness.

### Gymnasium:

Gymnasium facility is provided in the girls hostel and in campus. The basic fitness equipment like Treadmill, mini-walker, Manual treadmill, Exercise Cycle, dumbbell, Ab-crunch, skipping rope are available in gymnasium.

**Solar System:** Clean environment is today's necessity so that everyone can breathe in fresh air. College has installed 25 KVA solar power plant to harness the energy of sun. college is providing this energy to Punjab State Power Corporation Ltd. In this way we are energy surplus college.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**4.1.2**

***Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years***

**Response:**

**4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
33.24	10.88	1.67	28.18	84.74

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**4.2 Library as a Learning Resource****4.2.1**

***Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students***

**Response:**

College has a Sir C.V. Raman spacious well ventilated and well lit main library and 4 departments (Botany, Zoology, Chemistry and Physics) have their own departmental libraries. Main library is partially automated by the college itself. There are approximately 18017 books in the libraries. College provides book loan facilities to students with poor financial background for the full academic session. Students are issued books from the departmental libraries and a register is maintained by each departmental library in this regard.

Total area of main library is 2028 sqft.

Total seating capacity – 50.

Library has a reading desk on which newspapers are displayed daily.

Library have main reading hall and attached UGC cum browsing centre for e- resources, subscription through NLIST. Students and teachers are provided with username to access e-resources.

Library is Air Conditioned.

Necessary sign boards are displayed at different places and sections of library to guide the users.

CCTV cameras are installed in library.

Name of ILMS software – KOHA ILMS (22.11)

Nature of automation (fully or partially) - Fully

Year	Existing books	Newly added	Existing Journal	New	Reference books	New books	Ref
2018-19	16806	403	25		431		
2019-20	17209	10	25		431		
2020-21	17219	102	25		431		
2021-22	17321		25		431		
2022-23	17321	696	22	2	431		

Amount spent on purchase of books

YEAR	AMOUNT in lakhs
2018-2019	1.17
2019-2020	0.067
2020-2021	0.55
2021-2022	-
2022-23	2.57

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>



### 4.3 IT Infrastructure

#### 4.3.1

**Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection**

*Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

**Response:**

The College has a well-established mechanism for upgrading and deploying Information technology infrastructure. College regularly maintaining the IT infrastructure and as per the requirement update/upgrade/repair the IT and Wi-Fi infrastructure. Previously college was dealing with dial up and lease line system but due to some problems, college has upgraded the internet connection from 1 connection of 2 mbps internet leased line to 4 internet connection of 100 mbps (3) and 50 mbps (1) bandwidths. College has in all 61 desktop PC of different make of latest configuration. These are regularly inspected by professional and repaired or updated whenever needed. The college has upgraded from Pentium IV single core to i5 processor. The college campus is Wi-Fi enabled, with LAN connection laid down in all class rooms, seminar hall and laboratories to provide uninterrupted browsing. 16 projectors are fixed in 7 classrooms, 7 laboratories and 2 seminar hall. 7 classrooms, 7 laboratories and seminar hall are ICT enabled. There are 4 all in one laser printer in office and one each in Physics, Chemistry and Botany HOD rooms. Departmental store are upgraded by providing one desktop Pc and one all in one printer to each department of Botany, Zoology, Chemistry and Physics. 22 CCTV cameras are installed college building and 16 CCTV cameras in girls hostel to check security and safety of girls and college.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 4.3.2

**Student – Computer ratio (Data for the latest completed academic year)**

**Response:**

**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 33

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	<a href="#">View Document</a>
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1

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

##### Response:

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)

2022-23	2021-22	2020-21	2019-20	2018-19
23.34	2.77	4.6	10.98	27.68

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1

*Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years*

**Response:**

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
180	151	98	96	89

#### File Description

#### Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

#### 5.1.2

*Following capacity development and skills enhancement activities are organised for improving students' capability*

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

**Response:**

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	<a href="#">View Document</a>
Report with photographs on ICT/computing skills enhancement programs	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.1.3

**Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

**Response:**

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

2022-23	2021-22	2020-21	2019-20	2018-19
12	15	3	6	18

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.1.4

*The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases*

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

**Response:**

<b>File Description</b>	<b>Document</b>
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	<a href="#">View Document</a>
Proof related to Mechanisms for submission of online/offline students' grievances	<a href="#">View Document</a>
Proof for Implementation of guidelines of statutory/regulatory bodies	<a href="#">View Document</a>
Details of statutory/regulatory Committees (to be notified in institutional website also)	<a href="#">View Document</a>
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1

**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

**Response:**

**5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	25	21	9	10

**5.2.1.2 Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
212	158	186	157	221

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	<a href="#">View Document</a>
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.2.2

*Percentage of students qualifying in state/national/ international level examinations during the last five years*

**Response:**

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	3	2	5	3

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.3 Student Participation and Activities

### 5.3.1

**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) during the last five years**

**Response:**

**5.3.1.1 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 wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	1	0	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
list and links to e-copies of award letters and certificates	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.3.2**

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

**Response:**

**5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
3	3	5	4	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**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:**

Yes, the college has an Alumni Association which is a registered body under Societies Registration Act. Our distinguished and well placed alumni are always willing to contribute for their alma mater-monetarily as well as by providing motivation and guidance to students for their better prospects in life.

Our worthy alumni provided monetary help (Rs. 1,32,200/-) from the alumni fund for the flooring of the lecture theatres in new block. The alumni fund is also used to provide scholarships to some of our needy students.

- ‘Soni Scholarship ‘is given every year to the meritorious but economically weak UG/PG students under the aegis of Mr. Ajay Soni, our distinguished alumnus from England. Currently 11 students are getting this scholarship @ Rs. 16, 062/- which includes their college as well as examination fee. Other alumni helping our students with their fee are-
- Prof. Jassal (Alumnus as well as retired Director of our college) donated Rs. 5000/-
- Mr. Rohit Kumar donated Rs. 11,000/-
- Mr. K.K. Goel donated Rs. 10,000/-
- In November 2019, 12 students received Rs. 5000/- each while another student was given Rs. 4000/- from the alumnus fund.

An initiative was taken by Mr. Manjinder Singh Gill, our alumina working as Assistant Professor at NIPER, Mohali to provide hands-on training to our M.Sc. Chemistry students and staff. 16 students accompanied by Ms. Sonia Sharma were provided this training during 2018-19. To ensure continuous water availability to the college campus, Professor Jagdev Singh - our distinguished alumnus as well as retired faculty from Physics department- got a motor installed in the college.

Dr. Darling, an oncologist and an alumnus of the college, donated Rs. 8 lacs for the micro forest developed in the college campus.

Dr. Manmohan Singh, an IAS officer and Dr. Hari Singh, a renowned gynaecologist in Jagraon are also a part of our alumni society and have always extended support for the college and its students whenever required.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>



## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1

*The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

#### **Response:**

For the participative management, decentralization and governance the college Director in consultation with IQAC forms various committees comprising of teachers, non-teaching staff and students as well. Few committees are as :

- ? House/University examination committee managed by registrar.
- ? Financial matters supervised by college Bursar.
- ? Admission committee .
- ? NAAC , STARcollege ,RUSA and UGC committee.
- ? Youth and Cultural program committee .
- ? RTI and court case committee.
- ? Press and publication committee.
- ? Scholarship and Financial aid committee.
- ? Hostel committee.
- ? College council.
- ? Students council.
- ? Anti ragging committee, Grievance redressal and sexual harassment committees.

Every committee has the freedom to individually prepare their plans and also to decide its implementation strategies for the welfare of students. A report of undertaken work is prepared by each committee at the end of every academic year.

**Vision and mission of the institute are well in tune with the objectives of higher education. It is**

**reflected through the following programmes and activities:**

Various extension lectures & Trips are organized to develop practical as well as analytical ability among students. To develop feeling of social responsibility, students are encouraged to participate in various community services as through Red cross club, Anti narcotic club, NSS & various sports activities.

To maintain discipline as well as unity among students, they are encouraged to cooperate with each other & participate in various events as Swacch Bharat Abhiyan, National Voter day, , Buddy groups, Maat Bhasha Diwas, Cycle Rally. Students are also encouraged to celebrate various festivals as well as important days such as Lohri, Diwali, Yoga Day, Voter Day , Teej to preserve culture and heritage of India.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.2 Strategy Development and Deployment****6.2.1**

*The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc*

**Response:**

The institution has framed many committees for effective and efficient functioning.

All the important decisions of the college are taken collectively by the Director and the members of respective committees in the meetings held.

**The various policies for effective functioning are as under:****Admission of students**

? Students are admitted in UG courses purely on the basis of merit.

? Students of PG courses are admitted on the basis of combination of Entrance tests conducted by Punjab University Chandigarh and their academic record.

? Admission committee are constituted of teaching staff that look after the entire admission process.

**Hostel**

? Admission to hostel is subjected to merit of the candidate and distance of home town from the college.

? The hostel is administered by the Warden in consultation with the Director of the college

? The committees consisting of students like Discipline committee, Cleanliness committee, Mess committee, Attendance committee and Medicine committee helps in proper functioning of hostel.

### **Proctorial Duties**

The teachers are assigned various Proctorial duties to maintain the discipline in the college. The teachers take round of the college during their free period to check any nuisance by student.

### **Administrative setup**

The college ensures efficient governance and management of college functioning through this administrative setup:

? College Director : Directs its smooth functioning.

? Registrar : Evaluate the academic process.

? College Council: Provides an opportunity for all teaching staff to participate in college related decisions.

? Bursar : Incharge of college's finances.

Besides this infrastructure i.e.laboratory infrastructure,computers and software packages,college website,all these are get updated from time to time.

### **Appointment rules**

- The Permanent faculty is recruited by PPSC as per eligibility conditions laid down by UGC.
- Part-time/Guest faculty / Resource persons are working as per the guidelines laid down by the Govt. of Punjab /DPI (colleges),Punjab.
- The campus incharge hires the labour as per the requirement on DC rates.

Service terms and conditions of working employee in the institution are governed by Punjab civil services rules.

### **Deployment of Institutional development**

## Teaching and learning

- In addition to the Chalk and Talk method of teaching ,modern means of teaching have been introduced.
- Teaching through PPTs ,MIPS, Smart classroom to make teaching interesting and effective.
- Generation of SOPs and lab manuals for the students.
- Extension lectures by visiting faculty.
- Participation of students in seminars/workshops/symposia and conferences.
- Participation of students in group discussion.
- Feedback from students is taken which help to improve classroom teaching in the future.

## Examination and Evaluation

House/University examination and evaluation is managed by registrar committee:

- UG students are evaluated through monthly tests.
- They are also evaluated on the basis of house test, assignments, seminar presentation, project work and attendance in internal assessment.
- PG students are evaluated through class test,group discussion, seminar presentation and attendance.
- Final evaluation of students is made by the university examinations.

## Institutional strategy : Industry interaction/collaboration

The college has career counselling and Placement Cell which do the following function for students welfare:

- ? Prepare students for successful career and make them employable.
- ? Helps in Interaction with the industry by way of representatives from the industry are organized from time to time.
- ? Plan to develop formal collaboration with some industries in the future.

IOL pharmaceutical, WIPRO pharmaceutical, and WERBIC pharmaceutical industry conducted campus placement drive and hired the students from our college.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Institutional perspective Plan and deployment documents on the website	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.2.2

***Institution implements e-governance in its operations***

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

**Response:**

<b>File Description</b>	<b>Document</b>
Screen shots of user interfaces of each module reflecting the name of the HEI	<a href="#">View Document</a>
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	<a href="#">View Document</a>
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	<a href="#">View Document</a>

**6.3 Faculty Empowerment Strategies****6.3.1**

**The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression**

**Response:**

The college is committed to the larger well being for all its employees be it teaching or non-teaching staff. The institution has implemented a variety of following measures:

? Maternity leave

? Medical leave

? loan against PF, GIS Insurance

? Gratuity pension scheme

? Encashment leave to teaching and non teaching staff .

? There is a provision for Duty leave for attending meetings, seminars, workshops and conferences for the purpose of professional development.

? Other facilities are also available like comfortable and congenial environment, Wi-Fi campus and girls hostel for female staff.

? Self Appraisal is the most methodical way of evaluating the performance of the employees.

? The ACR is assessed by the director and grade is given.

? Career advancement opportunities are given by the higher authorities.

Analysis of students, feedback for teachers and from different stakeholder at the end of every academic year is also taken into consideration for assessment of the faculty.

?Analysis of students, feedback for teachers and from different stakeholders at the end of every academic year is also taken into consideration for assessment of the faculty.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 6.3.2

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

**Response:**

**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**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	1	3

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>

### 6.3.3

***Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years***

**Response:**

**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development**

**Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
13	1	7	1	1

**6.3.3.2 Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

<b>File Description</b>	<b>Document</b>
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the certificates of the program attended by teachers.	<a href="#">View Document</a>
Annual reports highlighting the programmes undertaken by the teachers	<a href="#">View Document</a>

**6.4 Financial Management and Resource Mobilization****6.4.1**

**Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)**

**Response:**

- The institution prepares a budgetary plan in the beginning of session and is sent to Higher department for approval.
- The college receive funds from government bodies as DBT under Star College scheme,RUSA and from non government bodies as Lok Sewa Society.
- The college committees comprising members of teaching and non teaching staff carries out due diligence before finalizing the vendor for specific purposes. Bursar checks bills and other relevant documents after these are duly verified and finalized by the office superintendent.

Major areas of allocation are as follows:-

- Salary to teaching and non teaching staff.
- Infrastructure augmentation.
- Academic support facilities.
- Building and campus maintenance.
- Development of college.
- Cultural and sports meet.
- Electricity and generator expenses.
- NSS camp are arranged during vacations
- **Utilization of resources:** The college has a college council which supervises the preparation,division,allocation and utilization of funds.They decide the policy and procedure for purchasing any item .Each item is purchased by comparing a minimum of three quotations received from different vendors. For each and every financial transaction proper permission is taken from Director of college.
- College conducts external and internal financial audits regularly. An audit is systematic and independent examination of documents,vouchers and account books of college to ascertain how the financial statement,as well as records, presents in a true and fair manner. External audit of PTA fund, grants under the star college scheme and UGC grants are done by chartered accountant. Internal audit of PTA is done by Parents in the general house meeting of PTA .

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

#### Response:

yes, (IQAC) has contributed significantly for taking measures for quality assurance.

- In addition to chalk and talk method of teaching, modern means of teaching have been introduced.
- Teaching through PPTs, MIPS.
- Smart classrooms to make teaching still more interesting and effective.
- The internet facility has been provided to all the departments.
- Extensive use of internet downloading of study material by both teachers and students



- Generation of SOPs and lab manuals for students.
- Participation of students in seminars/workshops/symposia and conferences .
- Participation of students in group discussions in classes.
- Assignments.
- Feedback from students is taken which helps to improve the classroom teaching in future.
- Departmental level seminar for enhancing their analytical power and knowledge.

IQAC regularly reviews the teaching learning process and takes required steps for incremental improvement.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 6.5.2

**Quality assurance initiatives of the institution include:**

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2.Academic and Administrative Audit (AAA) and follow-up action taken**
- 3.Collaborative quality initiatives with other institution(s)**
- 4.Participation in NIRF and other recognized rankings**
- 5.Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

**Response:**

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	<a href="#">View Document</a>
NIRF report, AAA report and details on follow up actions	<a href="#">View Document</a>
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	<a href="#">View Document</a>
Link to Minute of IQAC meetings, hosted on HEI website	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1

**Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.**

*Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words*

#### **Response:**

#### **Annual gender sensitization**

College IQAC in collaboration with various departments/clubs regularly organizes Women's Day, Women's Health Day, Webinars/Seminars, Talks, Lectures/Competitions, to sensitize students about the need for Gender Equality in society.

The college provides Maternity/child-care leave to Female employees. Glass pane in classrooms/laboratories are kept at Eye Level, doors are kept half open to aid in transparency. College is provided with Round-the-clock Security-Personnel at the main gate. Precise record of vehicles/visitors entering college is maintained. CCTV cameras with 32 Surveillance Points in college-campus, 11 Surveillance Points in the Girls-hostel. It is mandatory for hostellers to get photos of parents/visitors on the hostel I-card. Well-lit college campus. Students wear I-card in college. Suggestion/grievance boxes placed at strategic points in campus.

Proctorial duties assigned to teachers in free periods to ensure safety/security of girl students. Committees have been set up; Women-Forum, Discipline Committee, Students'-Council, Equal-Opportunity-Cell, Sexual-Harassment Prevention-Cell/Committee for gender equity.

Girls hostel provided with Round-the-clock-security-Personnel at main gate, three Sentry posts and two lady-helpers. Girls Hostel is equipped with Fire-Extinguisher. Regular counselling is provided to students individually or in groups throughout the year by tutors. Girls Common Room is provided with newspapers, magazines & indoor games: carrom-board, table-tennis. Exercise cycle, skipper, treadmill have been provided in Girl-hostel. First-Aid-Facility Sick-Room-Facility is available. College is having tie-up with local Maini hospital, Jagraon for providing treatment to hostellers. Internal-Grievance-Cell has been set up and put on website also. Female-washrooms have been provided with vending-machines, with free-disposable-sanitary-pads & Incinerators.

#### **Commemorative Days**

College celebrates several National/International commemorative-days, events/festivals every year International-Women's-Day, Independence-Day, Republic-Day, Gandhi-Jayanti, Earth-Day, Voter-Day, Ozone-Day. A Pledge ceremony is organized on "Rastriya-Ekta-Diwas". Following events took place during last-five-years.

### **Events of 2018-19**

Seminar on “Importance and protection of Ozone-layer”, Lecture on “Life and Teachings of Shri-Guru-Nanak-dev-ji” and “Shri-Guru-Nanak-Dev-Ji’s views about condition of Women” by Dr.SarbjitKaur was delivered.

### **Events of 2019-20**

Sadhbhawna-Diwas was celebrated on 20th August, birth-anniversary of Rajiv-Gandhi, to inculcate the feeling of peace, harmony and empathy among students. Seminar on “Gandhian-Philosophy” by Dr.MohinderSinghJassal was conducted.

### **Events 2020-21**

College celebrated 150th Birth-Anniversary of MahatmaGandhiJi, organized Slogan-writing/Poster-making competitions. To mark the “400th Birth Anniversary of Shri-Guru-Teg-Bahadur-Ji” college organized various cultural activities/ plantation drive. Lecture on GuruJi ‘s Life was organized. Sahaj-Path,Online-Quiz,Speech,Shlok-explanation an slogan-writing competition were organized. Oath taking ceremony was organized on ‘11th National-Voters-Day,and “Constitution-Day”.

### **Events 2021-22**

Online Webinar on “Azadi-ka-Amrit-Mahotsav” was conducted. Poster-making, poem-recitation, Slogan-writing competitions were organized. To promote “Fit–India-Movement”, college organized events under the themes “Run-For-Fitness”, “30-min-Ka-Dose-Adha-Ghanta-Roj”, “30-min-Fitness-Break&Exercise”. On the birth anniversary of Father-of-the-Nation “Fit –India-Movement” and “30-min-Run” were organized.

On the theme “Save-Mother-Earth”, a declamation-contest, speech/Poster making,Slogan-Competitions were organized. Webinar was conducted to celebrate “The-Constitution-Day”.Speech-Competition was held on topic “Swasth-Balak/Balika”. Oath-Taking-Ceremony on “12th-National-Voters-Day”“International-Punjabi-Maat-Bhasha-Diwas” and “Martyr’s-Day-of “Shaheed-Bhagat-Singh” was organized. Declamation competition was conducted on “World-Sibling-Day”. On “World-Earth-Day”, poster-making competition and Radio-talk by Miss AmeetRana on Janshakti-news-Channel was aired. Book-Exhibition On “World-Book-Day”, Seminar on “Cyber- Awareness-Day”, Lecture on “International-Women-Health-Day” was organized.

### **Events 2022-23**

On “Azadi-ka-Amrit-Mahotsav”, essayandslogan-writing compititions organized. On Voter-Diwas, seminar, poster-making and debate-competition organized. “Foundation day”, “Ak-Bharat-Shresth-Bharat” “International-Punjabi-Maat-Bhasha-Diwas” “Darwin-day” “Science-Day” and Biochemistry-Day was celebrated.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**7.1.2**

**The Institution has facilities and initiatives for**

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

**Response:**

File Description	Document
Policy document on the green campus/plastic free campus.	<a href="#">View Document</a>
Geo-tagged photographs/videos of the facilities.	<a href="#">View Document</a>
Circulars and report of activities for the implementation of the initiatives document	<a href="#">View Document</a>
Bills for the purchase of equipment's for the facilities created under this metric	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**7.1.3**

**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

- 1. Green audit / Environment audit**
- 2. Energy audit**
- 3. Clean and green campus initiatives**
- 4. Beyond the campus environmental promotion activities**

**Response:**

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	<a href="#">View Document</a>
Policy document on environment and energy usage Certificate from the auditing agency	<a href="#">View Document</a>
Green audit/environmental audit report from recognized bodies	<a href="#">View Document</a>
Certificates of the awards received from recognized agency (if any).	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

#### 7.1.4

**Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**

#### Response:

Ours is a science college and every effort is made to instill cultural, regional, linguistic values among students through various activities and programs as under:

#### Events 2018 -19

Awareness Rally on “Drug-De-addiction” and Nukkad-Natak on “Importance-of-Cleanliness” were organized. Lecture on “Myths-about- Dental-Health” was conducted. Yoga-camp was also organized for the benefit of the students. Seminar on “Gandhian-Philosophy” was delivered by Dr.ShailjaVerma. Lecture on “Life and Teachings of Shri-Guru-Nanak dev-ji” and “Shri-Guru-Nanak-Dev-Ji views about condition of Women” was delivered by Dr.SarbjotKaur.

#### Events 2019-20

Lecture on “Personality-Development according to Gurbani” was organized. A Seminar on “Gandhian-Philosophy” was delivered by Dr.MohinderSinghJassal. Information regarding “Poshan-Mah”, and “nutrition-month” was provided by Dr.RanbirKaur. A Summer-Training-Camp on “scientific-interest” was organized for the benefit of students. Besides, Van-Mahotsav,Sawachta-Pandarwada&Sadbhawana-Diwas have been celebrated. Buddy-program was launched to educate youth about the effects of drugs and generate positive-peer-influence. Investitur-ceremony of Women-forum,Speech-competition on Women-empowerment were organized.

#### Events 2020-21

College celebrated “400th-Birth-Anniversary-of-Shri-Guru-Teg-Bahadur-ji, and organized various cultural and plantation activities. Lecture on Guru Ji’s Life, Sukhmani sahib path, Slogan-writing, Speech, Online-Quiz and Shlok-explanation-Competition were organized. College also celebrated “Punjabi-Saptah”. Dr. V.K.Singh delivered a speech on topic “Punjabi-Sabhyachar” Enu-making, Folksongs, Essaywriting, Knitting, Phulkari, embroidery & Mehndi-Competition were also conducted to celebrate “Punjabi-Saptah”.

### **Events 2021-22**

Online quiz, Lecture on the topic "Life and philosophy of Guru Ji", Shlok Recitation Competition, Sukhmani Sahib Path, online lecture on Guru Ji ki Baani & Teachings” were organised. “Punjabi Maah”, Online Phulkari Competition, Teej Festival, Poster-Making Competition, Slogan-Writing, Oath-Taking-Ceremony “International-Punjabi-Maat-Bhasha Diwas”, cultural-Heritage-visit, Lohri-festivel, Open-Stage-Play on “Aakhir-Kadon-Tak “ were organised. Students Participated in Zonal Youth Festival Giddha, Knitting, Quiz, Khiddu-Making Muhavaredaar-Vartalaap competitions. Under “Ek Bharat Shresth Bharat”; dance forms of AndhraPardesh were showcased, Essay-Writing competition on “Hasda Punjab Mera Khaab”.

### **Events 2022-23**

Lecture on Mental health by Dr. Dilpreet Singh. Students Participated in various activities of Youth festival. International Yoga Day, Women-day and Bird-day was celebrated. Oath and poster making competition on “International Day of Non-violence” were organized.

### **Constitutional obligations**

Educational institution plays a significant role in making responsible citizens. Good education has power to ignite and develop minds but agenda of education is incomplete without making all aware about constitutional values, rights and duties.

### **Events 2018-19**

Voter-Chetna-Camp was organized to promote awareness about voting-rights and process. Seminar on “Importance-and-protection-of-Ozone-Layer” and “Awareness-about-Environment-and-its-Protection” were conducted. Pledge was taken on “Rashtrya-Ekta-Diwas”.

### **Events of 2019-20**

Pledge was taken on “Rashtrya-Ekta-Diwas”. Lecture on Traffic Rules by ASI Sukhdev Singh was delivered. Anti-Ragging Awareness programme was conducted. Lecture on “Legal-Rights-of-Women” in India was organized.

### **Events 2020-21**

On the birth anniversary of the Father of the Nation, college organized slogan writing competition on theme “Cast-your-Vote-Responsibly”. Moreover, poster making competition on “Vote-in-your-hand”, along with oath on “Rastriya-Ekta-Diwas” were organized. Online-webinar on “The-Constitution -Day”.

### Events 2021-22

On the birth anniversary of Father-of-the-Nation, “Fit –India-Movement” and “30-min.-Run” were organized. To commemorate 75th-Independence-Day, the college Staff participated in recitation of “Rashtriya-Gaan”. Webinar on “Azad- ka-Amrit-Mahotsav”, “Constitution-Day” and Oath on “Rashtriya-Ekta-Diwas”, “12th-National-Voter’s-Day” and Martyr’s-Day of “Shaheed-Bhagat-Singh” was organized.

On the theme “Save-Mother-Earth”, a declamation, speech, Poster-making, Slogan-Competitions were organized. A seminar on “Free-Legal-Aid” by Advocate KiranjeetKaur, SaritaRani, UmaBawa and ParveenMalhotra.

### Events 2022-2023

On “Azadi-ka-Amrit-Mahotsav”, essay&slogan-writing compititions organized. On Voter-Diwas, seminar, poster-making and debate-competition organized. “Ak-Bharat-Shresth-Bharat” and “International-Punjabi-Maat-Bhasha-Diwas” were celebrated.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 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:**

#### **(I) Development of Scientific Skills**

**Goal:** Our college was established in 1968 with a mission to impart quality Science-Education to rural/semi-urban-youth. To realize our mission, we have started the practice of inviting renowned personalities/scientists to nurture scientific aptitude among the students,orienting them towards research. This provides opportunities to explore avenues of research,develop research-related-skills.

**Context:** As our college caters to the needs of the rural/semi-urban-youth, this practice was highly desired. The semi-urban-youth need exposure to outer-modern-global-world. Feeling the need to provide them opportunities where they can get a chance to upgrade their knowledge, to inspire them by interacting with renowned personalities from prestigious institutions, this practice was initiated. This practice facilitates their academic growth and acquaints them with latest concepts, upgrades knowledge, facilitates academic growth.

**Practice:** Scientists from different fields are invited who enlighten the students with knowledge/experience. This helps in enriching knowledge & clearing doubts. Students are also taken to research institutes for practical demonstrations to expose them to variety of techniques being used in these institutes. College organizes extension lectures and trips to develop scientific aptitude in students.

### **During 2018-19**

Following Scientists were invited: Dr.DavinderMehta, Dr.S.S.Marwaha, Dr. CharanjitSingh, Prof.SusheelMittal, Dr.ArchanaChauhan, Dr.Jaswinder Singh, Dr.S.S.Hundal, Dr.ManjinderSingh, Dr.RichaPuri.

Our college organized Science-Fiesta on “COMMUNICATING-SCIENCE-FOR-ALL”. Intercollege and interschool competitions, Essay-Writing on “Science-Technology”, Poster-presentation on “Science-Technology”, Rangoli-making on “Renewable-Energy, Speech-Competition on Artificial-Intelligence and Effective-communication were organized.

Popular Lecture Series for school and college students was also organized.

### **During 2019-20**

Department of Chemistry organized a Lecture series on “X-Ray-Diffraction, Transmission-electron-microscopy-Spectroscopy-and-Ultrafast-Spectroscopy” in association with the department of Chemical Sciences and Indian Institute of Science Education and Research, Mohali.

Dr.SanjayMandal, spoke on “X-Ray-Crystallography:single-crystal-and-powder-and-applications”, Ujjal K.Gautam, on “Transmission-Electron Microscopy-Imaging-and-its-related-techniques”, Dr.SugumarVenkatramani & Dr.MahirSinghSidhu imparted knowledge on ‘IR-Spectroscopy-and-Ultrafast-Laser-and-its-role-in-spectroscopy’.

Department of Botany organized Seminar on “Popularization-of-Science” sponsored by IINSA. Prof.R.C.Sobti & Dr.ParminderSingh addressed the students. A Lecture series on “Innovation in Sciences” was organized by the college. Dr. Felix Bast, spoke on Voyage to Antarctica: Memoirs from 36th Indian-Scientific-Expedition to Antarctica. Dr.DaisyRaniBatish talked on “Biodiversity:Status-depletion-and-conservation”. Prof.GurcharanSingh spoke on “Basic-Science-of-Medical-Imaging”. National Seminar on “Water-Resources, -Challenges-and-Management” was organized. Dr.K.G.Singh, Dr.NareshSehaj pal, Dr.RajanAggarwal talked on”Water Conservation and Management”.

Science fiesta was organized in which, inter school and inter college competitions, power point presentation, Essay writing and speech competition were held, on the topic “Innovation-in-Sciences”.

### **During 2020-21**



Chemistry Department organized online-lecture series in which Dr Raghubir Singh was a resource person. Extension lectures, seminars and workshop on “How to use e-resources” and Webinar on “National Education Policy 2020” were organized. Trips provided insight into techniques of practical demonstrations.

### **During 2021-22**

Chemistry-Department organized one-day-online-lecture-series on “Mass-Spectrometry, Group-Theory&Photo-Physical-Chemistry”. Physics & Maths-Departments organized workshop on “Learn-Physics&Maths-Practically”. Zoology-department conducted state-Level-Webinar-on “Silent-Heart-Attack; Causes-Symptoms & Management”.

### **During 2022-23**

Lecture on Mental health by Dr.Dilpreet Singh was delivered.

**Evidence of Success:** Students showed greater interest in science after interaction with visiting-experts, students are now pursuing PhD, higher-studies/Research. Our Alumni are also employed in schools & are promoting scientific-temperament in semi-urban/rural-area.

**Problems Encountered & resources Required:** This being a government institution there is a shortage of staff/funds. College is managed by grants received from Centre/State funding agencies- RUSA,State council,DBT& PTA. Our college gets students from rural/semi-urban regions;hence it becomes challenging to inculcate scientific-aptitude among students. Students from economically-backward-section of the society with less exposure to scientific disposition seek admission making it an uphill task.

## **(II) Women-Empowerment**

**Objectives:** College ensures every effort to encourage/empower women and provide them safe/congenial-atmosphere.

**Context:** Staff makes efforts to prepare Girl students for facing challenges, create awareness on rights/privileges/identity, address problems, provide counselling, eradicate evils like dowry system and female foeticide.

**Practice:** Women-Forum was established with aim of empowering girl-students/female-teachers. The college has also established a Sexual harassment prevention cell.

**In 2018-2019,** On the International-Women’s-Day, Dr.SarbjotKaur&Ms. JyotikaJudge delivered a lecture. Talk on use of Shakti App-Women-Security Mobile App by S.GurvinderSingh from Sexual-harassment-prevention-cell was also conducted.

**In 2019-20,** On the International-Women’s-Day, Dr.ManishaMaini, Gynecologist addressed the students on “Women-Empowerment-and prevention-from-Corona-virus”. Poshan-Maah was also organized, under which Dr.RanbirKaur addressed the students about Curbing Anaemia in women & importance of right nutrition for women.

Webinar by Panjab University on “**Sexual-Harassment-of-Women-at Workplace-2021**” was attended

by the teaching staff. Skill competitions were also organized. Lecture On International-Women-Health-Day was also delivered. Essay Writing Competition On” Violence-Against-Women” and Online Webinar on “Gender-Inequality & Women-Empowerment was organized.

**In 2022-23:**

Workshop on “Empowering women through right diet and life style” by Dt. Neena Mittal.

**Evidences of Success:** Increase in confidence level of girl students was observed. Girls became aware of their rights, discussed their problems and were provided with appropriate guidance.

**Problems Encountered and Resources Required:** Our college caters mainly to the rural and semi-urban girl students belonging to lower strata of society where male domination is still prevalent. It becomes a challenging and uphill task to change their mind set and acquaint them with the changing scenario of the world where women are actively participating in every sphere of life. Our is a government college, where limited funds are available to organize such activities and programs for the upliftment of girl students. The PTA & other funds were used to organize awareness programs to provide them knowledge and information so that they become the respectable members of society and contribute to the progress of the society.

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**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:**

**Institutional distinctiveness 2018-19**

To impart high-quality education in science and to produce professionals of national and international repute, the college aims to continue its distinctive endeavors in research and its applications in diverse fields of relevance and social utility. To achieve this, the college has undertaken the following steps:

Two workshops were organized during the sessions to provide hands-on training to the students. Interdisciplinary approach to be adopted by all departments. Our college organizes the two-day mega event Science Fiesta every year. College organized a program on the topic “Protection of Environment Ozone Layer” from September 13 to 15, 2018, sponsored by PPCB, Patiala. Dr. Davinder Mehta, Professor, Dept. of Physics, Panjab University, Chandigarh delivered a talk on “The importance and protection of ozone layer.” Dr. S.S. Marwaha, Chairman PPCB delivered a talk on “Environment and its Protection.”

Minor research projects are allotted to students by all the departments to inculcate research aptitude in them. Students were taken to G.N.D. University, Amritsar, Pushpa Gujral, Science City, Kapurthala, Deptt. of Chemistry/Biochemistry, PU, Chandigarh. Teachers of Botany Department organized field trips to study the flora and fauna of different habitat. Department of Zoology took students to Chhatbir Zoo to show them the variety of animals in their natural habitat. Students are provided industrial training: 17 Students of M.Sc. Chemistry attended 10 Days industrial training at NIPER, Mohali. Students are encouraged to deliver departmental level seminars for enhancing their analytical skills. Laboratories are well equipped with sophisticated and latest instruments.

#### **Institutional distinctiveness 2019-2020**

Our college organized the two-day mega event Science Fiesta comprising of Intercollege and Interschool competitions like Essay Writing, Poster presentation (pre-prepared), Rangoli making Speech Competition, workshop for school and college students on 18-10-2019. College organized a lecture series on the topic “Innovation in Science” on 21-10-2019 sponsored by DBT Govt. of India, New Delhi. Dr. Felix Bast from Central University, Bathinda delivered a talk on “The Voyage to Antarctica Memoirs from 36th Indian scientific expedition to Antarctica”. Dr. Daisy Batish from Dept. of Botany, Panjab University, Chandigarh addressed the students on “Biodiversity status, depletion and conservation”. Prof. Gurcharan Singh presented a talk on “Basic Science of Medical Imaging”. The Post Graduate Department of Chemistry organised a lecture series on “X-Ray Diffraction and TEM Imaging” on 29-10-2019.

Minor research projects are allotted to students by all the departments to inculcate research aptitude in them. Students are taken to Research Labs/Universities to interact with Distinguished Scientists and Research Scholars. INSA SPONSORED lecture was organised on 12-2-2020 in which Dr. R.C. Sobti, Former Vice Chancellor Panjab University, Chandigarh delivered a talk on Popularisation of Science. Teachers of Botany Department organized field trips to study the flora and fauna of different habitat.

#### **Institutional distinctiveness 2020-21**

No doubt, every educational institute has a dream to impart quality education to their students. However, this year is challenging period for our college due to Covid-19 pandemic. College has to provide education through virtual media. Firstly, our institution provided Wi-Fi facility to teachers in the campus so that they could connect with the students through online modes such as FCC, Zoom, Google meet etc. In order to provide their students more clarity, most of the teachers created their own You tube channels. However, challenges are not finished here. Our agenda of quality education is not limited to provide

education, institution wants the staff to be capable enough toward this new change. For this, they organize several webinars as well as encourage teachers to attend online FDP as well as workshop. Chemistry Department organized three-day online lecture series by Dr. Raghubir Singh. In the path of the holistic development of students' college organized various online functions throughout the year. Moreover, college organized webinar on psychological effects of Covid-19 on 9 november 2020 as well as poster competition on effects of covid-19 on 21 December 2020.

### **Institutional distinctiveness 2021-22**

Department of Physics organized Online National Level Intercollege Poster Making Competition on the theme "Physics in Space Technology" in collaboration with IQAC on 2nd June, 2021. Department of Physics, Mathematics & IQAC in collaboration with IAPT organized "NATIONAL E-WORKSHOP" on the theme "LEARN PHYSICS & MATHEMATICS PRACTICALLY" on 17th June, 2021. Dr. Jaswinder Singh (Shiksha Ratan). Students of B.Sc. I, II, III delivered seminars on various topics during the session. One day trip of 54 students to Rock Garden and Zoo, Chandigarh was organised. A State level webinar organised on 21st August, 2021: Silent Heart Attack; Causes, Symptoms & Management by Dr. Kamalpreet Kaur (CT, University). A speech competition was organised under the programme 'Swastha Balak/Balika Spardha'. Seminars were presented in the months of April and May, 2022 by students of B.Sc.-I, B.Sc. II and B.Sc. III on topics from the Zoology curriculum. World Malaria Day was celebrated on 25 April, 2022.

### **Institutional distinctiveness 2022-23**

In August 2022, a plantation drive was organised on the occasion of Van Mahotsava under the supervision of Prof. Kulwinder Singh. On 14th November 2022, Postgraduate Department of Botany organised a trip to PAU, Ludhiana.

In January 2023, two students of MSc Botany attended two-month training programme under **Varitika Scholarship** at PU, Chandigarh. During the training both students got hands on training on electrophoresis, pH meter, basic tissue culture etc. From 8th march onwards, department organised seminars of students. Department of Botany organised a one-day trip of BSc II and BSc III to GNDU Amritsar. The students visited Department of Emerging of Life Sciences, Botanical Garden, Department of Botany etc from 25 March 2023 to 29 March 2023. Postgraduate Department of Botany organised 5 days educational trip to Mussoorie, Uttarakhand, where the students learnt about the flora of Mussoorie and Uttarakhand. In April 2023, a student of MSc I Botany, Ms Rishupal was selected for summer research internship 2023 at IMTECH, Chandigarh.

<b>File Description</b>	<b>Document</b>
Appropriate web in the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

The infra-structure of the college includes 9 class rooms of which 7 have been converted into smart class rooms, 11 well equipped laboratories, computer lab, museum, 1 herbarium, girls hostel, canteen, main library possessing approximately 17944 books. Admission to UG courses is made exclusively on Merit basis and to M.Sc. Botany and M.Sc. Chemistry on the basis of combination of National level Entrance Test, conducted by Panjab University, Chandigarh and marks obtained in B.Sc. As a result of sincere efforts of the staff members, the college was selected under the star college scheme and got grants to update the existing infrastructure. The students of the college belong mostly to the lower and middle strata of the society and have a passion for learning to reach respectable place in society. Our students get university positions with their hard work and sincerity. Many schemes to provide financial support are available in the college like Ambedkar scholarship, Soni scholarship (by our alumni) and Inspire scholarship etc. In every session, majority of students avail such scholarships to continue their studies. The well placed alumni visit the college and guide the present students about the various available opportunities after completion of their degrees. They also provide financial support to the institution. Our college is known as the mini Shanti Niketan in the area because of its serene peaceful atmosphere which is very congenial for teaching and learning.

To widen the horizon of knowledge of the faculty and students, dignitaries from renowned institutes are invited to deliver lectures. Educational tours are arranged to research labs to orient them towards research work. Books, Journals and Magazines are made available for updating the knowledge of teachers and students. With the help of star college scheme, RUSA and UGC, ICT facility has been updated. The Public awareness programmes are organized by different societies on relevant days. The college has two NSS units one each for boys and girls. N.S.S.camps are organised to inculcate feeling of community service among the students.

### Concluding Remarks :

Ours is the most favoured institution in the area for providing science education at UG and PG level. In spite of less recruited staff, we are making all possible efforts to provide quality education to the semi urban and rural youth coming to the college having faith in us. The students are encouraged to participate in various activities and programmes for their holistic development. Many programs are organised to create awareness among the students on the relevant days. The college is also making all the possible efforts to create awareness among the students regarding career options available for them. Many companies visit the college for campus placements and select the final year students for various positions offering lucrative packages. In short, we can say that in spite of many challenges, the staff and students of the college are striving to attain the excellence in every field.

Education aims at developing all the faculties of human beings. But majority of youth these days take education only as a degree to get a job. Any such learning is not education but simply literacy. Our college believes that education is an enormously comprehensive and intricate affair. It reforms us and gives us direction. It bestows us with values and character. We have always been a family in this college. This helps us share responsibilities which enhances sense of belongingness. The faculty, administration and students indulge in Participative decision making and show active involvement leading to a decentralized system. Our students too represent at various levels in student council and have active involvement in college affairs. Our college has a completely learner-centric, learner-friendly, unique

system of education. A large number of students from our college are working in different fields of education and spreading the light of science education.

Thus, Students of our college are a part of a proud heritage of exemplary thought and profound character. To make them good human beings is our prime motive. The college sincerely promises to produce science graduates who can transform society at large by becoming good citizens of our country and take it to greater heights.

## 6. Annexure

### 1. Extended Profile Deviations

Extended ID	Extended questions																				
3.1	<p><b>Expenditure excluding salary component year wise during the last five years (INR in lakhs)</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>117.50384</td> <td>56.90582</td> <td>33.65619</td> <td>104.85461</td> <td>121.80917</td> </tr> </tbody> </table> <p>Answer after DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>120.5</td> <td>22.1</td> <td>33.6</td> <td>104.8</td> <td>121.8</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	117.50384	56.90582	33.65619	104.85461	121.80917	2022-23	2021-22	2020-21	2019-20	2018-19	120.5	22.1	33.6	104.8	121.8
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117.50384	56.90582	33.65619	104.85461	121.80917																	
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120.5	22.1	33.6	104.8	121.8																	

### 2. Metrics Level Deviation

Metric ID	Deviation Details and HEI Response										
1.4.1	<p>Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website</p> <p>Answer before DVV Verification: A. Feedback collected, analysed, action taken&amp; communicated to the relevant bodies and feedback hosted on the institutional website</p> <p>Answer before DVV Verification: C. Feedback collected and analysed</p>										
2.1.1	<p><b>Enrolment percentage</b></p> <p><b>2.1.1.1. Number of seats filled year wise during last five years (Only first year admissions to be considered)</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>505</td> <td>547</td> <td>592</td> <td>518</td> <td>597</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	505	547	592	518	597
2022-23	2021-22	2020-21	2019-20	2018-19							
505	547	592	518	597							



Answer after DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
179	199	301	230	257

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
880	880	880	880	880

Answer after DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
320	320	320	320	320

2.1.2

***Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years***

**2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
334	326	341	284	292

Answer after DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
114	113	185	130	127

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
422	422	422	422	422

	<p>Answer after DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>154</td> <td>154</td> <td>154</td> <td>154</td> <td>154</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	154	154	154	154	154										
2022-23	2021-22	2020-21	2019-20	2018-19																	
154	154	154	154	154																	
3.4.3	<p><b><i>Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.</i></b></p> <p><b>3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>30</td> <td>12</td> <td>28</td> <td>9</td> </tr> </tbody> </table> <p>Answer after DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>4</td> <td>1</td> <td>2</td> <td>3</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	21	30	12	28	9	2022-23	2021-22	2020-21	2019-20	2018-19	2	4	1	2	3
2022-23	2021-22	2020-21	2019-20	2018-19																	
21	30	12	28	9																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
2	4	1	2	3																	
5.1.4	<p><b><i>The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases</i></b></p> <ol style="list-style-type: none"> <li>1. <b>Implementation of guidelines of statutory/regulatory bodies</b></li> <li>2. <b>Organisation wide awareness and undertakings on policies with zero tolerance</b></li> <li>3. <b>Mechanisms for submission of online/offline students' grievances</b></li> <li>4. <b>Timely redressal of the grievances through appropriate committees</b></li> </ol> <p>Answer before DVV Verification: A. All of the above</p> <p>Answer after DVV Verification: B. 3 of the above</p>																				
5.2.1	<b>Percentage of placement of outgoing students and students progressing to</b>																				

**higher education during the last five years**

**5.2.1.2. Number of outgoing students year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
212	158	186	157	221

Answer after DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
148	129	184	155	201

6.2.2

***Institution implements e-governance in its operations***

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

Answer before DVV Verification:

B. 3 of the above

Answer after DVV Verification:

C. 2 of the above

6.3.3

***Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years***

**6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
13	1	7	1	1

Answer after DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
13	2	7	1	0

**6.3.3.2. Number of non-teaching staff year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

Answer after DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
10	10	10	10	10