

**Sri Guru Gobind Singh College**

**Sector-26**

**Chandigarh-160019 (UT)**



**ANNUAL QUALITY ASSURANCE REPORT**

**Academic Session: July 1<sup>st</sup>, 2015-June 30<sup>th</sup>, 2016**

**Submitted to**

**National Assessment and Accreditation Council**

**Bangalore**

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## Part – A

### 1. Details of the Institution

#### 1.1 Name of the Institution

Sri Guru Gobind Singh College

#### 1.2 Address Line 1

Sri Guru Gobind Singh College

#### Address Line 2

Sector 26

#### City/Town

Chandigarh

#### State

Chandigarh (U.T)

#### Pin Code

160019

#### Institution e-mail address

principal.sggs26@gmail.com

#### Contact No. (O)

0172-2792754 (Landline)

0172-2790312 (Telefax)

#### Head of the Institution:

Ms Rita Singh, Associate Professor

#### Tel. No. with STD Code:

0172-2792754 (Landline)

0172-2790312 (Telefax)

#### Mobile:

7341123711

#### Name of the IQAC Coordinator:

Dr Amit Joshi

#### Mobile:

8427035577

#### IQAC e-mail address:

iqacsggs@gmail.com

#### 1.3 NAAC Track ID

CGCOGN11028

#### 1.4 NAAC Executive Committee No. & Date:

EC(SC)/13/A & A/67.2 Dated: March 17, 2016

Valid till March 16, 2021

**1.5 Website address:**

[www.sgggscollege.ac.in](http://www.sgggscollege.ac.in)

**Web-link of the AQAR:**

<http://www.sgggscollege.ac.in/IQAC.ASPX>

**1.6 Accreditation Details:**

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1.	1 <sup>st</sup> Cycle	B++	80.85	2004	2004-2009
2.	2 <sup>nd</sup> Cycle	B	2.86	2016	2016-2021

**1.7 Date of Establishment of IQAC:**

02.07.2004

**1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC**

S.No.	Document Submitted	Session	Date
I	AQAR	2004-05	05.04.2005
II	AQAR	2005-06	05.05.2006
III	AQAR	2006-07	11.07.2013
IV	AQAR	2007-08	11.07.2013
V	AQAR	2008-09	11.07.2013
VI	AQAR	2009-10	11.07.2013
VII	AQAR	2010-11	11.07.2013
VIII	AQAR	2011-12	13.03.2013
IX	AQAR	2012-13	27.08.2013
X	AQAR	2013-14	30.07.2015
XI	AQAR	2014-15	08.11.2015



**1.11 Name of the Affiliating University (for the Colleges)**

Panjab University Chandigarh (UT)

**1.12 Special Status Conferred by Central/ State Government  
UGC/CSIR/DST/DBT/ICMR etc**

Autonomy by State/Central Govt. / University	-	UGC-COP Programmes	-
University with Potential for Excellence	-	UGC-CPE	-
DST Star Scheme	-	UGC-CE	-
UGC-Special Assistance Programme	-	DST-FIST	-
UGC-Innovative PG Programmes	-	Any other (Specify)	-

**2. IQAC Composition and Activities**

2.1	Number of Teachers	23
2.2	Number of Administrative/Technical staff	2
2.3	Number of students	1
2.4	Number of Management representatives	1
2.5	Number of Alumni	2
2.6	Number of any other stakeholder and Community representatives	2
2.7	Number of Employers/ Industrialists	2
2.8	Number of other External Experts	2
2.9	Total Number of members	35

2.10 Number of IQAC meetings held

2.11 Number of meetings with various stakeholders:

Faculty: General Staff Meeting  Meetings with various committees   
Non-Teaching  Students  Alumni  Parents

2.12 Has IQAC received any funding from UGC during the year? YES  NO

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

i. Number of Seminars/Conferences/ Workshops/Symposia organised by the IQAC

Total Nos.	17	International	-	National	-	State	02	Institution Level	15
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ii. Themes: Seminars/Workshops held in (2015-16)

S No	Details	Date	Place
1	An Expert Lecture on 'AIDS Awareness for Healthy Youth' by Mr. Sunil Panghal, Consultant, Youth Affairs, Chandigarh State AIDS Control Society (CSACS).	March 18, 2016	College campus
2	'Capacity Building' Workshop for Non-teaching Staff under the aegis of RUSA(Rashtriya Uccharat Shiksha Abhiyan )	March 16, 2016	College campus
3	PG Deptt of Computer Science organised one week training workshop for Teaching Faculty on 'Power Point: Preparation and Presentation' under the aegis of RUSA .	March 15-22, 2016	College campus
4	The College organised 'Panth Rattan Jathedar Gurcharan Singh Tohra Memorial Award Function' in association with Sikh Educational Society to honour prominent personalities from the field of Religion, Culture, Literature and who lead the ethical path towards forming a valuable society while making valid contributions to the cause of Punjab History, Culture and Sikh value system.	March 8, 2016	College campus

5	TechMates Club of PG Deptt of Computer Science organised a Workshop on 'PHP' in association with Indivar Company .	March 2, 2016	College campus
6	PG Deptt of English organised an Expert Lecture on 'Faiz Ahmad Faiz' prescribed in Sem IV Paper II— Indian Writing in Translation for MA I and MA II, BA II and BA III Hons (English) students. It was delivered by Col (retd) JS Bala, Secretary Sikh Educational Society, Chandigarh.	February 29, 2016	College campus
7	PG Deptt of Mathematics organised an Expert Lecture on 'Capacitated Transportation Problem' by Dr Vanita Verma, Professor in Mathematics, Panjab University Chandigarh.	February 26 ,2016	College campus
8	PG Deptt of English organised an Expert Lecture on 'Munshi Prem Chand' prescribed in Sem IV Paper II— Indian Writing in Translation for MA I and MA II, BA II and BA III Hons (English) students by Dr Aradhna, Deptt of Hindi, GGSCW, Sec-26, Chandigarh .	February17,2016	College campus
9	PG Deptt of English organised an Expert Lecture on 'Surya Kant Tripathi Nirala' prescribed in Sem IV Paper II—Indian Writing in Translation for MA I and MA II, BA II and BA III Hons (English) students by Dr Sarita Chauhan, Deptt of Hindi, MCM DAV College, Chandigarh .	February13, 2016	College campus
10	Chemical Society of College organised an Expert Lecture on 'Application of Laser and Optical Fibre' by Prof J K Chhabra ,Scientist, Ex-CSIO, Chandigarh.	February 6, 2016	College campus
12	Environmental Society of the College in collaboration with Department of Science and Technology (DST), Chandigarh organised an Expert Lecture on 'Segregation of Waste & Its Management' by Mr N K Jhingan, Secretary, Environmental Society of India, Karuna Sadan Bhawan, Sector 11, Chandigarh.	January 18, 2016	College campus
13	The Deptt of Physics organised a lecture on 'Quantum Cryptography' by Dr Arvind, Professor, Indian Institute of Science, Education and Research (IISER), Mohali.	January 18, 2016	College campus
14	The PG Deptt of Biotechnology and Microbial Biotechnology organised a Lecture Series on 'Current Advancements in the Field of Biotechnology' on following themes: <ul style="list-style-type: none"> <li>○ 'Biotechnology for Cleaner Environment' by Dr Jaspreet Kaur, Head, Deptt of Biotech, UIET, Panjab</li> </ul>	November19-20, 2015	College campus

	University, Chandigarh ○ ‘Next Generation Sequencing in Functional Genomics’ by Dr Avneesh Kumar, Assistant Professor, Akal University, Bathinda ○ ‘Metabolic Engineering of Phytic acid Pathway for Improving Iron Bioavailability’ by Dr Ajay Kumar Pandey, Scientist, NABI, Mohali		
15	The students of Centre of Sikh Studies staged a Religious and historical theatrical performance in Mata Ganga Auditorium, GGSCW, Chandigarh.	November 6, 2015	GGSCW, Sector-26, Chandigarh
16	Centre of Sikh Studies organised an Expert Lecture on contemporary contextual significance of ‘Janam Sakhi Sahit’ by Prof Harpal Singh Pannu, former Head, Deptt of Religious Studies, Punjabi University, Patiala .	October 8, 2015	College campus
17	PG Deptt of English organised an Expert Lecture on ‘Early Nineteenth Century Poetry’ by Prof Manju Jaidka, Deptt of English and Cultural Studies, Panjab University, Chandigarh.	September 9, 2015	College campus

#### 2.14 Significant Activities and contributions made by IQAC

- Affiliation for new PG course in Chemistry
- Seminars/ Conferences/ Workshops/Expert Lectures were organised by PG Departments of English, Biotechnology and Microbial Biotechnology, Mathematics and Computer Sciences besides Departments of Chemistry and Physics
- RUSA workshops organised : One day Capacity Building Workshop for non-teaching staff and one week Faculty Training Programme on ‘Power Point: Preparation and Presentation’
- Upgradation of labs and modernisation of Zoology Lab
- The Societies, Clubs and Associations of the College were motivated to pursue student oriented, community-centric and environmental awareness programmes.
- IQAC motivates the faculty to pursue Minor/Major Projects
- Faculty is continuously encouraged to guide PhD students
- IQAC motivates faculty to pursue PhD, conduct active research, present/publish research articles/papers at National/International level
- Spiritual and holistic development of faculty and students is promoted through the Gurmat Vichaar Sabha

- Preservation of Heritage and Culture through the activities of Centre of Sikh Studies
- The Placement and Career Counselling Cell of the College organises placement drives for students to have access to latest career updates, hiring trends by Industry and job openings in Govt and Private sectors
- Educational trips and tours are encouraged for an all-round development of the students
- IQAC ensures the release of the Annual College Magazine ‘Agammi Jyot’ which offers a platform to budding student writers by encouraging their creativity and innovative ideas expressed through a language of their choice i.e English, Hindi or Punjabi.

### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

S.No.	Plan of Action	Achievements
1	Preparation of Academic Plan	All the departments were encouraged to prepare an academic plan in the beginning of the year.
2	Promotion of Research	<ul style="list-style-type: none"> <li>➤ College received Rs 19,09,912 for carrying out major/minor research project and as travel grant</li> <li>➤ Cultivating research climate by encouraging research at postgraduate levels</li> <li>➤ 12 faculty members guide 41 Ph D students</li> <li>➤ Faculty published 49 research papers in International and 25 National journals</li> <li>➤ Faculty published 14 Books and 21 Chapters in edited books with ISBN Number</li> <li>➤ Seminars/ Conferences/ Workshops/Expert Lectures were organised by various Departments.</li> </ul>
3	Holistic development of students	<ul style="list-style-type: none"> <li>➤ Gurmat Vichaar Sabha promotes spiritual and holistic development through its activities</li> <li>➤ Preservation and promotion of heritage and culture through the activities of Centre of Sikh Studies</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Social Outreach Programmes of NSS and Red Ribbon Club</li> <li>➤ Sports Activities : College offers latest equipment and infrastructure, specialized training for various sports under supervision of competent coaches, free boarding facility , diet money and scholarships</li> <li>➤ Co-curricular Activities and maximum participation through youth festivals</li> <li>➤ Gurmat Hobby Classes like Calligraphy, Gurmat Sangeet, Shudh Gurbani Path, Shastra Vidya and Gatka training conducted by the students of the College for the students of all SES Institutes on-campus</li> <li>➤ Annual College Magazine ‘Agammi Jyot’ published</li> <li>➤ Mentoring System</li> </ul>
4	Sustainable Development	<ul style="list-style-type: none"> <li>➤ Rainwater Harvesting</li> <li>➤ Setting up of Compost Pit</li> <li>➤ Installation of Solar Green House</li> <li>➤ Installation of Solar Lights</li> <li>➤ Utilisation of Tertiary Water</li> <li>➤ PSCST sponsored National Environment Awareness Campaign (NEAC) Activities.</li> </ul>
5	Campus Beautification	<ul style="list-style-type: none"> <li>➤ Up gradation of Herbal Garden</li> <li>➤ Tree Plantation Drives</li> <li>➤ Participation in Flower Festivals</li> <li>➤ An Educational trip sponsored by DST Chandigarh was organised by the Deptt of Botany to Botanical Garden and Energy Park, Sarangpur</li> </ul>

6	Strengthening the Placement services for students	<ul style="list-style-type: none"> <li>➤ 72 candidates were shortlisted in 04 Placement Drives</li> <li>➤ Industry Institute Interface was organised.</li> <li>➤ 02 MOUs with Job Destination were signed</li> </ul>
7	Corporate Social Responsibility	<ul style="list-style-type: none"> <li>➤ A special Camp 'Youth for Swachh Bharat'</li> <li>➤ The Blood Donation Camp was organised in collaboration with PGIMER-Chandigarh and 216 unit of blood was collected</li> <li>➤ Students participated in Dengue Awareness Campaign at Mauli Jagran village, organised by the Department of Health, Chandigarh.</li> </ul>
8	Conducting meetings with Stake Holders	<ul style="list-style-type: none"> <li>➤ Meetings with alumni were scheduled</li> <li>➤ Feedback forms from students and alumni were received and suggestions were implemented</li> </ul>

\* Academic Calendar Attached (Annexure 1)

**2.16 Whether the AQAR was placed in statutory body .Yes**

Management

Principal

Any other body

College IQAC

**Provide the details of the action taken**

All the reports regarding the action plan and achievements presented before the statutory body and suggestions incorporated from time to time.

## ANNEXURE -I

### Academic Calendar & Admission Schedule, PU Chandigarh

Proposed Academic Calendar for the session 2015-16 for the Panjab University affiliated Colleges with Undergraduate/ Postgraduate courses (Arts, Science and Commerce) having Annual/ Semester System of Examination:

**Summer Vacations:** May 25, 2015 (Monday) to July 5, 2015 (Sunday)

**College reopens on :** July 6, 2015 (Monday)

**Teaching for ongoing classes will start on:** July 8, 2015 (Wednesday)

**Teaching for new admission classes (those admitted through PU-CET (PG) tentatively on July 14, 2015 (Tuesday)**

### Academic Term : Session 2015-16

**Annual System of Examination for  
BA/BSc/BCom/BCA III & PGDCA.**

**Academic Term I**

08-07-15 to 21-10-15 (85 Days)  
(Wednesday) (Wednesday)

**Autumn Vacations:**

22-10-15 to 28-10-15 (07 Days)  
(Thursday) (Wednesday)

**Academic Term II**

29-10-15 to 19-12-15 (41 Days)  
(Thursday) (Saturday)

**Winter Break**

21-12-15 to 03-01-16 (14 days)  
(Monday) (Sunday)

**Academic Term III**

04-01-16 to 12-03-16 (56 Days)  
(Monday) (Saturday)

**Annual Practical Exams / Preparatory Holidays**

14-03-16 to 01-04-16 (15 Days)  
(Monday) (Friday)

**Annual Theory Examination**

02-04-16 (Saturday) onwards

**Summer Vacations: (Tentative)**

29-05-16 to 06-07-16 (39 Days)

**Total Teaching days of**

**Academic Term I, II, III = 85 + 41 + 56 = 182 days**

**Semester System of Examination for  
BA/BSc/BCom/BCA I / II & MA, MSc, MCom**

**Semester I & III:**

**Academic Term I (a)**

08-07-15 to 21-10-15 (85 Days)  
(Wednesday) (Wednesday)

**Autumn Break:**

22-10-15 to 28-10-15 (07 Days)  
(Thursday) (Wednesday)

**Academic Term I(b)**

29-10-15 to 01-12-15 (25 Days)  
(Thursday) (Tuesday)

**End Semester Examinations**

02-12-15 to 19-12-15 (18 days)  
(Wednesday) (Saturday)

**Semester Vacation (Winter Break)**

21-12-15 to 03-01-16 (14 days)  
(Monday) (Sunday)

**Total Teaching days of**

**Academic Term I = 85 + 25 = 110 days**

**Semester II & IV:**

**Academic Term II**

04-01-16 to 13-05-16 (106 days)  
(Monday) (Friday)

**Total Teaching days of**

**Academic Term II = 106 days**

**End Semester Examination**

14-05-16 to 28-05-16 (15 Days)  
(Saturday) (Saturday)

**Summer Vacations: (Tentative)**

29-05-16 to 06-07-16 (39 Days)

**Total Teaching days of**

**Academic Term I & II = 110 + 106 = 216 days**

# CRITERION-I

## CURRICULAR ASPECTS

## Criterion – I

### Curricular Aspects

#### 1.1 Details about Academic Programmes

Level of the Programme	Number of Existing Programmes	Number of Programmes added during the year	Number of Self-financing Programmes	Number of Value added / Career Oriented Programmes
PhD	-	-	-	-
PG	9	-	4	-
UG	8	-	3	-
PG Diploma	1	-	1	1
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	<b>18</b>	<b>-</b>	<b>8</b>	<b>1</b>

Interdisciplinary	3*	-	2	-
Innovative	-	-	-	-

*Interdisciplinary Programme	BSc (Computer Science), BSc Biotech (Elective) ,BA (IT)
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#### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

Core/Elective Option: Yes

#### (ii) Pattern of programmes:

Pattern	Number of Programmes
Semester	18 (8 UG All First and Second years, 9 PG and 1 PG Diploma)
Trimester	-
Annual	8 UG (All Final Years)

**1.3 Feedback from stakeholders\***

(On all aspects)

Alumni  Parents  Employers  Students

**Mode of feedback:**

Online  Manual  Co-operating  Schools (for PEI)

**\* Analysis of the feedback –Annexure- II**

**1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.**

- The Board of Studies of Panjab University, Chandigarh decides the revision and updates in syllabi. 13 faculty members of the College from different departments are members of the UG and PG Board of Studies, 07 faculty members of the College from different departments are added members of Faculty , 01 faculty as a member of Committee for Revision/ Upgradation of syllabi of Undergraduate and Postgraduate Courses and 01 faculty member of the University Senate. In this capacity they participate actively in revision and updation of syllabi.
- In the academic session 2015-16, the Semester system was implemented in Second year classes in continuation with its implementation in First year in the session 2014-15. The syllabi that was previously Paper A and Paper B was divided into Semester I and Semester II in some of the courses. In other courses, the syllabi revision was carried out as per the recommendations of the various Boards of Studies.
- The syllabus was revamped to make it more contemporary and comprehensive.

**1.5 Any new Department/Centre introduced during the year. If yes, give details.**

-

## ANNEXURE - II

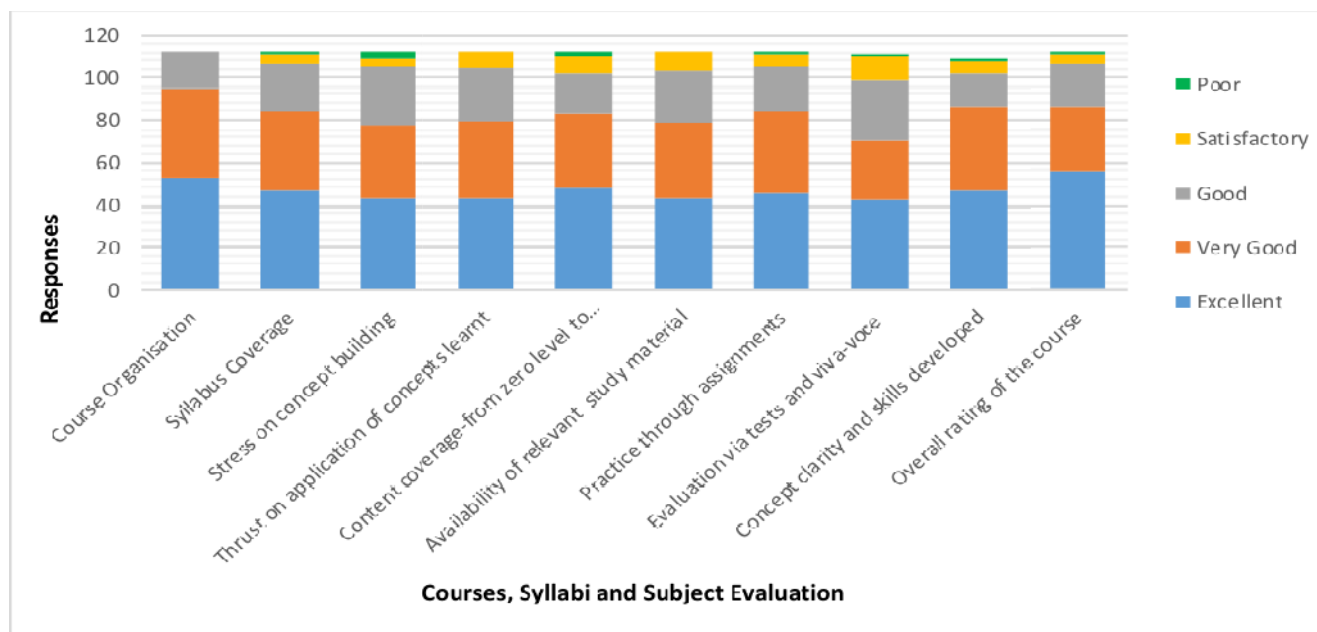
### Analysis of Feedback Collected from Students

The College regularly collects feedback from students on specific Proforma:

#### I. Teacher Feedback - Courses, Syllabi and Subject Evaluation, Teacher

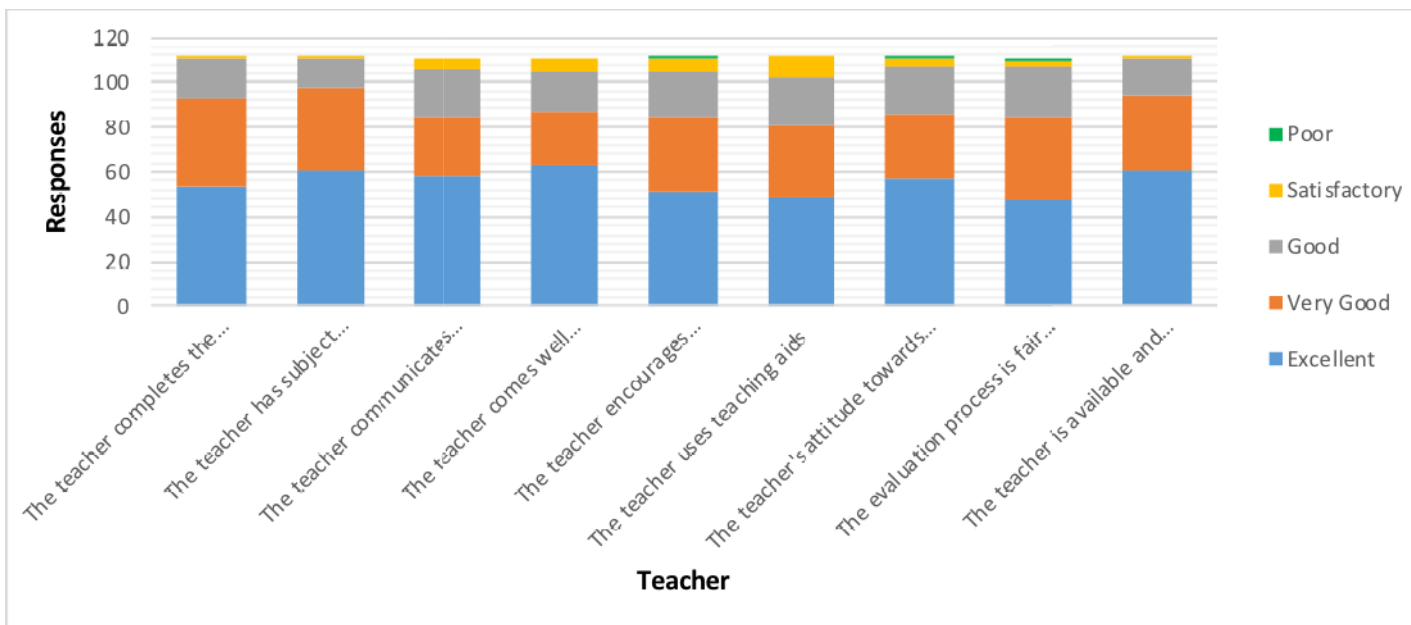
##### 1. Courses, Syllabi and Subject Evaluation

Criteria	Excellent	Very Good	Good	Satisfactory	Poor
Course Organisation	53	42	17	0	0
Syllabus Coverage	47	37	23	4	1
Stress on concept building	44	33	28	4	3
Thrust on application of concepts learnt	43	36	25	8	0
Content coverage-from zero level to advanced	48	35	19	8	2
Availability of relevant study material	44	34	25	9	0
Practice through assignments	46	38	21	6	1
Evaluation via tests and viva-voce	42	29	28	11	1
Concept clarity and skills developed	47	39	16	6	1
Overall rating of the course	56	30	20	5	1



## 2. Teacher

Criteria	Excellent	Very Good	Good	Satisfactory	Poor
The teacher completes the entire syllabus in time	54	39	18	1	0
The teacher has subject knowledge	61	36	13	1	0
The teacher communicates clearly and inspires me by his/her teaching	58	26	22	4	0
The teacher comes well prepared in the class	63	24	18	6	0
The teacher encourages participation and discussion in the class	51	33	20	6	1
The teacher uses teaching aids	49	32	21	10	0
The teacher's attitude towards students is friendly & helpful	57	29	21	4	1
The evaluation process is fair and unbiased	47	37	23	2	1
The teacher is available and accessible in the department	60	34	17	1	0

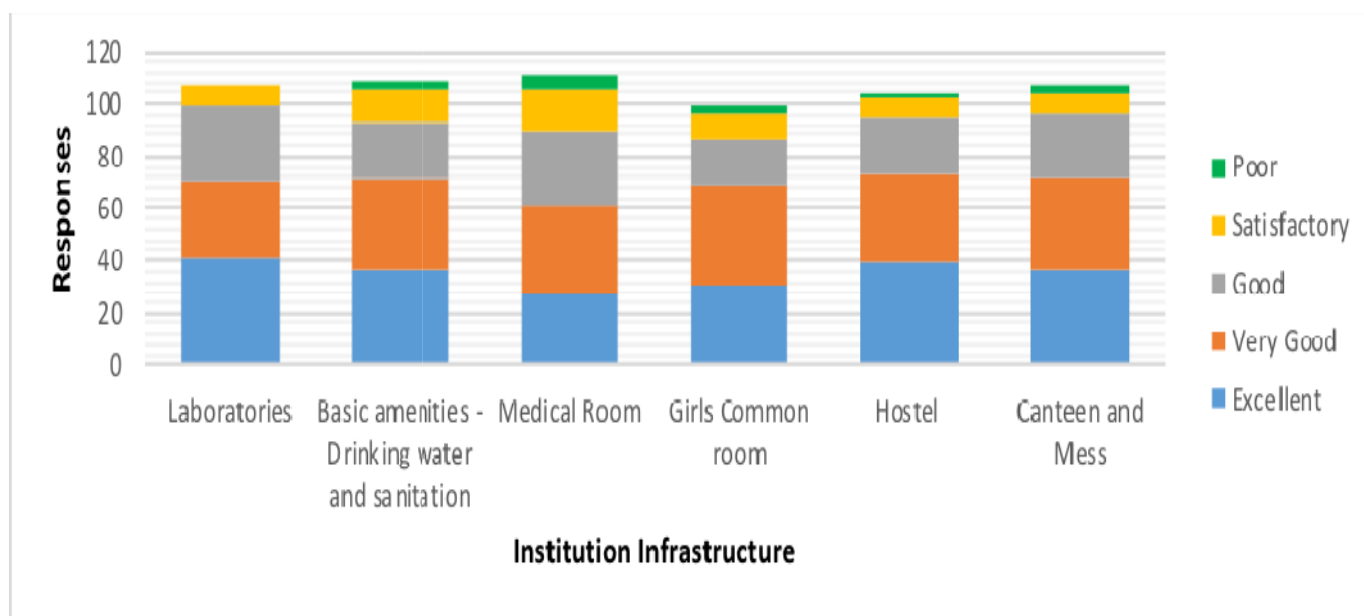


\* From all the received forms, around 120 forms were randomly selected for analysis purpose. Information in some of the cells was not filled by the students.

**II. Infrastructure Feedback-**Institution Infrastructure, Administration and Foreign Student  
 The feedback is analysed and the conclusions are passed on to decision-making authorities through Principal for incorporation in the improvement process at the College level.

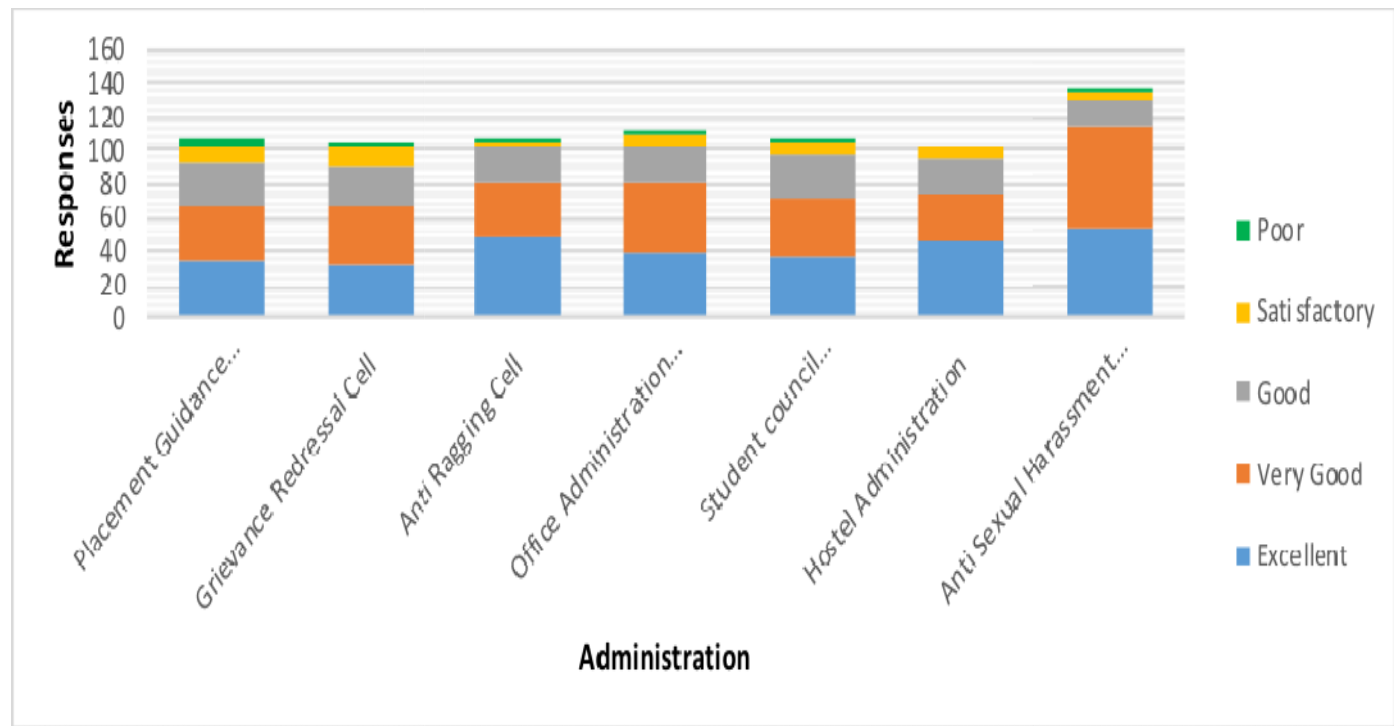
**1. Institution Infrastructure**

Criteria	Excellent	Very Good	Good	Satisfactory	Poor
Laboratories	41	29	30	7	0
Basic amenities - Drinking water and sanitation	37	34	22	13	3
Medical Room	28	33	28	17	5
Girls' Common Room	30	38	18	11	3
Hostel	39	34	22	7	2
Canteen and Mess	36	36	24	8	3



## 2. Administration

Criteria	Excellent	Very Good	Good	Satisfactory	Poor
Placement Guidance and Career Counselling Cell	34	34	24	10	5
Grievance Redressal Cell	31	37	23	10	2
Anti-Ragging Cell	48	34	19	4	2
Office Administration and Student Interaction	40	42	20	8	2
Student Council Association	36	35	26	8	2
Hostel Administration	46	27	21	9	0
Anti-sexual Harassment Cell	54	59	16	6	1



### 3. Foreign Students

Criteria	Excellent	Very Good	Good	Satisfactory	Poor
Level of support at the time of admission	4	7	3	0	0
Study Environment	2	7	4	1	0
Cultural Experience	2	5	7	0	0
Overall Experience	3	4	6	1	0

\*\* From all the received forms, around 140 forms were randomly selected for analysis purpose. Information in some of the cells was not filled by the students.

#### Need for improvement

The students seem to be satisfied with most of the aspects of the College. Further following suggestions were reflected after the analysis of the received feedback:

- The infrastructure of the Laboratories to be upgraded besides requirement of new laboratories and equipment in the Science departments
- Requirement for more smart class rooms
- New courses could be added to give more options to the students
- Additional resources and books needed in the Library
- Placement and Career Counseling Cell to facilitate more industry exposure for students
- Online admission facility needs to be made available
- Requirement of Coffee House-cum-Cafeteria on campus
- Additional parking space for students
- Campus should be more eco-friendly

On the basis of feedback received from students, following implementations have been done in the academic session 2015-16:

- The PG Deptt of Computer Science bought 20 new computers of latest configuration and licensed software to support the changing scenario of IT industry
- The PG Deptt of Biotechnology and Microbial Biotechnology has been equipped with new instruments like CO<sub>2</sub> Incubator, Tissue Culture Racks, three Electronic Weighing Balances and Autoclaves. A Plant Tissue Culture (PTC)Laboratory was established

- The College Library spent Rs 2,72,240/- on purchase of books in the subjects of English, Sociology, Economics, Chemistry, Computer Science, Zoology, Political Science, Commerce and Physical Education. Rs 1,83,260/- was spent on general reference material. 19 almirahs, 4 racks, 3 computers and 1 printer were added in the College Library
- The Placement and Career Counseling Cell organised Industry-Institute Interface I<sup>3</sup> for bridging the gap between academics and requirements of the industry to make the youth employable and job-ready.

The College signed two MOUs (Memorandum of Understanding) with *Job Destination*, a leading Recruitment Company of India regarding e-training of students for better placement opportunities. Workshops were conducted on resume writing, provision of relevant study material, conduct of mock interviews etc.

04 Placement Drives were conducted by companies like ICICI Bank, ICICI Prudential Life Insurance Co Ltd, Competent Synergies, TATA BSS and Indus Ind Bank.

ICICI Prudential Life Insurance Co Ltd was invited for conducting interviews of students interested in joining the Insurance Sector. 72 candidates were short-listed in these placement drives

- The College campus including the hostel has been Wi-Fi enabled
- Conferences/Seminars, Workshops and Expert Lectures were organised by various Departments of the College throughout the session. There has been an active participation and involvement in organisation of the faculty and students in such events

# CRITERION-II

TEACHING, LEARNING AND  
EVALUATION

## Criterion – II Teaching, Learning and Evaluation

### 2.1 Total number of permanent faculty

Total	Assistant Professors	Associate Professors	Professors	Others
98	72	26	--	--

### 2.2 Number of permanent faculty with PhD

45
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### 2.3 Number of Faculty Positions Recruited (R) and Vacant (V) during the year

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
01	04	--	--	--	--	--	--	--	04

### 2.4 Number of Guest and Visiting faculty and Temporary faculty

01	-	51
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### 2.5 Faculty participation in Conferences and Symposia:

Number of Faculty	International level	National level	State level
Attended Seminars/ Workshops	28	120	99
Presented papers	22(Research papers) 01(Poster presentations)	47(Research papers) 05(Poster presentations)	25(Research papers) 03(Poster presentations)
Resource Persons	01	13	10

## 2.6 Innovative processes adopted by the institution in Teaching and Learning:

The following technologies and facilities are used by the faculty for effective teaching:

- The recent introduction of smart boards has encouraged a digitally interactive method to enhance teaching learning process
- Teachers arrange various group activities to assess student's abilities to work as a team. By conducting group projects and discussions , etc they enhance leadership skills and presentation abilities
- Group Discussions and Classroom Presentations are organised on various topics to enhance cognitive abilities and communication skills of the students
- Students are encouraged to present papers in conferences/seminars
- Case-studies during class room interaction are conducted
- Field studies are done to supplement the curriculum
- Quiz Competitions, Debates, Writing Competitions and Paper Reading Contests are conducted at Departmental as well as at the College level
- Through membership of UGC-approved INFLIBNET N-LIST Programme, the faculty has access to a wide range of e- journals and e- books
- The faculty can access computer labs and other ICT tools
- Survey studies are conducted by students under the guidance of faculty

## 2.7 Total number of actual teaching days during this academic year

216 as per PU Academic calendar (Annexure I)

## 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- The College has realigned itself with the rules and regulations of the governing Panjab University, Chandigarh, by migrating to the Semester Based Evaluation system from the academic year 2015-16
- The Controller Examinations in the College ensures smooth conduct of College/University examinations during the session and is assisted by one non- teaching staff member.

- A detailed evaluation policy, regarding mid-semester assessment is prescribed and shared with the students at the commencement of the session to facilitate a continuous learning and assessment based environment
- MST (Mid-Semester term) examinations ensure a comprehensive coverage of the syllabus for the students, resulting in a highly motivated and accomplished learning and evaluation system which is helpful in pinpointing the students which need remedial classes
- The examinations are conducted as per the rules of the Panjab University, Chandigarh. A Pre-bound answer booklet UG (36 pages) and PG (40 Pages), is provided to the student to simplify the examination and evaluation process. All the examination booklets are Bar Coded to ensure a proper follow up mechanism.

## 2.9 No of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

06 PG Board of Studies	07 UG Board of Studies	01 Revision of syllabi UG & PG	07 Members of various faculties PU, Chandigarh
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### Faculty who are Members of Postgraduate Board of Study

S. No.	Name of Faculty	Department	University/ College(Autonomous)
1.	Dr Devinder Singh	Punjabi	Panjab University, Chandigarh
2.	Dr GS Gill	Physical Education	Panjab University, Chandigarh
3.	Dr Manmeet Gill	Physical Education	Panjab University, Chandigarh
4.	Dr Amit Joshi	Biotechnology	Panjab University, Chandigarh
5.	Dr Amit Joshi	Microbial Biotechnology	Panjab University, Chandigarh
6.	Dr IPS Sidhu	Zoology	Punjabi University, Patiala

### Faculty who are Members of Undergraduate Board of Study

S. No.	Name of Faculty	Department	University/ College(Autonomous)
1.	Dr IPS Sidhu	Zoology	Panjab University, Chandigarh
2.	Dr Jasveer Kaur Brar	Botany	Panjab University, Chandigarh
3.	Mr AS Chahal	Chemistry	Panjab University, Chandigarh
4.	Dr GS Gill	Physical Education	Panjab University, Chandigarh
5.	Dr Manmeet Gill	Physical Education	Panjab University, Chandigarh
6.	Dr Jasvinder Singh Bhatti	Biotechnology	Panjab University, Chandigarh
7.	Dr Amit Joshi	Biotechnology	Panjab University, Chandigarh

**Faculty who are Member of Committee for Revision/Upgradation of syllabi of Undergraduate and Postgraduate Courses**

S. No.	Name of Faculty	Department
1.	Dr Preet Kanwal	Computer Science and Information Technology(semester system)

**Following are the members of faculty of different Departments of Panjab University, Chandigarh**

S. No.	Name of Faculty	Department	Faculty
1.	Dr IPS Sidhu	Zoology	Faculty of Sciences
2.	Dr TS Brar	Commerce	Faculty of Business Management and Commerce for the term 2015-17.
3.	Dr Taranjit Rao	Commerce	Faculty of Business Management and Commerce for the term 2015-17.
4.	Dr Seema Chopra	Commerce	Faculty of Business Management and Commerce for the term 2015-17.
5.	Mr Harbhajan Singh	Botany	Faculty of Dairying, Animal Husbandry and Agriculture for the term (2015-17).
6.	Dr Amit Joshi	Biotechnology	Faculty of Science,PU Senate.
7.	Dr Mandeep Thour	Physical Education	Executive Member,Sports Committee.

**2.10 Average percentage of attendance of students: 75% - as per PU Rules**

**2.11 Course/Programme wise distribution of pass percentage:**

Title of the Programme	Total No. of Students Appeared	Divisions				
		Distinction %	I %	II %	III %	Pass %
MSc Zoology (Sem I)	26	19.04	90.48	9.52	-	80.7
MSc Zoology (Sem II)	35	17.24	82.76	6.90	10.34	82.86
MSc Zoology (Sem III)	23	10.52	57.89	26.32	15.79	82.6
MSc Zoology (Sem IV)	23	10.5	57.89	31.58	10.53	82.61
MCom (Sem I)	66	-	100	-	-	62.1
MCom	89	1.3	61.33	38.67	-	84.27

(Sem II)						
MCom (Sem III)	67	-	92.31	7.69	-	97.01
MCom (Sem IV)	81	-	91.18	8.82	-	98.55
MSc Biotech (Sem I)	26	-	52.94	47.06	-	65.38
MSc Biotech (Sem II)	27	-	50.00	19.23	30.77	96.30
MSc Biotech (Sem III)	13	-	100	-	-	84.62
MSc Biotech (Sem IV)	20	-	50.00	19.23	30.77	95.00
MSc Microbial Biotech(Sem I)	18	13	56.25	43.75	-	88.89
MSc Microbial Biotech(Sem II)	20	7.69	84.62	7.69	7.69	65.00
MSc Microbial Biotech(Sem III)	06	5.2	75.00	-	25.00	66.67
MSc Microbial Biotech(Sem IV)	06	-	50.00	-	50.00	100.00
MSc IT (Sem I)	06	33.3	100.00	-	-	50.00
MSc IT (Sem II)	08	28.6	57.14	-	42.86	87.5
MSc IT (SemIII)	13	33.3	88.89	-	11.11	69.2
MSc IT (Sem IV)	12	50	58.33	-	41.67	100.00
PGDCA (Sem I)	16	2	85.71	-	14.29	49.29
PGDCA (Sem II)	16	-	55.56	-	44.44	56.25
MSc Maths (Sem I)	39	0.1	50.00	50.00	-	25.64
MSc Maths (Sem II)	61	27.1	95.83	4.17	-	78.69
MSc Maths (Sem III)	52	0.12	25.00	75.00	-	15.38
MSc Maths (Sem IV)	52	-	25.00	20.83	54.17	46.15
MA English	23	8.69	-	100.00	-	8.69

(Sem I)						
MA English (Sem II)	32	-	-	70.00	30.00	31.25
MA English (Sem III)	07	-	25.00	25.00	50.00	57.14
MA English (Sem IV)	06	-	80.00	20.00	-	83.33
MA Punjabi (Sem I)	18	-	-	50.00	50.00	11.11
MA Punjabi (Sem II)	34	-	7.14	92.86	-	41.18
MA Punjabi (Sem III)	21	-	20	80.00	-	47.6
MA Punjabi (Sem IV)	15	-	3.33	-	66.67	80.00
MA Economics (Sem I)	32	-	15.79	63.16	21.05	59.3
MA Economics (Sem II)	36	10	45.00	50.00	5.00	55.56
MA Economics (Sem III)	35	-	16.67	60.00	23.33	85.71
MA Economics (Sem IV)	35	-	23.01	23.01	53.85	74.29
BA (Sem I)	1144	-	20.39	55.34	24.27	9.00
BA (Sem II)	1223	-	16.43	52.11	31.46	17.42
BA (Sem III)	719	-	9.47	59.85	30.68	36.7
BA (Sem IV)	710	1.12	19.33	60.78	19.89	50.28
BA III (Annual)	364	-	15.03	59.8	25.16	84.76
BCA (Sem I)	124	71.4	71.4	28.57	-	5.65
BCA (Sem II)	130	7.69	46.15	53.85	-	10.00
BCA (Sem III)	105	-	32.14	67.86	-	26.7
BCA (Sem IV)	106	-	20.0	62.86	17.14	33.03
BCA III (Annual)	35	-	70.97	29.03	-	88.57
BSc CSC (Sem I)	56	*	-	80.00	20.00	8.93

BSc CSC (Sem II)	59	*	11.11	66.67	22.22	15.25
BSc CSC (Sem III)	57	*	17.24	68.97	13.79	50.88
BSc CSC (Sem IV)	57	*	18.52	81.48	-	47.37
BSc IIICSC (Annual)	27	*	-	58.82	41.2	62.96
BSc Medical (Sem I)	79	*	56.68	40.00	3.33	37.97
BScMedical (Sem II)	79	*	48.84	39.53	11.63	54.43
BScMedical (Sem III)	75	*	42.55	53.19	4.56	62.67
BScMedical (Sem IV)	68	*	60.94	39.06	-	94.12
BScMedical III(Annual)	41	*	34.29	51.43	14.29	85.37
BSc Non Medical (Sem I)	142	*	41.18	44.12	14.71	23.94
BSC Non Medical (Sem II)	162	*	36.99	41.10	21.92	45.06
BScNon Medical (Sem III)	202	*	21.13	64.08	14.79	70.30
BScNon Medical (Sem IV)	207	*	51.55	45.34	3.11	77.78
BScNon Medical III (Annual)	82	*	28.57	57.14	14.29	85.37
BCom (Sem I)	251	1.22	14.96	77.17	7.87	50.6
BCom (Sem II)	266	-	53.70	44.91	1.39	81.20
BCom (SemIII)	297	1.2	44.18	48.59	7.25	83.8
BCom (Sem IV)	296	0.33	40.42	56.25	3.33	81.08
BCom III (Annual)	285	-	45.83	51.89	2.27	92.63
BSc Biotech- Elective (Sem I)	22	-	40.00	60.00	-	45.45

BSc Biotech- Elective(Sem II)	28	-	33.33	50.00	16.67	42.86
BSc Biotech- Elective(Sem III)	15	-	100	-	-	13.33
BSc Biotech- Elective (Sem IV)	19	-	41.67	41.67	16.67	63.16
BSc Biotech Hons(Sem I)	30	-	66.67	33.33	-	50
BSc Biotech Hons (Sem II)	36	-	32.14	46.43	21.43	77.78
BSc Biotech Hons (Sem III)	28	-	88.89	11.11	-	96.43
BSc Biotech Hons (Sem IV)	28	-	89.29	10.71	-	100.00
BSc Biotech HonsIII(Annual)	19	6	68.42	31.58	-	100.00

Please note:

\*Distinction % for

BSc (Sem I) - 5.7%

BSc (Sem II) - 3.57%

BSc (Sem III) - 11%

BSc (Sem IV) - 3.22 %

BSc III (Annual) - 1.90%

### Achievements in Academics

The quality of teaching-learning receives a tremendous boost when our students make a mark for themselves in the Panjab University, Chandigarh annual results and bag top positions in various classes.

NAME	CLASS	SUBJECT	UNIV. POSITION
Neha Bhardwaj	MSc Microbial Biotech Sem I	Microbial Biotech	IV
Jasmeet Kaur	MSc Microbial Biotech Sem I	Microbial Biotech	V
Sanjana Malik	MSc Microbial Biotech Sem I	Microbial Biotech	VI
Megha Bhardwaj	MSc Microbial Biotech Sem I	Microbial Biotech	VII
Sonamjyot Kaur	MSc Microbial Biotech Sem I	Microbial Biotech	X
Gurpreet Saini	MSc Microbial Biotech Sem III	Microbial Biotech	VII
Rumanpreet Kaur	MSc Microbial Biotech Sem III	Microbial Biotech	VIII
Sandeep Negi	MSc (Zoology) Sem II	Zoology	VI
Chetna Bandral	MSc (Zoology) Sem IV	Zoology	IX
Neha Bhardwaj	MSc Microbial Biotech Sem II	Microbial Biotech	III
Jasmeet Kaur	MSc Microbial Biotech Sem II	Microbial Biotech	V
Sanjana Malik	MSc Microbial Biotech Sem II	Microbial Biotech	VII

#### 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- An Academic Calendar is prepared at the beginning of the session
- A Unitised Teaching Plan is sought from the teaching faculty at the beginning of the session
- Regular meetings with the Heads of the Departments, Deans and Coordinators of various Committees/ Cells/ Clubs are held
- Remedial classes are conducted for the students to improve their performance in the final examinations

- Feedback forms are collected from the students on regular basis and suggestions are implemented to improve the Teaching-Learning Processes
- Extra classes for Soft Skill Development, UGC NET and Civil Services Entrance Examinations have been further strengthened
- Academic progression of students is monitored by taking regular tests, assignments, seminars, presentations etc
- Postgraduate students are motivated to participate in research activities
- Up gradation and modernisation/computerization of library resources
- A pupil - centric time table is designed with an objective of optimum use of available resources of the institute
- Departments are encouraged to organise and conduct Guest Lectures/ Seminars/ Workshops/ Conferences to facilitate the Teaching-Learning Process
- The faculty is motivated to participate in Seminars, Refresher Courses, Conferences, Orientation Programmes to update their knowledge skills
- Outstanding positions in various sports have been achieved by Deptt of Physical Education with continuous motivation in the form of fee concessions, sports scholarships, diet money, free hostel and gym facility besides prizes to encourage sports achievers
- Teachers are guided to use modern teaching aids and pedagogy
- Departmental Evaluation Reports are sought from every Department at the end of the session

### 2.13 Initiatives undertaken towards Faculty Development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	03
UGC – Faculty Improvement Programme	05
HRD programmes	60
Orientation programmes	02
Faculty exchange programme	--
Staff training conducted by the University	13
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	64
RUSA	48

#### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of Permanent Positions filled during the Year	Number of positions filled temporarily
Administrative Staff	Aided- 09 Regular- 27	--	Aided- -- Regular- 02	28
Technical Staff	Aided- 16 Regular- 07	--	Aided- 01 Regular- --	01

# CRITERION-III

RESEARCH, CONSULTANCY AND  
EXTENSION

### Criterion – III

#### Research, Consultancy and Extension

##### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- The Research Committee was constituted in 2013 for development of quality research activities in the College. It works in collaboration with UGC Cell, RUSA and College Library
- College Library is member of UGC - approved INFLIBNET N- LIST Programme for accessing research journals. Computers with internet facility are available for the faculty to access the e –resources.
- An Academic Research Lab fully equipped with hi tech computers ,printers and internet facility is available for the faculty to access internet for research purpose
- Faculty members are encouraged to pursue PhD. There is a provision for faculty to avail leave for 2 years as per UGC regulations to carry out research.
- Faculty is motivated for participating and presenting papers at National and International conferences .Duty leave is sanctioned for the same.
- Faculty is encouraged to apply for research projects to various funding agencies.
- College provides facilities and infrastructure to faculty for implementation of research projects.
- Faculty members of various departments are guiding PhD students in collaboration with Panjab University, Chandigarh and other Universities/Research Institutes.
- Faculty members are encouraged to publish research work in Journals to take benefit of CAS
- Various Seminars, Conferences, Workshops and Lectures are conducted where eminent scholars of National and International repute are invited throughout the year.
- Interdisciplinary Scholarship Committee of the College encourages the students to apply for various financial assistance schemes.
- UG/PG students are encouraged to present research papers at National and International Conferences/Seminars/Workshops.
- Reimbursement of registration fees for Seminars and Conferences attended by students.
- Subscription of Journals and purchase of Books.
- MOUs with reputed Institutions and Companies have been signed for skill enhancement.

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	-	-	01
Outlay in Rs. Lakhs	4,00,000/-	-	-	-

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	01
Outlay in Rs. Lakhs	-	-	-	-

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	36	08	-
Non-Peer Review Journals	04	11	-
e-Journals	40	19	-
Conference proceedings	09	06	-

### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned	Received(Outlay in Rs Lakhs)
Major projects	3 years	UGC	7,99,144/-	3,78,599/-
Major projects	3 years	UGC	*	5,79,122/-
Major projects	3 years	UGC	*	8,31,944/-
Minor Projects	1.5 years	UGC	*86,208/-	5,208/-

Interdisciplinary Projects	-			
Industry sponsored	-			
Projects sponsored by the University/ College	-			
Students research projects (other than compulsory by the University)	-			
Any other(Specify) 1. Dr Harjeet Virk received Travel Grant to attend an International Human Resource Management (IHRM) Conference organised by Royal Roads University, Canada		UGC	1,15,039/-	1,15,039/-
2. Dr Jasvinder Singh Bhatti was selected for "UGC Research Award" to pursue cutting-edge research in the field of human genomics at Panjab University, Chandigarh for a period of two years (2015-17).		UGC	Contingency of 3,00,000/-	Contingency of 1,50,000/-
<b>Total</b>				<b>20,59,912/-</b>

\* The projects were sanctioned earlier (Details given in previous AQARs) but their pending installments were received in current session.

### 3.7 Number of books published

i) With ISBN Number

14

Chapters in Edited books

24

ii) Without ISBN Number

--

**3.8 Number of University Departments receiving funds from:**

UGC-SAP  CAS  DST-FIST   
 DPE  DBT Scheme/funds

**3.9 For Colleges** Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE

Any other (specify)

**3.10 Revenue generated through consultancy**

However, one faculty member of PG Deptt of Biotechnology and Microbial Biotechnology, Dr Jasvinder Singh Bhatti collaborated with Panjab University, Chandigarh and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh to pursue cutting-edge research in the field of Human Genomics under UGC Research Award. He received full salary and contingency of Rs 1.5 lakhs per year from UGC.

**3.11 Number of conferences organised by the Institution**

Level	International	National	State	University	College
Number	-	-	-	02	15
Sponsoring agencies	-	-	-	RUSA, College Management (SES)	College Management (SES)

**3.12 Number of faculty served as experts, chairpersons or resource persons: 32**

**3.13 Number of collaborations** International  National   
 Any other

**3.14 Number of linkages created during this year: - 02 MOUs**

### 3.15 Total budget for research for current year in lakhs:

From funding agency  From Management of University/College\*

\*Lab expenses and equipments

Total

### 3.16 Number of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialized	Applied	-
	Granted	-

### 3.17 Number of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist.	College
02	-	02	-	-	-	-

- Dr Jasvinder Singh Bhatti, PG Deptt of Biotechnology and Microbial Biotechnology was awarded UGC Research Award for a period of two years (2015-17). He collaborated with Panjab University, Chandigarh and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh to pursue cutting-edge research in the field of Human Genomics.
- Dr Kanwaljit Kaur, Associate Professor Deptt of Economics was awarded Bharat Vidya Gaurav Puruskar by Indian Solidarity Council for outstanding achievement in the field of Education at New Delhi on February 5, 2016.

### 3.18 Number of faculty from the Institution

PhD Guides

And students registered under them

**3.19 Number of PhD awarded by faculty from the Institution**

**3.20 Number of Research scholars receiving the Fellowships (newly enrolled + existing ones)**

JRF  SRF  Project Fellows  Any other

**3.21 Number of students Participated in NSS events:**

University level  State level   
National level  International level

**3.22 Number of students participated in NCC events:**

University level  State level   
National level  International level

**3.23 Number of Awards won in NSS:**

University level  State level   
National level  International level

**3.24 Number of Awards won in NCC:**

University level  State level   
National level  International level

**3.25 Number of Extension activities organised**

University forum  College forum   
NCC  NSS  Any other

**3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility**

- The Centre for Sikh Studies organised a lecture ‘Janam Sakhi Sahit’ to inculcate moral and ethical values among students exemplified through the life and work of our great seers.

Students enacted a religio-cultural and historical theatrical play ‘Baba Banda Singh Bahadur’ which won numerous acclaims.

- ‘Gurmat Vichar Sabha’ celebrated Gurupurab and 50th Founder day of College.
- Faculty and students visit Gur Asra, an orphanage for girls at Mohali, twice a month to keep up with the mission of College ‘Well-being of all mankind’.
- College organised Gurmat Hobby Classes including Calligraphy, Gurmat Sangeet and Gatka Training.
- To promote social responsibility among students, the Environmental Society organised various activities like Expert Talks, Poster Presentation, Nukkad Natak and educational trips for students.
- ‘Campus Beautification Committee’ celebrated Herbal Day and organised Tree plantation drive. They also took the students for educational trip to Energy Park, Sarangpur.
- The Red Ribbon Club organised an awareness rally on World AIDS Day.
- The Expression Club of Commerce, The Economics Society, The Young Speaker Association and Techmates Club of Computer Science organised various activities for students to enhance technical interactions and grooming of rhetorical skills.
- ‘Vikalp’ celebrated Hindi Diwas by organising a lecture.
- ‘Mosaic’ organised creative writing competition in which students participated in poetry, essay and short story writing competitions.
- Students of PG Deptt of English were accompanied by faculty members to watch :Girish Karnad’s play ‘ Fire and Rain’ ,the enactment of Beckett’s ‘Waiting for Godot’ and the Birth Centenary Celebration of Ismat Chughtai organised by Adab Foundation
- ‘Student Center Association’ (SCA) organised trips to Golden Temple Amritsar, Nanital and Jim Corbett Park. They also celebrated birthday of Shaheed Bhagat Singh.
- Cultural activities are promoted and students are motivated by the faculty to participate in various Intercollege and University levels events.
- To promote holistic growth among students, College Magazine ‘Agammi Jyot’ offers a great educative platform to budding student writers by encouraging their creativity and giving expressions to their inner thoughts in a language of their choice i.e. English,Hindi and Punjabi.

- In the current session, the Special Golden Jubilee issue ‘Agammi Jyot’ had a section for the Alumni of the College to share the memories and experiences related to their alma mater. A special event was organised where the students interacted with the prominent alumni and were inspired by them to achieve their goals in life.
- To inculcate spirit of social inclusion among students, they were encouraged to interact with the Non-Teaching Staff of the College as well as interview them so as to empathise with their problems and appreciate their contribution towards the College. A page dedicated to these invisible pillars was added in the magazine.
- In order to make the curriculum more relevant innovative techniques are adopted like Industry-Institute Interface which was organised by the Placement and Career Counseling Cell. It bridges the gap between academics and requirements of the industry and trains students to be proficient for Group Discussions and Interviews in various sectors.
- Community Service has been an integral part of the College activities. In this regard, NSS wing of College has organised various activities like:
  - a) Special Camp on the theme ‘Swachh Bharat Abhiyaan’
  - b) Rally and survey on the above mentioned theme in adopted Village Kaimbwala
  - c) Tree Plantation Drive for environment awareness
  - d) Walkathon – a walk of hope to spread awareness regarding peace and harmony
  - e) Blood donation camp
  - f) Participation in Dengue Awareness Programme
  - g) Medical Camps

# CRITERION-IV

INFRASTRUCTURE AND LEARNING  
RESOURCES

## Criterion – IV

### Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	15 Acres	-	-	15 Acres
Class rooms	56	-	Management	56
Laboratories	26	-	Management	26
Seminar Halls	02	-	Management	02
No. of important equipments purchased ( $\geq$ 1-0 Lakh) during the current year.	10	6	Management	16
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs 37,82,234/-	Rs 55,99,824/-	Management	Rs 93,82,058/-
Others {Books, newspapers, magazines, journals (e and printed), CD and video};{Printing and stationary}	Rs 3,84,566/- + Rs 8,14,695/- =Rs 11,99,261/-	Rs 7,02,500/- + Rs 7,08,488/- =Rs 14,10,988/-	UGC + Management	Rs 26,10,249/-

#### 4.2 Computerisation of Administrative Office and Library

##### **Administrative Office :**

- To manage the examination fee, an ERP based customized software is used by examination branch of the college.
- Tally software is used for finance and accounts management.
- The examination branch is linked with online University portal for the Semester Examinations of all classes.

##### **Library:**

- The library is partially automated with SOUL 2.0 software.
- Bar code reader is used to get details of books.
- Online Public Access Catalogue available
- NLIST- E-Resources from INFLIBNET available
- Electronic Resources like e-journals and e-books are available
- Internet facility available for faculty
- The stock verification is done at the end of academic year.

### 4.3 Library services:

Library Facilities	2015-16		
	No.		Amount (in Rs)
Text Books and Reference Books	569 (Newly Added)	49789 (Acc. No.)	272240/-
Newspapers	16		23182/-
Magazines	20		27435/-
Journals (Print)	42		132643/-
e-Journals	18		Online Subscription with Print Journals
CD and Video	336		complimentary with Books
Digital Database	1. Library Automation Software- Soul (From INFLIBNET, Ahmedabad) 2. N-List E-Resources Subscribed from INFLIBNET - Annual Subscription = Rs 5000/- (Including e-journals, e-books, e-databases )		

### 4.4 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing centres	Computer centres	Office	Deptt	Others
Existing	150	5	*	02	1	20	25	04
Added	07	-	-	-	-	-	-	-
Total	157	5	*	02	1	20	25	04

\* Wi-Fi enabled campus

#### **4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)**

- **Wi-Fi**

The campus is Wi-Fi enabled. Both students and faculty members can access internet services through tablets, laptops and mobile phones. The Deptt of Computer Science provides and manages the internet access to the various Departments of the College.

- **Organising various Workshops**

A Workshop on ‘Java and Testing’ was conducted in collaboration with Bebo Technologies on October 21, 2015.

A Workshop on PHP in association with Indivar Company was conducted for the students of Computer Science on March 2, 2016.

- **CCTV and security**

The campus is secured by CCTV cameras.

#### **4.6 Amount spent on maintenance in Rs:**

i) ICT	12,030/-
ii) Campus Infrastructure and facilities	13,38,711/-
iii) Equipments	61,469/-
iv) Others	1,03,770/-
Total amount spent on maintenance	15,15,980/-

# CRITERION-V

STUDENT SUPPORT AND  
PROGRESSION

## Criterion – V

### Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC comprises of faculty and students as members, and therefore all the support which is needed by the students is noted and passed on to the higher authorities for implementation
- Notice boards are regularly updated to ensure active participation by students in various activities
- Parent Teacher Association, Alumni Meets and existence of Grievance Redressal Committee, Placement Career Counseling Cell, Dean Student Welfare and Dean Culture, all contribute towards awareness, betterment and development of students
- There are about 54 functional committees\* which work throughout the year for the overall progress of the students.

\*List of committees is attached as an Annexure-III at the end of this criterion.

#### 5.2 Efforts made by the institution for Tracking the Progression

- Feedback was collected from different stakeholders at the time of Convocation, Prize Distribution and through Facebook page of the college
- College seeks feedback from its ex-students through Alumni Association of the college. Alumni provide suggestions to improve college infrastructure and teaching-learning methods during regular meetings.
- Tutorial groups were created to maintain a detailed record of student's progress in studies and other activities. The students are placed under the guidance of tutors who keep track of their performance. Also, timely meetings of parents and teachers were organised to inform them about their ward's performance.
- Remedial classes were conducted to solve the problems of students related to their subjects
- Views shared and suggestions given by the Alumni and Parent Teacher Association on these aspects help the College and its authorities on several fronts.
- The performance of the teaching faculty is tracked through feedback forms obtained from the students enabling them to deliver better.

**5.3 (a) Total Number of Students**

UG	PG	Ph. D.	Others
4960	754	-	-

**(b) Number of Students outside the State**

2715

**(c) Number of International Students**

69

Men	Number	%
	3485	61

Women	Number	%
	2229	39

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Differently abled	Total	General	SC	ST	OBC	Differently abled	Total
4435	387	92	179	15	5108	4707	456	270	274	07	5714

Demand ratio: 1: 1.5

Dropout %: 6

Number of students admitted 5714, No. of Forms sold 8700, Number of students discontinued: 346

**5.4 Details of student support mechanism for coaching for Competitive Examinations (If any)**

- RUSA Cell of the College conducted UGC NET classes for MSc IT, MSc Maths, MSc Zoology, MSc MBT, MSc Bio-tech, MCom and MA Economics in the month of March, 2016
- PG Deptt of English trains BA/ BSc/ BCom students in group discussion and public speaking like debate and declamation to prepare them for interviews
- PG Deptt of Commerce help and guide the students for CA, CS, CMA and Bank competitive exam during their Tutorial classes
- Library of the College provides adequate books, magazines, journals and N-List E-resources for competitive exams

Number of student beneficiaries

94

### 5.5 Number of students qualified in these examinations

NET	<input type="text" value="8"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="2"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="3"/>

UGC NET(8) : 5 Commerce: Amandeep Kaur, Amir Khan, Komal, Kritika and Pallavi, 1 Zoology: Abdul Ghani, 1 Biotech: Priya Mehra, 1 Maths: Manjeet Singh

CAT(2): 2 Commerce: Amrit Lal and Rohit

Others(3): 1 PGDCA: Videsh Vashisht (Clerical Exam), Ankita Sharma (Bank P.O), 1 Commerce: Yogita

### 5.6 Details of Student Counselling and Career Guidance

- Placement and Career Counselling Cell of the College was actively involved in student counselling and career guidance
- The Placement Career Counseling Cell organised Industry-Institute Interface, I<sup>3</sup> on November 18, 2015 for bridging the gap between academics and requirements of the industry so as to make the youth employable and job-ready. Prof S K Chadha, Prof Nandita from Panjab University, Chandigarh, Mr Sofi Zahoor, Mr Himmat Singh, Mr Amarjit Singh Rai and Mr S S Virdi from the Industry participated in the interface.
- With the efforts of the Placement Career Counseling Cell, the College was able to sign 02 Memorandum of Understanding with Job Destination, a leading Recruitment Company of India having its registered office at SCO-41, Phase -2, Mohali, Punjab. The first one was regarding training of students (e-training) for better placement opportunities through Workshops on Resume Writing, provision of relevant study material, conduct of mock interviews etc and second, regarding Portal Access specifically for the benefit of Final Year students of all streams

No. of students benefitted

## 5.7 Details of Campus Placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed / Shortlisted	Number of Students Placed / Shortlisted
1. ICICI Bank	19	6	-
2. ICICI Bank	11	4	-
3. Competent Synergies	117	29	-
4. TATABSS			
5. Indus Ind Bank			
6. ICICI Prudential Life Insurance	30	13	-
Total 6	177	52	-

## 5.8 Details of Gender Sensitisation Programmes

- Anti –Sexual Harassment Cell, Grievance Redressal Cell and Anti-Ragging Cell of the College are actively involved in informal discussions with the students to create awareness on violence against women and sexual harassment.
- Dean Student Welfare (Girls) is constantly involved in maintaining discipline among girl students, congenial atmosphere in the hostel, coordinating with parents/guardians, organising student related activities and advising them regarding elections.

## 5.9 Students Activities

### 5.9.1 Number of students participated in Sports, Games and Other Events

State/ University level

399

National level

102

International level

06

## Number of students participated in Cultural Events

State/ University level  National level  International level

## 5.9.2 Number of medals /awards won by students in Sports, Games and Other Events

**Sports:** State/ University level  National level  International level

**Cultural:** State/ University level  National level  International level

## Medals won by Students in Sports and Games

### International Level

Hockey	1	Silver Medal
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### North Zone Intervarsity Championship

Football	5	
Basketball	1	Gold Medal
Table Tennis	1	Bronze Medal

### Senior National Level

Judo	1	Gold Medal
Athletics	1	
Judo	2	Silver Medal
Taekwondo	2	
Judo	1	Bronze Medal
Softball	2	

### All India Intervarsity Level

Swimming	10	
Taekwondo	1	
Netball	5	Gold Medal
Judo	1	
Judo	2	
Archery	1	Silver Medal
Rowing	1	

Judo	1	Bronze Medal
Canoeing	1	
Boxing	3	
Kabaddi	5	
Athletics	2	

### International Level

S. No.	Name	Championship	Position
1	Gagandeep Singh	Hockey	Second

### North Zone Intersvarsity Championship

S. No.	Name	Championship	Position
1	Rohit Aakash Sangwan Amandeep Singh Akashdeep Singh Chinkash Tiwari	Football	First
2	Rajesh	Basketball	First
3	Rishabh	Table tennis	Third

### Senior National Level

S. No.	Name	Championship	Position
1	Vishal Ruhil Vishant Singh Ruhil Niamudin Rahul	Judo	First Second Second Third
2	Nakul Mohit	Teakwondo	Second Second
3	Simrat Singh Gill Vikramjeet Singh	Softball	Third Third
4	Princedeeep Singh	Athletics	First

### All India Intersarsity Level

S. No.	Name	Championship	Position
1	Jashandeep Singh Tejinder Singh Naveen Kumar Kuldeep Singh Abhishek Ravinder Karandeep Vipin Shivroop Mohit	Swimming	First
2	Mohit kumar	Taekwondo	First
3	Vipin Rohit Dhull Harinder Singh Sumit Berwal Ajay	Netball	First
4	Vishal Vishant Singh Ruhil Nitin Rahul	Judo	First Second Second Third
5	Sunil Bahadur	Archery	Second
6	Jagraaj Singh	Rowing	Second
7	Parminder Singh	Canoeing	Third
8	Mansoor Ahmed Shubham Singh Saagar	Boxing	Third
9	Gurinder Singh Deepak Sandeep Monu Vijay	Kabbadi	Third
10	Baljinder Singh Jagdev Singh	Athletics	Third

### Prizes in Cultural Events: PU Youth & Heritage Festival

S. No.	Item	Category	Prize
1	Bhangra	Group	Second
2	Kali	Group	Third
3	Mehandi	Solo	First
4	Crochet	Solo	Third
5	Eenu	Solo	Third

### Detail of Items/ Positions in PU Youth & Heritage Festival

S. No.	Item	Position	Student Name
1	Group Singing	3rd	-
2	Classical Vocal	3rd	Abhishek
3	Creative Writing (Story)	2nd	Karamjit Kaur
4	Bhangra	1st	-
5	Giddha	3rd	-
6	Histrionics	1st	Nisha Bhatt
7	GuddianPatole	1st	Payal Rani
8	ChikkuMaking	1st	SakshiVerma
9	Naala Making	1st	PriyaRana
10	Khiddo Making	1st	Ririka Dutta
11	Eennhu Making	1st	PriyaRana
12	Peerhi Making	2nd	Baljeet Kaur
13	RassaVattna	2nd	Meenakshi
14	Knitting	2nd	Manisha
15	Skit	2nd	-
16	Long Heik	2nd	-
17	Poem Recitation	2nd	Harsimran Kaur
18	Prandha Making	3rd	Jaspreet Kaur
19	Phulkari	3rd	Jaspreet Kaur
20	Cross Stich	3rd	PriyaRana
21	Crochet	1st	Kuljeet Kaur
22	Mehandi	1st	AkankshaVerma
23	Pakkhi	1st	Rajinder Kaur
24	Vaar Singing	1st	-
25	Kavishri	1st	-
26	Kali Singing	1st	-
27	Folk Orchestra	2nd	-
28	Folk Instrument	3rd	Vishal Kaushal

### Medals won by NCC Army Wing and NSS Award

S. No.		Names	Prize
1	NCC Army Wing	Cadet Raj Shekhar Gautam	Gold Medal
2	NCC Army Wing	Cadet Ajay Singh Sanwan	
3	NCC Army Wing	Cadet Sachin Kumar	
4	NCC Army Wing	SUO Bhupinder Singh	Medal
5	NSS	Summit Kumar (NSS Volunteer)	State NSS Award

### 5.10 Scholarships and Financial Support

	<b>Number of Students</b>	<b>Amount (Rs)</b>
<b>Financial support from institution (Scholarship)</b>	876	93,73,782/-
<b>Financial support from institution(Cultural and Sports)</b>	686	31,24,790/-
<b>Financial support from government</b>	98	18,32,024/-
<b>Financial support from other sources</b>	04	57,700/-
<b>Number of students who received International/ National recognitions</b>	65	12,42,650/-

### 5.11 Student Organised / Initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of Social Initiatives undertaken by the students

5.13 Major Grievances of students (if any) redressed: No major grievances

### Annexure III

#### List of Committees for the session 2015-2016

S. No.	Name of Committee	S. No	Name of Committee
1	Controller of Examination	28	Placement and Career Counseling Cell
2	Bursar	29	Campus Beautification
3	Registrar (Academics)	30	Media Cell
4	Registrar (Publications)	31	Hostel Warden
5	Advisory Committee	32	Parent Teacher Association
6	Dean Admissions	33	NSS Programme Officers
7	Dean Alumni Association	34	NCC In-charge
8	Dean Foreign Students	35	Time table In-charge
9	Dean Research	36	Staff Secretary
10	Dean Student Welfare	37	Editor-in-Chief of College Annual Magazine
11	Dean Girls Students	38	Editors of various sections of annual magazine
12	Dean Cultural Activities	39	College Prospectus Committee
13	Coordinators of Environmental Society	40	Hostel Committee
14	Coordinator Fee Concession	41	Purchase Committee
15	Coordinator Scholarship	42	Construction & Repair Committee
16	Coordinator NET Classes	43	Student Council Association
17	Coordinator Remedial Classes	44	Darpan Drama Club
18	Red Ribbon Club	45	Mosaic Literary Club
19	Centre for Sikh Study	46	Expression Club of Commerce
20	IGNOU	47	Punjabi Sahit Sabha
21	Gurmat Vichar Sabha	48	Bits n Bytes Association
22	Coordinators of UGC	49	Young Speaker Association
23	Coordinators of RUSA	50	Techmates Club
24	RUSA Committee	51	Economics Society
25	Internal Quality Assurance Committee (IQAC)	52	Chemical Society
26	Anti Ragging Cell	53	Zoology Society
27	Anti Sexual Harassment Cell	54	Member Governing bodies

# CRITERION-VI

GOVERNANCE, LEADERSHIP AND  
MANAGEMENT

## **Criterion – VI**

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

#### **6.1 State the Vision and Mission of the Institution**

##### **Vision**

The College has been set up with a clear vision to pursue excellence in all fields of education and learning by adhering to the highest standards of academic rigour in all its work. The teachings and lofty ideals of Sri Guru Gobind Singh Ji, after whom the College has been named, form the vision of this College. Inspired by the zeal to promote higher learning, the College is committed to impart affordable quality education by using innovative teaching methodologies to a wide cross section of society without any distinction of caste, creed and religion.

##### **Mission**

“Excelsior”– is our perpetual mood and “Well-being of all mankind” - is our mission. The insignia of the College carries an imprint of the 'Pen and Sword', a combination of wisdom and valour, guarding the 'flame of knowledge' with the College motto- “All mankind are one”, inscribed atop. There has been a consistent endeavour in all these years to live up to the ideals and teachings of the tenth Guru, Sri Guru Gobind Singh Ji enshrined in the insignia of the College which has been designed by the legendary artist S Sobha Singh.

#### **6.2 Does the Institution have a Management Information System?**

Yes. Dual system of Management Information System (MIS) is being used at present – manual and computerised. Some departments are fully manual, some computerised and some are using both systems. Some information is in the published form.

- **Computerised**

- Accounts Department
- Library

- **Manual and Computerised**

- Students’ record: personal information, Attendance, marks of House Tests, Internal Assessments, University examination details, comparative pass percentage, issuing of I-Cards
- Faculty Service Records

- Faculty Leave Records
- Notices- administrative, departmental, examination etc

- **Manual**

- Self-Appraisal of Faculty
- Lectures delivered by teachers and attended by students
- Meetings and activities of all Departments/Offices
- Notices of Cultural , Co-curricular activities, NCC, NSS, various Clubs /Associations/Societies and Hostels

- **Published**

- Prospectus, College Annual Report, Annual College Magazine

### **6.3 Quality improvement strategies adopted by the institution for each of the following:**

#### **6.3.1 Curriculum Development**

- Curriculum designed by Panjab University, Chandigarh
- Some of the faculty from various streams are members of the Panjab University Board of Studies wherein they actively contribute towards curriculum framing

#### **6.3.2 Teaching and Learning**

- Learner-centric education approach which includes interactive instructional techniques like debates, projects, library visits, surveys, laboratory experiments, practical classes, use of smart classrooms, presentations, power point presentations by PG students/ teachers
- Educational tours, field visits, industry visits
- Seminars/ Workshops/ Expert lectures by eminent scholars organised
- Group discussions, mock interviews, soft-skills classes, career oriented seminars, motivational speeches are part of the learning to train students' for placement
- Tutorial classes, UGC-NET classes, Remedial classes and Civil services Entrance Examination
- Separate teacher assigned per class for academic counselling

#### **6.3.3 Examination and Evaluation**

- Semester and Final Examinations are held as per Panjab University Academic Calendar for all regular, private and correspondence students enrolled in the University/ College
- The Controller Examination of the College ensures smooth conduct of College and University Examinations
- Mid Semester answer scripts are shown to students to discuss their weaknesses, prepare for final examination and shortlist students for remedial classes
- Attendance and mid semester marks are communicated to the parents and Parent Teacher Meetings are conducted to review student performance
- Internal Assessments are awarded for each paper of different subjects in all the courses as per University norms
- Due credit is given to students during internal assessments for outstanding achievements in sports and co-curricular activities at the State, National, International levels
- External and Internal Examination related duties of the faculty include evaluation, paper setting, paper marking, conduct of examination as Superintendents and Invigilators and conducting viva
- Record maintenance: Soft/ hard copies of Mid Semester and Final Examinations, student attendance, signature charts, seating plans etc
- College lends infrastructure and manpower to conduct examinations by various agencies like Banks, UGC-NET, CSIR-NET, etc

#### **6.3.4 Research and Development**

- Teaching faculty members of various departments are guiding PhD students in collaboration with Panjab University, Chandigarh and other Universities/Research Institutes.
- Faculty members are encouraged to pursue higher education /PhD; duty leave is granted to participate and present papers in various State, National and International Seminars/ Conferences; to write research papers, articles, chapters in various books and journals of National/ International repute; to apply and complete UGC Major and Minor research projects
- The Research Committee, UGC Cell and Library of the College collaborate to stimulate quality research activities; organise Faculty Development Programmes; organise workshops across disciplines and departments

- The College Library subscribes to various journals and e-resources through UGC approved INFLIBNET N-List in multiple disciplines which can be accessed by faculty
- Well- equipped Academic Research Lab for faculty
- Various Seminars, Conferences, Workshops and Lectures are conducted and eminent scholars of National and International repute are invited throughout the year.
- UG/PG students are encouraged to present research papers at National and International Conferences/Seminars/Workshops.

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

#### **Library**

- Bar-coding of books
- Online Public Access Catalogue available
- NLIST- E-Resources from INFLIBNET available
- Electronic Resource : e-journals and e-books are available
- Internet facility available for faculty
- Special collection includes Result Gazettes of Panjab University Examinations, Newspapers clippings and Employment alerts

#### **ICT**

- The College campus including the hostel has been Wi-Fi enabled
- An Academic Research Lab fully equipped with hi tech computers, printers and internet facility is available for the faculty
- PG Dept of Zoology has upgraded its Postgraduate Laboratory into a Smart Laboratory
- The PG Dept of Computer Science has 5 state-of-the-art laboratories, fully air conditioned with 110 system of advanced configuration including 22 with i5 processor, 03 IBM servers and permanent licensed software like Windows, MS Office, Visual Studio, Oracle and a laboratory well equipped with printers, a photocopier, scanner

#### **Physical Infrastructure/ Instrumentation**

- Four Storeyed Arts, Sciences and Post Graduate Blocks
- 56 Spacious and furnished Class Rooms including 03 Smart Class Rooms

- 03 Chemistry Laboratories, 03 Physics Laboratories, 01 Dark Room Laboratory, 05 Computer Science Laboratories, 02 Botany Laboratories, 01 Botany Herbarium, 07 Biotechnology Laboratories, 01 Bio-informatics Laboratory, 02 Zoology Laboratories, 01 Zoology Museum and 01 Research Lab
- Air conditioned Conference Hall and Multipurpose Hall
- Gurudwara Sahib for spiritual and holistic development, Centre for Sikh Studies
- Student Centre, Girls Common Room
- Sports infrastructure: Basketball Court, Kho-Kho Court, Korfball Court, Lawn Tennis Courts, Netball Court, Volleyball Court, Soft Ball Ground, Base Ball Ground, Handball field, Hockey field, Table Tennis Tables and Archery Range
- On campus Boys' Hostel with facilities like a separate Study Room, Fitness Centre, Indoor Games, common room along with LCD TV, water coolers and geysers
- Accommodation for girls student is provided in the Girls' Hostel of Guru Gobind Singh College for Women situated on the same campus
- State Bank of India
- Stationary cum Photostat Shop, Juice Shop
- 'Bhai Kanhiya' Health Centre shared with SGGS College of Pharmacy on the same campus
- Water dispensers on each floor of the building, 24 hour power supply, CCTV cameras in Campus and the Hostels
- Botanical Garden
- Ramp for differently abled persons
- Guest House
- Departmental rooms
- Various office bearers are allotted separate offices for proficient working
- Xerox facility for faculty in the administrative office
- PG Deptt of Computer Science has a Reference Library equipped with 202 books, 94 sample books, and subscription of 3 magazines
- PG Deptt of English has a Reference Library equipped with 146 books and 19 CDs related to literature and linguistics

- PGDeptt of Biotechnology is equipped with new instruments like CO<sub>2</sub> Incubator, Tissue Culture Racks, 03 Electronic Weighing Balances, and Autoclaves. Plant Tissue Culture Laboratory (PTC) was established in the department

### **6.3.6 Human Resource Management**

- Regular performance appraisal of teaching and non-teaching staff is done
- Various duties/offices are allotted to teaching and non-teaching staff on rotation for a term of 02 years
- The computer skills of the teaching/ non-teaching staff are frequently upgraded through periodic workshops.
- The faculty members are encouraged to participate in National/ International Seminars/ Conferences to upgrade their academic skills.
- Teaching Faculty members are active representatives of various academic bodies of Panjab University, Chandigarh i.e. Board of Studies for Postgraduate/ Undergraduates courses. Few teaching faculty are members in National/International academic bodies
- Teachers are encouraged to guide PhD students in collaboration with Panjab University, Chandigarh and other Universities/ Research Institutes
- Teachers are motivated to attend Orientation/ Refresher Courses/ Faculty Development Programme/ Staff Training Courses for their professional development
- Study leave is also sanctioned for higher studies
- Members of the faculty are assigned rotational duties in various clubs and committees to benefit from their extra-academic proficiency in diverse fields
- Staff members are given appreciation letters and honoured for their achievements and performance
- Non-teaching staff members are honoured for their hardwork and performance
- Sports staff are appreciated by giving them cash awards, track suits and winter apparels. Gardeners are given cash awards as appreciation for their hardwork and bagging awards in various Flower Festivals
- Due credit is given to students for outstanding achievements in academics at College/University level and in sports/ co-curricular activities at the State, National and International levels

- Students are encouraged to apply for various Scholarships
- Fee Concession is provided to the needy students
- UG/PG students are encouraged by teachers to present research papers at National and International Conferences/Seminars/Workshops and reimbursement of registration fees by college

### **6.3.7 Faculty and Staff recruitment**

- Recruitment of grant-in-aid/ self-financing post of teaching faculty is done according to UGC, Panjab University, Chandigarh, DHE Chandigarh Management (Sikh Educational Society) guidelines
- The recruitment of non-teaching staff is done within the parameters provided by Panjab University, Chandigarh, DHE Chandigarh Management (Sikh Educational Society) guidelines
- Faculty (permanent and contractual) is recruited based on the estimated workload for the academic year prepared before the beginning of the new session
- In this session, 51 appointments of faculty on Contract and 01 on Permanent basis were made

### **6.3.8 Industry Interaction / Collaboration**

Placement and Career Counselling Cell organised:

- Campus Placement/ Recruitment Drives and Information and Guidance about professional/job-oriented courses for students (52 candidates short-listed in 06 placement drives)
- Partnership activities with Industry like practical training of students and Industry-Institute Interface (I<sup>3</sup>)
- 02 MOUs with a leading recruitment company of India:

The first one was regarding training of students (e-training) for better placement opportunities through Workshops on Resume Writing, provision of relevant study material, conduct of mock interviews etc and second, regarding Portal Access specifically for the benefit of Final Year students of all streams.

### 6.3.9 Admission of Students

- Annual reviews/ improvements conducted by College Admission Committee which supervises admission process
- Admissions as per Panjab University, Chandigarh guidelines
- Reservation policies as per Panjab University, Chandigarh regulations
- College/ Hostel information and admission form conveyed through the printed Prospectus and on website [www.sggscollege.ac.in](http://www.sggscollege.ac.in).
- Pre admission counselling and guidance of students by faculty
- BCom admission is centralised by Panjab University, Chandigarh
- Admission on merit basis to BA, BA (IT), BCA, BSc (Medical/Non-Medical), BSc (Biotech), PGDCA, MA (English/ Punjabi/ Economics), MSc (Maths/ Zoology/ IT/ Biotechnology/ Microbial Biotechnology), MCom courses
- 5714 students admitted in session 2015-16

### 6.4 Welfare schemes for:

Teaching	<ul style="list-style-type: none"><li>• Provident Fund, Group Insurance Scheme, Employee's Deposit Linked Insurance (EDLI) Schemes by the College</li><li>• Bursar for facilitating quick allocation of funds</li><li>• Orientation, Refresher and Short Term Courses offered by Academic Staff College</li><li>• Duty leave for various Career Advancement Programmes</li><li>• Gurudwara Sahib for spiritual and holistic development</li><li>• AC staff rooms, water coolers, washrooms on every floor</li><li>• 'BhaiKanhiya' Health Centre shared with SGGGS College of Pharmacy on the same campus</li><li>• Tuition fee concession to the children of permanent faculty</li><li>• Loans from the Employee Provident Fund for marriage, higher education of children, purchase of vehicle, and construction of house are available</li><li>• Ramp for differently abled and facility of wheelchairs</li><li>• SBI branch</li></ul>
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Non-teaching	<ul style="list-style-type: none"> <li>• Provident Fund, Group Insurance Scheme, EDLI by the College</li> <li>• Training in Software, Office skills and regular training sessions for laboratory attendants. Departmental training during vacations and on-the-job training is arranged</li> <li>• Job-rotation in different sections of the offices is practised for transparency and controlling stagnancy</li> <li>• Sports staff are given cash awards, track suits and winter apparels</li> <li>• Gardeners are given cash awards as appreciation for their hardwork by bagging awards in various Flower Festivals</li> <li>• Gurudwara Sahib for spiritual and holistic development</li> <li>• WiFi enabled ,fully computerized, centrally AC, Administrative Office</li> <li>• ‘BhaiKanhaiya’ Health Centre which is shared with SGGGS College of Pharmacy on the same campus.</li> <li>• Tuition fee concession to the children of Staff Members</li> <li>• Ramp for differently abled and facility of wheelchairs</li> <li>• SBI branch</li> </ul>
Students	<ul style="list-style-type: none"> <li>• Scholarships and concessions ( details mentioned in the Annual Prospectus)</li> <li>• Group Insurance Scheme by the College</li> <li>• Library with Internet facility open till 4pm</li> <li>• Dean Student Welfare (Boys and Girls), Dean Alumni</li> <li>• Placement and Career Counselling Cell, Anti- Sexual Harassment Cell, Grievance RedressalCell,Media Cell</li> <li>• Cultural Activities</li> <li>• Sports Department</li> <li>• Gurudwara Sahib for spiritual and holistic development</li> <li>• Girls’ Common Room</li> <li>• Hostel (separate hostels for boys and girls)</li> <li>• Separate washrooms for girls and boys on each floor</li> <li>• Water coolers equipped with purifiers.</li> <li>• Photocopying facility at concessional rates</li> <li>• Canteen, Juice shop</li> <li>• Ramp for differently abled and facility of wheelchairs</li> <li>• SBI branch</li> </ul>

### 6.5 Total corpus fund generated

The accumulated fund has been reduced by Rs 18, 41,051.30/- due to excess of expenditure over income during the year. The balance of accumulated fund as on 31-03-2016 is Rs 8, 91, 05,638.97/-.

6.6 Whether annual financial audit has been done: Yes  No

### 6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	Management
Administrative	No	--	Yes	Management

### 6.8 Does the University declare results within 30 days?

The Semester examinations, evaluations and the declaration of results fall within the purview of Panjab University, Chandigarh.

For UG Programmes : No

For PG Programmes : No

### 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

As per Panjab University, Chandigarh guidelines.

### 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- Affiliated to Panjab University, Chandigarh the College is bound by all its rules and regulations

- The Panjab University promotes limited autonomy as mentioned in ‘Powers and Functions of the Principal of an Affiliated College’ in Panjab University Calendar (Vol-III/ Pg 304/ year 2007)

### **6.11 Activities and support from the Alumni Association**

The College has produced alumni who are occupying prestigious positions in the field of civil services, armed forces, medical and other science careers, education, politics, social work and business etc. They are actively involved in the betterment of their alma mater.

- Alumni representation in the IQAC and Executive Committee of the College Management (SES)
- The release of the special Golden Jubilee issue of the Annual College Magazine ‘AgammiJyot’ on January 28, 2016 was a historic moment as it saw the presence of prominent alumni and Professors associated with the College over the years. Prominent among them were S BirDevinder Singh, an alumnus of the first batch of College and ex Deputy Speaker, Punjab Vidhan Sabha, Prof RS Ghuman, Nehru-SAIL Chair, CRRID ex-professor of the college and Prof HS Mehta, first editor of the College Magazine from 1966-68 and former faculty of Deptt of English. They highlighted the role of Sri Guru Gobind Singh College in shaping their personalities, career and shared nostalgic memories, which were motivating for staff and students.
- In order to commemorate the Golden jubilee of the College (established 1966), a new section was added to the special edition of the Annual College Magazine ‘AgammiJyot’. This was named ‘50 Years in Retrospect-- Alumni Section’ where numerous Alumni shared their memories and experiences related to their Alma Mater.
- Proficient Alumni contribute as coaches for sports and cultural activities
- A distinguished alumnus of the College, DrJatinder Singh, former Deputy Director Animal Husbandry, Punjab contributed towards promoting activities for science students in the College.
- The students of the College interact with the alumni during the Annual Alumni Meet for guidance and inspiration.
- A copy of Annual Report and College Magazine was mailed to the alumni by post.
- Annual Alumni Meet 2015-16 was held on January 18, 2016

### **6.12 Activities and support from the Parent – Teacher Association**

The College has an active Parent Teacher Association

- Parents' suggestions and feedback are welcomed by Principal and College Management
- Parents are allowed to meet the concerned faculty/ Principal as and when required so as to know the academic performance and conduct of their wards
- A viable record of personal details of parents/guardian is maintained for reference

### **6.13 Development programmes for support staff**

- Training in Software, Office skills and regular training sessions for laboratory attendants and library staff
- Departmental training during vacations and on-the-job training is arranged
- Job-rotation in different sections of the offices is practised for transparency and controlling stagnancy
- Sports staff are given cash awards and track suits / winter apparels
- Gardeners are given cash awards as appreciation for their hard work by bagging awards in various Flower Festivals
- WiFi enabled ,fully computerized, centrally AC Administrative Office

### **6.14 Initiatives taken by the institution to make the campus eco-friendly**

- The Botanical Garden was developed in2015 into a full-fledged garden by judiciously utilising the unused area of the College. It is equipped with store house, office and big water reservoir to meet the water requirement
- It is aesthetically designed with different varieties of Hydrophytes and Xerophytes.This benefits studentsof Botany and spreads awareness of environment among all students
- Continuous efforts are made to upgrade the Botanical Garden .The name plates of plants have been displayed with classification and medicinal value to educate students
- Compost pit was set up to decompose organic waste of the campus
- Solar Greenhouse wassetup in the Botanical Garden along with Herbal Garden
- Bird houses, feeders and water baths have been placed in the garden in order to attract various species of birds and provide water and shelter in extreme weather conditions

- Herbal Day celebrated on August 31, 2015
- ‘*Chukrasiatubularis*’ planted in the parking lot to provide natural shade to parked vehicles besides its medicinal value
- Faculty and students have been assigned duties for eco-friendly beautification and maintenance of the campus
- Tree Plantation Drives are organised annually by NSS/ Campus Beautification Committee/ Red Ribbon Club to create environmental awareness
- Rain water harvesting unit set up in Boys’ Hostel
- Educational trip to Botanical Garden and Energy Park, Sarangpur on February 5, 2016
- Waste bins kept at various places
- E- communication encouraged to reduce the usage of paper
- Knowledge on e- Waste management and hazardous waste management was imparted to students and motivated to use renewable sources of energy
- Various eco-friendly energy conservation measures are adopted which includes use of low power consuming items, use of CFL lights and installation of 02 Solar lights
- Environmental Society of the College in collaboration with Department of Science and Technology (DST), Chandigarh organised Intercollege competition of Poster Presentation and Rangoli Making on the theme ‘Go Green’ to celebrate ‘Green Consumer Day’ on October 9, 2015
- NSS volunteers adopted a lawn in the College campus for beautification
- BSc Medical students executed ‘NukkadNatak’ on ‘Swachh Bharat’ in February 2016 on the College campus
- A highly informative lecture on ‘Segregation of Waste and its Management’ was delivered by Mr NK Jhingan, Secretary, Environmental Society of India, Chandigarh on January 30, 2016

# CRITERION-VII

INNOVATION & BEST PRACTICES

## Criterion – VII

### Innovations & Best Practices

**7.1. Innovations introduced during this academic year which have created a positive impact on the functioning of the college. Give details.**

**Innovation:**

Several innovative practices have been adopted by the institution to create an enabling environment in the College.

**a) Spiritual and holistic development:**

The College makes efforts to promote spiritualism which pacifies aggression and develops patience and tolerance among young generation.

- The beginning of every new academic session is marked by recitation of ‘Sukhmani Sahib Paath’ for smooth conduct of the session.
- Every month the day of ‘Sangrand’(beginning of new month according to Nanakshahi Calender) is celebrated with devotion and ‘Ardaas’(prayer) is performed by the students and faculty for the welfare and prosperity of all.
- Founders’ Day of the College is celebrated every year to promote the spirit of ‘Sangat and Pangat’(concept instituted by Guru Nanak Devji,first Guru of Sikhs).The faculty (both teaching and non-teaching) along with students participate in organising ‘Akhand Paath’, preparing and serving ‘Langar’.Students also perform ‘Gurbaani Kirtan’.

**b) Community Centric Activities:** The College has formed societies and clubs like NCC,NSS, Environmental Society, Red Ribbon Club, Techmates, Mosaic, Punjabi Sahit Sabha, Vikalp, Young Speakers Association, The Expressions Club and The Economics Society.

- These clubs and societies encourage and groom the student community by involving them in activities and competitions in various forums throughout the session.
- Excursion trips organised by these associations enrich practical knowledge of the students.
- Awareness-generation campaigns are carried out in the form of rallies, human-chains, nukkad natak etc

- c) **Sensitising students towards non-teaching faculty:** In an effort to sensitise students towards the invaluable contribution of the non-teaching faculty to the College, the students are encouraged to interact with them and interview them. A special section in the Annual College Magazine, 'Agammi Jyot' is dedicated to these invisible pillars. In the session 2015-16, students interviewed the senior most staff members of the administrative office and senior mali (gardener). This helps them to empathise with their problems and appreciate their silent contribution towards the College development.
- d) **Healthy interaction with the College Alumni:** In order to commemorate the Golden Jubilee of the College (established 1966), a new section was added to the special edition of the College Magazine 'Agammi Jyot'. This was called '50 Years in Retrospect-- Alumni Section' where numerous Alumni shared their memories and experiences related to their Alma Mater. The release of this special Golden Jubilee issue was a historic moment as it saw the presence of prominent alumni and Professors associated with the College over the years. Prominent among them were S Bir Devinder Singh, an alumnus of the College and ex Deputy Speaker, Punjab Vidhan Sabha, Prof RS Ghuman, Nehru-SAIL Chair, CRRID and Prof HS Mehta, first editor of the College Magazine from 1966-68 and former faculty in the College. They emphasised the role of Sri Guru Gobind Singh College in shaping their personalities and career and also shared nostalgic memories, which motivated the staff and students.
- e) **Preservation of Heritage and Culture:** In order to promote the rich heritage and culture, under the aegis of Centre of Sikh Studies, Gurmat Hobby Classes were conducted by the students of the College for the students of all SES Institutes on-campus.
- These include Calligraphy, Gurmat Sangeet, Shudh Gurbaani Paath, ShastraVidya and Gatka training classes.
  - Bhai Kamalpreet Singh from non-teaching staff is actively involved in teaching Gurbaani Paath. Amarinder Singh (BSc II Biotech), Aayush Alias (BA II) and Avneet Singh (BA I) have trained about 50 students in Calligraphy, Tabla and Gatka.
- f) **MOUs:** The College has signed Memorandum of Understandings with Job Destination -- a leading recruitment company of India.
- The objective of signing MOUs was to make skill oriented programmes accessible to the students and train them towards global competence

**g) Tertiary Water:** To conserve and to prevent the wastage of potable fresh water, the College has taken UT Administration granted project of treated tertiary water.

- This treated water is used to water various areas such as lawns, herbal garden and play grounds. With this effort, we are contributing towards saving fresh water.
- Re-use of the treated water not only helps in reducing the water bill considerably but also in enhancing the aesthetic beauty of the College.

**h) Rain-water Harvesting:** A rain water harvesting unit has been installed in Boys Hostel for rooftop harvesting of rain water and is used for watering the herbal garden.

**7.2. Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.**

The academic and infrastructural plans for the next session are chalked out by Advisory Committee. The list of plans of Session 2015 – 16 is given below:

**Academic Plans for the Session 2015-16**

S.No.	Action taken	Achievements
1.	Proposed Infrastructural Developments	<ul style="list-style-type: none"> <li>➤ A new laboratory was set up in the Deptt of Chemistry.</li> <li>➤ Animal and Plant Tissue Culture Laboratories were established in Deptt of Biotechnology.</li> <li>➤ Addition of new equipments worth Rs55,99,824/-</li> <li>➤ 19 Cupboards, 04 Racks, 03 Computers, 01 Printer were added in the Library.</li> <li>➤ The College Library acquired 569 books in the subjects of Economics, Commerce, Computer Science, Zoology, English, Sociology, Punjabi, Physical Education, Chemistry, Political Science and General reference material worth Rs2,72, 240/- approximately.</li> </ul>

2.	Up-gradation and Modernisation of Laboratories	Upgradation of Senior Laboratory into a Smart lab with provision of LCD and multi-media facility in PG Deptt of Zoology
3.	Conduct of interviews for the Permanent posts of Assistant Professor	01 faculty member joined as Assistant Professor in Deptt of Chemistry under Grant-in-Aid Post.
4.	Conduct of interviews for Senior Lab Attendant and Sweeper	<ul style="list-style-type: none"> <li>➤ 01 person joined as Senior Lab Attendant in Deptt of Chemistry under Grant-in-Aid post.</li> <li>➤ 01 joined as Sweeper</li> </ul>
5.	Submission of Minor/Major Research Projects under various funding agencies UGC, DBT, ICSSR, DST etc	<ul style="list-style-type: none"> <li>➤ During 2015-16 the College received Rs19,09,912/- from funding agencies.</li> <li>• Dr Manjinder Singh received second installment of Major Research Project (UGC) –Rs 3,78,599/- He completed his Major Research Project titled ‘Web Based Business Reporting Practices in India: A Comparative Study of Public &amp; Private Sector Giants’ sanctioned by ICSSR in June, 2015</li> <li>• Dr IPS Sidhu received third installment of Major Research Project(UGC) - Rs 5,79,122/-</li> <li>• Dr Jasvinder Singh Bhatti received second installment of Major Research Project(UGC) –Rs 8,31,944/-</li> <li>• DrMandeepThour received second installment of Minor Research Project(UGC) - Rs 5,208/-</li> <li>• DrHarjitVirk received Travel Grant(UGC)- Rs 1,15,039/-</li> </ul>
6.	Introduction of Post Graduate Course in Chemistry	Visit of Panjab University, Chandigarh Inspection Committee for affiliation was conducted and affiliation from Panjab University is awaited

7.	Award/Fellowship	<ul style="list-style-type: none"> <li>➤ DrJasvinder Singh Bhatti, PGDeptt of Biotechnology and Microbial Biotechnology was awarded UGC Research Award for a period of two years (2015-17).</li> <li>➤ DrKanwaljitKaur, Associate Professor Deptt of Economics was awarded Bharat VidyaGauravPuruskar by Indian Solidarity Council for outstanding achievement in the field of Education at New Delhi on February 5, 2016.</li> </ul>
8	Organisation of Guest Lectures, Seminars/Workshops	<ul style="list-style-type: none"> <li>❖ <b>Deptt of Computer Science organised Workshops</b> <ul style="list-style-type: none"> <li>– ‘ PHP’ in association with Indivar Company for the students on March 2, 2016</li> <li>– ‘Java and Software Testing’ in collaboration with Bebo Technologies, on October 21, 2015</li> </ul> </li> <li>❖ <b>PG Deptt of English organised guest lectures</b> <ul style="list-style-type: none"> <li>– ‘Faiz Ahmad Faiz’ by Col (retd) JS Bala, Secretary Sikh Educational Society, Chandigarh on February 29, 2016</li> <li>– ‘Munshi Prem Chand’ by Dr Aradhna, Deptt of Hindi, GGSCW, Sec-26, Chandigarh on February 17, 2016</li> <li>– ‘Surya Kant Tripathi Nirala’ by Dr Sarita Chauhan, Deptt of Hindi, MCMDAV College, Chandigarh on February 13, 2016</li> <li>– ‘Early Nineteenth Century Poetry’ by Prof Manju Jaidka, Deptt of English &amp; Cultural Studies, Panjab University Chandigarh on September 9, 2015</li> </ul> </li> </ul>

		<p>❖ <b>PG Deptt of Mathematics</b></p> <ul style="list-style-type: none"> <li>– Celebrated the National Mathematics Day sponsored by Punjab State Council for Science and Technology on February 26, 2016. Dr Vanita Verma, Professor in Mathematics, Panjab University Chandigarh delivered an Expert Lecture on ‘Capacitated Transportation Problem’ on the occasion.</li> </ul> <p>❖ <b>Deptt of Chemistry</b></p> <ul style="list-style-type: none"> <li>– In association with Environmental Society organized an Expert Lecture on Application of Laser and Optical Fibre by Prof J K Chhabra, Scientist, Ex-CSIO, Chandigarh on February 6, 2016</li> </ul> <p>❖ <b>Deptt of Physics</b></p> <ul style="list-style-type: none"> <li>– Organised an Expert Lecture on ‘Quantum Cryptography’ by Dr Arvind, Professor, Indian Institute of Science, Education and Research (IISER), Mohali on January 18, 2016</li> </ul> <p>❖ <b>PG Deptt of Biotechnology and Microbial Biotechnology organised</b> a series of Expert Lectures on</p> <ul style="list-style-type: none"> <li>– ‘Current Advancements in the Field of Biotechnology’ on November 19-20, 2015</li> <li>– ‘Biotechnology for cleaner environment’ by Dr Jaspreet Kaur, Head, Deptt of Biotechnology, UIET, Panjab University, Chandigarh</li> <li>– ‘Next Generation Sequencing in Functional Genomics’ by Dr Avneesh Kumar, Asstt Professor, Akal University, Bathinda</li> </ul>
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		<ul style="list-style-type: none"> <li>– ‘Metabolic Engineering of Phytic acid Pathway for improving Iron Bioavailability’ by Dr Ajay Kumar Pandey , Scientist at NABI Mohali</li> </ul>
9	Exploring Placement Opportunities	<ul style="list-style-type: none"> <li>➤ The College helps students in exploring placement opportunities by inviting various companies for campus recruitment of students.</li> <li>➤ During the session, Placement and Carrer Counselling Cell organised 4 Placement Drives, 1 Industry-Institute Interface and signed 2 Memorandums of Understanding</li> </ul>
10	Annual Alumni Meet	<ul style="list-style-type: none"> <li>➤ The College boasts of its Alumni Association as a valuable asset of the College</li> <li>➤ The Annual Alumni Meet of the College was organised on January 18, 2016</li> <li>➤ Annual Alumni Meet was attended by many distinguished personalities who were a part of this College at different times and occupy prestigious positions in the field of civil services, armed forces, medical and other science careers, education, politics, social work and business etc</li> </ul>
11	Publication and Release of College Magazine ‘Agammi Jyot’	<ul style="list-style-type: none"> <li>➤ A special Issue of the College Magazine, ‘Agammi Jyot’ is published annually since the inception of the College in 1966. It is released on the Founders’ Day each year</li> <li>➤ To commemorate the Golden Jubilee of the College, a special issue of the College Magazine was released on January 28, 2016</li> <li>➤ A new section was added to the special edition of the College Magazine-‘Alumni Section’, which provides a platform for the Alumni of the College to share their memories and experiences</li> </ul>

		<p>related to their Alma Mater</p> <ul style="list-style-type: none"> <li>➤ Another recent addition in the magazine was a page dedicated to the invisible pillars of the College-The Non-Teaching Staff</li> </ul>
12	Educational Trips	<ul style="list-style-type: none"> <li>➤ A tour to Shimla on March 12, 2016</li> <li>➤ One day trip to Golden Temple, Amritsar, Durgiana Temple and Jallianwala Bagh on March 8, 2016</li> <li>➤ An Educational Trip to Botanical Garden and Energy Park, Sarangpur on February 5, 2016</li> <li>➤ A One Day Educational visit to Cyclotron, Deptt of Physics, Panjab University, Chandigarh on January 16, 2016</li> <li>➤ A One day trip to Pushpa Gujral Science City, Kapurthala on November 7, 2015</li> <li>➤ A Tour to Nainital and Jim Corbett Park was organised from November 1-4, 2015</li> <li>➤ Students of PG Deptt of English were accompanied by faculty members to watch : <ul style="list-style-type: none"> <li>• GirishKarnad's play 'Fire and Rain' on July 19,2015</li> <li>• The enactment of Beckett's 'Waiting for Godot' on February 23, 2016</li> <li>• The Birth Centenary Celebration of Ismat Chughtai organised by Adab Foundation on Sep 17, 2015</li> </ul> </li> </ul>
13	Parent Teacher Association	<ul style="list-style-type: none"> <li>➤ The Parent Teacher Association has been formed to facilitate parental participation in the College</li> <li>➤ In the session 2015-16, a Parent Teacher Meeting was organised by the PTA of the College on January 22, 2016</li> </ul>

### **7.3. Give two Best Practices of the Institution.**

#### **1. Title: Promotion of Eco-friendly Practices**

Environment and nature have been adversely affected due to over exploitation of resources. Wastage of natural resources, non-utilization of biodegradable waste has been a serious issue. The College realises its responsibility and hence at its own level has started eco-friendly practices.

#### **Objectives of practices:**

- Creating social consciousness about environment issues by organising various competitions and activities
- Organisation of Tree Plantation Drive
- Up gradation of Herbal Garden
- Setting up of Compost pit to manage biodegradable waste
- Installation of Rain Water Harvesting system to conserve water
- Participation in flower festivals

#### **Context:**

Environmental Society of the College was established in 2003 with the support of Department of Environment, Chandigarh Administration. Efforts were made in the current session to find sustainable alternatives for ecological preservation. Realizing the importance of sustainable development, many corrective actions and activities were undertaken to make the campus eco friendly and to sensitise students to environment issues. Solid waste management is another big problem these days. This waste can be biodegradable and non-biodegradable. The best way to get rid of the solid waste is adopting 3R's- Reduce, Reuse and Recycle. Biodegradable solid waste can be reused by the process of composting and vermin composting. The biodegradable solid waste is generated in large amount from different sources such as College canteen, juice bar and hostel. To get rid of the waste and to provide manure for the College gardens, a compost pit was constructed in herbal garden. Rain water harvesting is a technique of collection and storage of rain water into natural reservoirs or tanks. This rain water harvesting system has been set up in the

Boys' Hostel. The Environmental Society of the College has taken up on itself the challenge to create awareness and provide students an ideal platform to discuss various environment issues and to deliberate on appropriate solutions towards sustainable development of environment. A plethora of events are organised every year to create awareness on campus.

### **The Practice:**

#### **(i) PSCST sponsored National Environment Awareness Campaign (NEAC) Activities**

Various activities were organised by Environmental Society of the College to generate awareness about environment sustainability among the students.

- Intercollege competition of Poster Presentation and Rangoli Making on the theme 'Go Green' to celebrate 'Green Consumer Day' was organised by Environmental Society of the College in collaboration with Department of Science and Technology (DST), Chandigarh on October 9, 2015
- Environmental Society organised a highly informative lecture on 'Segregation of Waste and its Management' by Mr NK Jhingan, Secretary, Environmental Society of India, Chandigarh on January 30, 2016. Environment Pledge was administered to the students and faculty.
- The students played a Nukkad Natak on 'Swachh Bharat' to generate awareness about Swachhta
- One day trips to PushpaGujral Science City, Kapurthala, Botanical Garden and Energy Park, Sarangpur were organised

#### **(ii) Tree Plantation Drives**

- Tree Plantation Drives are organised annually by NSS/ Campus Beautification Committee / RRC (Red Ribbon Club) to create environmental awareness
- Tree plantation drive sponsored by Department of Environment, Chandigarh Administration was organised on February 28, 2016. Climbers were planted in hostel premises.
- Herbal Day Celebration on August 31, 2015
- Planting *Chukrasiatubularis* in the parking lot to provide natural shades to the parked vehicles

### **(iii) Upgradation of Herbal Garden**

- With the efforts of Campus Beautification Committee, an aesthetically designed Botanical Garden was developed by judiciously utilising the unused area of the College. It is equipped with a store house and a big water reservoir to meet the water requirements and pathway for easy movement has been built.
- An amount of Rs 24,000/- was sanctioned by Department of Environment, Chandigarh Administration for development of Herbal Garden.
- Different slots of Hydrophytes and Xerophytes were developed on the Campus to benefit students of Botany and to spread environment awareness among students
- Name plates of the plants with classification and medicinal importance have been displayed
- Bird houses, feeders and water baths have been placed in the garden

### **(iv) Setting up of Compost Pit**

- A Compost pit was also set up in the Herbal Garden to decompose biodegradable waste i.e. canteen and mess vegetable waste and leaf litter of the campus. The entire leaf litter of the College is periodically being added to the pit and compost is being harvested and utilised in the herbal garden and other lawns.

### **(v) Installation of Solar Green House**

- The College received a sanction of Rs 37,500/- from Deptt of Science and Technology, Chandigarh Administration to install a Solar Green House

### **(vi) Rain Water Harvesting**

- The principle of collecting and using precipitation from a catchment surface is called Rain Water Harvesting. One method of rain water harvesting is rooftop harvesting. It is a simple method by which rainfall is collected for future usage.
- A rain water harvesting unit has been installed in Boys Hostel for rooftop harvesting of rain water and is used for watering the herbal garden.

### **(vii) Tertiary Water**

- To conserve and prevent the wastage of potable fresh water, the College has taken the UT Administration granted project of re-use of treated tertiary water.

- The reused water is being used for watering all the lawns, herbal garden and play grounds. With this effort we are contributing towards saving fresh water.

**(viii) Participation in Flower Festivals**

- The College participated in Panjab University Rose Festival held on February 26-28, 2016 and won first and second prize in collection of Cacti Pots, second prize in Pansy Pots and consolation prize in *Cineraria* Pots.

**(ix) Installation of Solar Lights**

- Two solar lights were installed in the College to conserve energy.

**Evidence of Success:**

- A large number of students participated enthusiastically in Inter college competition organised on the theme 'Go Green'
- Tree Plantation and up gradation of Herbal Garden has increased the green cover and enhanced the plant diversity
- Displaying of name plates of the plants along with classification and medicinal importance has enhanced the knowledge of students and faculty
- Bird houses, feeders and water baths attracted various species of birds and provided water and shelter in extreme weather conditions
- Installation of Solar Lights helped in saving electricity
- Nukkad Natak enacted by students created environment awareness
- Use of the treated tertiary water and rain water harvesting has helped in conservation of water as well as reduction in water bill
- It has further reduced dependency on Municipal Corporation fresh water supply.
- Bio-wastes conversion has reduced waste generation

**Problems Encountered:**

- A big water reservoir is required to fulfill the requirement of the herbal garden
- Problem of clogging of rain water trap units by silt and leaf litter, which requires regular care and cleaning for which an attendant is required. There is a need of recharging unit for proper utilisation of harvested water

- The compost pit emit foul odor due to anaerobic decomposition from excess feed stock added to the pit in wet conditions. There is a need to build an enclosure around it to avoid water accumulation in the pit during rainy season

## 2. Title- Sports Activities for all-round development

### Objectives of Practices:

- To value sportsmanship and to accord priority to sports and physical education for all round development of the students
- To inculcate the spirit of healthy competition in the youth
- To provide healthy means for recreation and relaxation to each student
- Professional and rigorous coaching for developing sports skills among students
- To provide infrastructure and incentives for improvement in different sports events
- To promote and motivate talented sportspersons
- The necessity of raising national standards in games and sports to create a pool of deserving sportspersons for the country, thus contributing to the national interest
- To conduct and organise tournaments of various games and sports at different levels such as Inter-College and State Level

### Context:

Sports activity programmes prepare students for various competitive levels: Inter-College, Intervarsity, National and International. They improve the physical and mental health of sports persons thus promoting a holistic quality of life. These programmes provide quality athletic facilities for students and promote a spirit of winning among them. In our College, this vision is practically applied through admitting strong outstanding athletes and recruiting competent coaches for them to enhance their sporting skills.

### Practice: Infrastructure and Facilities

- The Deptt of Physical Education offers latest equipment and infrastructure to the College sportspersons. Playing fields catering to various sports have been developed along desired standards.

- College has a Basketball Court, Kho-Kho Court, Korfball Court ,Lawn Tennis Courts, Netball Court ,Volleyball Court ,Soft Ball Ground, Base Ball Ground,Handball field ,Hockey field , Table TennisTables and Archery Range
- Special quota of seats for admission is reserved for sportspersons
- The College has 480 sportspersons on its roll, who are trained by 35 coaches in different games
- Some of our sportspersons are sent to different coaching centers outside the College for specialized training and the College ensures that they are provided with good quality sports equipment
- Deptt ofPhysical Education has collaboration with 11 Sport Training Centers: Sports Complex Sector 7,Chandigarh(Basketball); Panjab University Sector-14, Chandigarh(Football);Table Tennis Hall Sector-23, Chandigarh; Sport Complex Sector 42,Chandigarh(Boxing, Kho-Kho, Kabaddi, Hockey);Tau Devilal Stadium, Panchkula (Takewondo); Sukhana Lake Club, Chandigarh (Rowing,Kayaking);TricityShuttlers Badminton Academy, Panchkula (Badminton); DAV School Sector 8,Chandigarh (Handball); Panjab University Shooting Range, Sector-14, Chandigarh(Shooting);Panjab University Range, Sector-14, Chandigarh(Weight Lifting).
- A large number of students are being trained under the supervision of competent coaches (most of them are trained at the National Institute of Sports). For this service the College pays them remuneration charges of Rs 16,000/-; Rs 14,000/- and Rs 12,000/- according to their specialized area of sports
- In order to motivate the students towards sports, College provides total fee concession to the outstanding sports person during College admissions
- The College provides good quality and standardised equipment, sports kit and track suit to every sports person
- Free boarding facility and diet money of Rs 3,200/- for six months is being provided to 100 sports persons per year
- The College gives scholarship amount of Rs 6,000/-; Rs 4,500/- and Rs 3,500/- to the first three position holders in the Inter College competitions
- The College pays TA/DA during sports competition to the participants and the accompanying faculty

- Free transportation during competitions (local or out station) is provided to sportspersons to reach the venue

### **Evidence of Success:**

Unstinted support of the College authorities and right mentoring of the students has enabled them to achieve success in various competitive formats. Undying efforts of our students enabled them to excel in many events. The following points mirror the achievements of our College at University level Championships and during National and International events:

- The College is the proud title-holder of the coveted Sir Shaadi Lal Trophy for General Championship in Sports in the academic session 2015-16. It has been the privilege of the Deptt of Physical Education to hold this trophy for the 8th consecutive time since 2008-09
- 65 Sportspersons of our College were among first four position holders in the All India Inter-University Tournaments Men, 2015-16 and were awarded cash prizes worth Rs. 12,42,650/- from Panjab University, Chandigarh
- **Outstanding achievements by sportspersons of our college:-**

#### **At International Level:**

- Our student secured second position in (Hockey) South Asian Games
- Participation in South Korea swimming competition
- Participation in Thailand Archery competition
- Participation in Asian Judo Championship held at Taipei
- Participation in International Baseball Championship held at Iran

#### **North Zone Intervarsity Championship:**

- Participation in North Zone Intervarsity Championship in the discipline of Football, Basketball, Table Tennis, Volleyball and Kho-Kho
- Our Students won 1st position in Football Championship, 1st position in Basketball Championship and 3rd position in Table Tennis Championship

### **Senior National Level**

- 48 students participated in Senior National Level Championship in the discipline Judo, Taekwondo, Softball, Athletics, Basketball, Kabaddi (NS), Volleyball, Cricket, Yoga, Swimming, Kho- Kho, Rowing and Fencing
- Our sportspersons won Gold and Bronze Medal in Judo Championship, 1st position in Athletics Championship, 2nd position in Taekwondo and Judo Championship, 3rd position in Softball Championship,

### **All India Intersarsity Level**

- Our students represented Panjab University, Chandigarh in various Inter University competitions like Volleyball, Cross Country, Athletics, Badminton, Hockey, Fencing, Canoeing, Softball, Baseball, Archery, Yachting, Rowing and Weight Lifting. This helped Panjab University win many positions/medals
- 10 sportspersons of our College secured first position in Swimming Championship
- First position in Badminton Championship
- First position in Taekwondo Championship
- First position in Netball Championship
- First, Second and Third position in Judo Championship
- Second position in Archery Championship
- Second position in Rowing Championship
- Third position in Canoeing, Boxing and Kabaddi Championship
- Third position in Athletics

### **Problems Encountered and Resources Required**

- Though the College legitimately boasts of a very illustrious history of its achievers in the field of sports, the institution can enhance the on-campus infrastructure and facilities for sports like Indoor Badminton Court, a Gymnasium/ Fitness Centre and a Multi Media lab for demonstration of Sports Skills
- Professional Courses like BPEd and MPEd can be added to the curriculum for sportspersons to improve their job prospects in areas like Sports Psychology, Dietician and Rehabilitation Instructors etc
- Visits and motivational talks by prominent sports personalities need to be arranged

#### **7.4 Contribution to Environmental Awareness/Protection**

- Participation in National Environment Awareness Campaign (NEAC) Activities of Punjab State Council of Science & Technology (PSCST), Chandigarh
- Participation in Regional Centres for Expertise (RCE) activities
- Participation of students and faculty in Environment related activities
- Inter College Poster Presentation and Rangoli making competitions on the theme 'Go Green' were organised to celebrate 'Green Consumer Day'
- Lecture on 'Segregation of Waste & Its Management' was organised and Environmental Pledge was also administered to the participants
- Tree Plantation Drives are organised annually by NSS/ Campus Beautification Committee / RRC (Red Ribbon Club) to create environmental awareness
- Campus Beautification Committee celebrated Herbal Day by planting *Chukrasiatubularis* in the parking lot to provide natural shades to the parked vehicles
- Various eco-friendly energy conservation measures are adopted which includes use of low power consuming items, use of CFL lights and installation of 02 Solar lights
- The Botanical Garden was developed in 2015 into a full-fledged garden by judiciously utilising the unused area of the College. It has different varieties of herbs, shrubs, climbers, trees, hydrophytes, xerophytes etc. This benefits students of Botany and spreads environment awareness among all students.
- Compost pit was set up in the Botanical Garden to decompose organic waste of the campus.
- Rain water harvesting unit was set up in Boys Hostel
- A Solar Greenhouse was setup in the botanical garden from the funds sanctioned by Department of Science and Technology ,Chandigarh Administration
- Upgradation of Herbal Garden with funds received from Department of Environment ,Chandigarh Administration
- Bird houses, feeders and water baths have been placed in the garden in order to attract various species of birds and provide water and shelter in extreme weather conditions
- Every Year College Participates in Panjab University Rose Festivals and bags first,second and third prizes.

- Faculty and students have been assigned duties for eco-friendly beautification and maintenance of the campus
- BSc Medical students executed Nukkad Natak on ‘Swachh Bharat’ in February 2016 on the College campus under Swachh Bharat Abhiyan
- Educational trip to Botanical Garden and Energy Park, Sarangpur on February 5, 2016
- Waste bins have been kept at various places
- E- communication is encouraged to reduce the usage of paper
- Knowledge on E- waste management and hazardous waste management was imparted to students and motivated to use renewable sources of energy
- Compulsory Environment Education and Road Safety classes for 1st Year Undergraduate students of all streams

#### **7.5 Whether environment audit was conducted?**

Even though no formal Environment Audits conducted, yet various programmes are conducted under the aegis of Punjab State Council of Science and Technology (PSCST) and Department of Science and Technology(DST), Chandigarh Administration to make the College environment friendly.

#### **7.6 Any other relevant information the institution wishes to add. (For example SWOC**

##### **Analysis)**

Various inferences drawn with respect to strengths, weaknesses, opportunities and threats are listed below:

##### **Strengths**

- Sri Guru Gobind Singh College, a premier coeducational institute of Sikh Educational Society provides a healthy academic environment since its inception in 1966 and caters to the student community of the entire Northern region.
- The College has a well-qualified and experienced faculty, a large number holding PhD degrees and good number of research publications to their credit. 10 faculty members guide PhD scholars in their respective area of research.
- Only College in the region to run co-opted PG courses with GGSCW, Sector 26, Chandigarh encouraging faculty and resource sharing.

- The College has an updated and well equipped infrastructure; spacious ventilated classrooms, Smart Classrooms, upgraded Science and Computer Laboratories, Conference Hall, Multipurpose Hall , gymnasium ,Computer Centre well-equipped rooms for Office Bearers, Department rooms, Staff Room, Fitness Centre and a Bank.
- Botanical Garden to promote sensibility towards the environment among the students and facilitate research in Life Sciences.
- There is complete CCTV surveillance for security of campus and hostels.
- Wi-Fi enabled campus and hostel
- The College Library is well stocked with a huge collection of books, journals (Print+ e-journals), magazines, newspapers and CD ROMs. It has UGC recommended SOUL (Software for University Libraries), N-List E-Resources Subscribed from INFLIBNET - (including e-journals, e-books, e-databases)
- The College has a well-established and active Placement and Career Counseling Cell which regularly organises Placement Drives and Job Fests.
- 2MOUs with Job Destination Company, leading Recruitment Company of India
- Several extension activities are organised by NSS, NCC, Environmental Society Red Ribbon Club and other clubs, to foster a sense of social responsibility among students.
- Annual College Magazine ‘Agammi Jyot’ offers a platform to budding student writers by encouraging their creativity and innovative ideas expressed through a language of their choice i.e English, Hindi or Punjabi.
- Gurudwara Sahib for spiritual and holistic development
- The Centre for Sikh Studies and Gurmat Vichar Sabha works to preserve the distinctive heritage of our religion and culture. They promote the spirit of multiculturalism and also takes initiative in conduction of special classes for Gurmat Sangeet, Calligraphy, Shudh Gurbani Path, ShastraVidya and Gatka training.
- Scholarships are provided to needy and meritorious students to facilitate a healthy and supportive academic ethos.
- The College has an on-campus Boys Hostel and accommodation for girls student is provided in the Girls’ Hostel of Guru Gobind Singh College for Women situated on the same campus

- Students from Afghanistan seek admission here in collaboration with the ICSSR. The College has maximum number of foreign students among the city colleges for the third consecutive year.
- The College nurtures sportspersons who have brought laurels at the International and National Level. The institution is the proud title holder of the coveted Sri Shaadi Lal Trophy for General Championship in Sports since 8 consecutive years.
- The Management constantly supports and encourages various research and extension activities by regular grants. A fully furnished guest house of the management is available for academic resource persons.

### **Weaknesses**

- Limited number of smart class rooms
- No faculty exchange programmes under Government policy
- Inadequate Industry-Institute Interface
- Need of establishment of Entrepreneur Promotion Cell
- Absence of online facility for admission
- The college does not offer any add on certificate, skill based and vocational courses
- Lack of centralized information broad cast facility for staff

### **Opportunities**

- Upgradation of research laboratories for further improvement in Research related activities
- Faculty Development programmes for enhancing the skills of the faculty.
- Availability of reputed Companies and Industries in both Public and Private Sectors to enhance industrial collaborations, exposure and employability of students.
- The institution has the potential to introduce new subjects like Chemistry, Physics and Sociology at Postgraduate level and more Honours courses at Undergraduate level in future.

### **Challenges**

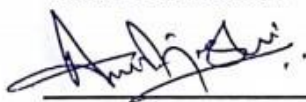
- Competition due to mushrooming of private universities, professional institutes, technical institutes and government colleges.

- Demand of job oriented courses for better placement of students.
- Expansion in the infrastructure due to increasing strength of students.

**8. Plans of institution for next year:**

- Under the aegis of RUSA, the institution aims to conduct Seminars/Workshop/FDP for teaching and non-teaching faculty
- A number of Activities / Programmes to be initiated as part of the Golden Jubilee celebrations of the college
- To promote quality research and create Research Data Bank in the College.
- To start new Postgraduate courses
- Strengthening of infrastructure
- Purchase of equipments for upgradation of the laboratories
- To introduce Broadband Facility for staff in the Library
- More interaction of students with scholars of eminence
- To take more initiatives in inculcating a sense of social responsibility

Name: Dr Amit Joshi



Signature of the Coordinator IQAC

  
Name: Ms Rita Singh

**PRINCIPAL**  
Sri Guru Gobind Singh College  
CHANDIGARH

Signature of the Chairperson IQAC

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