Annual Quality Assurance Report (AQAR)

Part – A

1. Details of the Institution

1.1 Name of the Institution | Post Graduate Govt. College for Girls

1.2 Address Line 1 | Sector 42

Address Line 2 | Chandigarh

City/Town | Chandigarh

State | UT

Pin Code | 160036

Institution e-mail address | gcg42chd@yahoo.com

Contact Nos. | 9815308104

Name of the Head of the Institution: | Mrs. Mani Bedi

Tel. No. with STD Code: | 0172-2676005

Mobile: | 9815308104

Name of the IQAC Co-ordinator: | Dr. Dalip Kumar

Mobile: | 9888697902

IQAC e-mail address: | naacgcg42@yahoo.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* | CGCOGN11027

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004. | EC/32/016 DATED: 03/05/2004
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address: | www.gcg42.ac.in

Web-link of the AQAR: | http://gcg42.ac.in/index.php/iqac/

1.6 Accreditation Details:

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	-	2004	5 Years
2	2nd Cycle	-	-	-	-
3	3rd Cycle	-	-	-	-
4	4th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC: DD/MM/YYYY   2005-06

1.8 AQAR for the year   2009-14

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i. *AQAR submitted to NAAC on (30/04/2005)*
  ii. AQAR   submitted to NAAC on (31-05-2007)
 iii. AQAR submitted to NAAC on (31-05-2009)
  iv. AQAR submitted to NAAC on (26-08-2014)

1.10 Institutional Status:

   University   State ✓   Central -   Deemed -   Private -

   Affiliated College   Yes ✓   No -

   Constituent College   Yes -   No ✓

   Autonomous college of UGC   Yes -   No ✓

   Regulatory Agency approved Institution   Yes -   No ✓

   (eg. AICTE, BCI, MCI, PCI, NCI)

   Type of Institution   Co-education -   Men -   Women ✓

                              Urban ✓   Rural -   Tribal -

   Financial Status   Grant-in-aid -   UGC 2(f) ✓   UGC 12B ✓

                              Grant-in-aid + Self Financing ✓   Totally Self-financing -

1.11 Type of Faculty/Programme

   Arts ✓   Science ✓   Commerce ✓   Law -   PEI(Phy Edu) ✓
   TEI (Edu) -   Engineering -   Health Science -   Management -

                              ----

Others   (Specify)

1.12 Name of the Affiliating University *(for the Colleges)*   Panjab University, Chandigarh

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc **NA**

Autonomy by State/Central Govt. / University   --

University with Potential for Excellence   --   UGC-CPE   --

UGC-Special Assistance Programme   --   DST-FIST   --

UGC-Innovative PG programmes   Any other (*Specify*)   --

UGC-COP Programmes   ✓

2. IQAC Composition and Activities

	2009-2010	**2010-2011**	**2011-2012**	**2012-2013**	**2013-2014**
2.1 No. of Teachers	08	09	07	08	08
2.2 No. of Administrative/ Technical staff	04	03	04	04	04
2.3 No. of students	01	01	01	01	01
2.4 No. of Management representatives	01	01	01	01	01
2.5 No. of Alumni	01	01	01	01	01
2. 6 No. of any other stakeholder and community representatives	01	01	02	02	02
2.7 No. of Employers/ Industrialists	--	--	--	01	--
2.8 No. of other External Experts	01	01	01	01	01
2.9 Total No. of members	**17**	**17**	**17**	**19**	**18**
2.10 No. of IQAC meetings held	**Twice a year**	**Twice a year**	**Twice a year**	**Twice a year**	**Twice a year**

2.11 No. of meetings with various stakeholders:

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Faculty	04	05	04	04	04
Parents	01	01	01	01	01
Non-Teaching Staff Students	03	03	04	04	04
Alumni	01	01	01	01	01
Others	--	--	--	--	--

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) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC (Till Date)

Total Nos. | 5 | International | 0 | National | 4 | State | 0 | Institution Level | 1 |

(ii) Themes

1. UGC sponsored workshop on "Capacity Building for women in Higher Education", January 2010.
2. UGC sponsored National Seminar on "Institutional Planning and Qualitative Development in Higher Education", March 2011.
3. UGC sponsored National Seminars on Sensitization, Awareness and Motivation Workshops for Women Managers in Higher Education, January 2012.
4. PU sponsored National Seminar on "IPR—Its Role in Design, Research & Development", January 2012.
5. UGC sponsored National Seminar on "Examination Reforms-A plan of Action", February 2012.

2.14 Significant Activities and contributions made by IQAC

1. Organizing conferences and workshops as stated above.
2. Introduction of new job oriented courses.
3. Upgradation of existing infrastructure to suit job/ market requirements.
4. Creating awareness among the faculty about research and its benefits.
5. Encouraging Teaching and non-Teaching faculty to undertake training programmes for self-growth and institution benefits.
6. Active participation of faculty and students in community outreach activities.

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 *

Plan of Action	Achievements	
Infrastructure The college IQAC has worked out action plan for up gradation of existing learning resource for imparting quality teaching and enhancement.	**2009-2010**	Hostel Block, 5 Classrooms
	2010-2011	39 laptops and 10 computer systems
	2011-2012	50 computer systems, IT Block
	2012-2013	18 smart classrooms and 5 laptops
	2013-2014	5 smart classrooms, 20 computers, 5 laptops, Gymnasium Hall
Academic Programmes The new courses in the areas of management, cyber-crime and up gradation of career-oriented courses from level 1 to 2 will be introduced as per demand of the students. Research Centers will be established in the subject of Zoology, Public Administration and Sociology.	**2009-2010**	• MA (Sociology) • MA (Public Administration) • MA (Political Science) • Add on Courses • Travel and Tourism • Bio-Informatics • Environmental Auditing
	2010-2011	• PG Diploma in Computer Applications
	2011-2012	• M.Sc. Botany • BA Police Administration (E)
	2012-2013	• M.Sc. Microbial Bio-Technology • M.Sc. (IT) • BA/B.Sc. (IT) Elective • Post Graduate Diploma in Career Guidance and Counseling • **Add on Courses:** • Web Designing

		• Animation and Graphics • Mass Communication & Video Production • Disaster Management • Entrepreneurship
	2013-2014	• M.Com. • Research Centre in Zoology • Research centre in Public Administration and Sociology pending for University Inspection.
Eco-Friendly Campus More efforts will be worked out for making college eco-friendly in terms of: By establishing Solar Power Plant, Herbal Garden and More Green Cover Area, BIOMASS Fuel System in college mess and canteen.	2009-2010	Eco-friendly park and musical fountain. Vermi-Compost Unit, Best out of waste
	2010-2011	Botanical Garden, SOLAC Garden, Open Gallery Park, Best out of waste
	2011-2012	Solar Green House, Best out of waste
	2012-2013	BIOMASS fuel system was installed in the college hostel mess. Pop up fountain near IT Block, Best out of waste.
	2013-2014	200 kWP Solar Power Plant has been established, herbal garden with 49 medicinal plants created, three gardens, pop up, solace and Auditorium Lounge Garden added more green covers to the college campus, Best out of waste.

* *Attach the Academic Calendar of the year as Annexure.*

2.16 Whether the AQAR was placed in statutory body   Yes | - | No | ✓ |

Management | - | Syndicate | - | Any other body | - |

Provide the details of the action taken | ---- |

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes (2009-2014)

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	--	01	--	--
PG	07	1	02	--
UG	10	--	01	-
PG Diploma	04	--	01	--
Advanced Diploma	--	--	--	05
Diploma	--	--	--	9
Certificate	--	--	--	9
Others	--	--	--	--
Total	21	02	04	23

Year wise progression of academic courses	
Year	Name of the Course
2009-2010	• MA (Sociology) • MA (Public Administration) • MA (Political Science) • Add on Courses • Travel and Tourism • Bio-Informatics

	• Environmental Auditing
2010-2011	• PG Diploma in Computer Applications
2011-12	• M.Sc. Botany • BA Police Administration (E)

2012-13	• M.Sc. Microbial Bio-Technology
	• M.Sc. (IT)
	• BA/B.Sc. (IT) Elective
	• Post Graduate Diploma in Career Guidance and Counseling
	• **Add on Courses:**
	  • Web Designing
	  • Animation and Graphics
	  • Mass Communication & Video Production
	  • Disaster Management
	  • Entrepreneurship

2013-14	• M.Com

1.2   (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes: **With effect from 2014-15, BA/B.Sc/B.Com/BCA/B.Sc (Biotech (H)) – I year and PG classes are under semester system.**

Pattern	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
	Number of programmes	Number of programmes	Number of programmes	Number of programmes	Number of programmes
Semester	All PG Courses	All PG Courses	All PG Courses	All PG Courses	All PG Courses
Trimester	----	----	----	----	----
Annual	All UG and PG Diplomas	All UG and PG Diplomas	All UG and PG Diplomas	All UG and PG Diplomas	All UG and PG Diplomas

1.3 Feedback from stakeholders*   Alumni [✓] Parents [-] Employers [-] Students [✓]
 (On all aspects)

Mode of feedback   :   Online [-] Manual [✓] Co-operating schools (for PEI) [-]

For details, refer to Annexure I

The curriculum and its implementation are amended as per feedback received from the students and other stakeholders. For example, in December 2012, the Chandigarh Administration initiated a workshop on "Teaching and Learning: Curriculum, Pedagogy and Employability" for all the courses and the report of the same was forwarded to the university for necessary action at their end as per the procedure

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

1. 27 Faulty Members are Members of the Board of Studies.

2. A workshop on revision of the curriculum was held in 2012-13 in all subjects involving all the faculty members of Govt. Colleges in Chandigarh. Our college hosted this workshop for five subjects.

3. The outcome of the workshop was submitted to the University for necessary action at their end.

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

2009-2010
- MA (Sociology)
- MA (Public Administration)
- MA (Political Science)

2011-2012
- M.Sc. Botany

2012-2013
- M.Sc. Microbial Bio-Technology
- M.Sc. (IT)

2013-2014
- M.Com
- Research Centre in Zoology

Criterion – II

2. Teaching, Learning and Evaluation:- 2009-14

2.1 Total No. of permanent faculty

	Total	Assistant Professor	Associate Professor	Professors	Others
2009-2010	148	77	71	--	--
2010-2011	159	88	71	--	--
2011-2012	149	77	72	--	--
2012-2013	134	70	74	--	--
2013-2014	144	71	70	3	--

2.2 No. of permanent faculty with Ph.D.

Years	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Ph.D	63	64	64	66	69

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Total		Assistant Professor		Associate Professor		Professors		Others	
R	**V**	**R**	**V**	**R**	**V**	**R**	**V**	**R**	**V**
--	--	--	18*	--	--	--	--	--	--

(*15 filled through Full Time Contracturals)

2.4 No. of Guest and Visiting faculty and Temporary faculty

Years	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
No. of visiting faculty	30	36	37	42	40

2.5 Faculty participation in conferences and symposia: (2009-2014)

No. of Faculty	International level	National level	State level
Attended	61	359	352
Presented Paper	78	185	90
Resource Person	3	5	7

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

e- Learning, PPT'S, Online Project Submission, Industry Institute

2.7 Total No. of actual teaching days during this academic year

2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
182	180	180	182	183

For details, refer to Annexure II

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

At Panjab University Level

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

27	10	135

2.10 Average percentage of attendance of students

2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
80	82	80	82	83

2.11 Course/Programme wise distribution of pass percentage:

Programme	Percentage (U.T and General Pool)									
	2013-2014		2012-2013		2011-2012		2010-2011		2009-2010	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
Under-Graduate										
B.Com I	97.3	60	93.40	51.20	92.60	42.13	93.60	51.00	90.40	52.80
B.C.A I	87.6	50.0	85.50	51.00	89.2	50.60	82.60	51.56	84.60	51.20
B.A I	92.1	50.2	99.67	40.00	99.88	37.60	92.20	34.00	100	33.56
B.Sc I (NM)	90.2	51.8	90.00	50.80	88.80	52.80	90.00	52.20	88.80	46.80
B.Sc I (M)	90.4	55.2	91.20	52.80	86.20	48.40	85.00	53.40	80.68	45.60
B.Sc C.Sc I	78.8	69.0	85.80	59.20	86.20	52.20	86.40	45.40	84.00	49.40
Biotech (H) I	91.6	64.2	92.20	64.20	87.80	59.60	89.00	61.40	88.40	60.60
B.Sc Biotech E	87	60.4	89.60	61.20	84.88	53.00	73.60	55.40	82.40	53.70
B.Sc Med Bioinfor. E	86.6	59.6	84.40	52.00	85.00	58.20	87.80	49.56	71.00	61.67
B.Sc Med Micro E	88.2	62.6	87.40	61.10	85.00	55.60	86.00	47.80	76.40	60.21
B.Sc (IT)	80.8	56.6	82.70	57.80	--	--	--	--	--	--
B.A (IT)	77.4	54.4	88.00	54.60	--	--	--	--	--	--
Post-Graduate										
PGDCA	71.2	54.3	83.83	50.13	73.42	43.17	73.42	43.71	--	--
PGDMC	65.3	54.9	59.70	51.16	73.20	51.33	74.94	55.60	70.05	48.00
PGDCG	69	53.4	70.33	53.75	75.90	47.54	--	--	--	--
M.Com.	93.1	71.1	--	--	--	--	--	--		
M.Sc IT	74.5	63.8	77.78	67.08	--	--	--	--	--	--
M.Sc Zoology	56.8	48.8	67.05	49.35	77.55	42.75	76.15	51.83	74.00	48.21
M.Sc Botany	60.3	58.7	79.20	53.70	68.00	51.70	--	--	--	--
M.Sc Mirobial Biotechnology	71.7	61.3	75.47	51.47	--	--	--	--	--	--
M.A Pub .Adm	69.58	45.4	72.25	45.25	68.83	41.63	65.96	48.38	100	46.46
M.A Socio	71.25	50.1	71.10	51.08	71.21	41.63	72.00	44.63	73.17	47.96

M.A English	64.83	48.5	64.96	47.29	84.67	44.06	69.00	51.50	84.60	49.13
M.A Pol Science	71.66	52.5	67.38	45.67	72.79	50.63	65.67	46.42	--	--

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

IQAC has a major role in the documentation of the various programmes/ activities which will translate into quality improvement. Various academic activities are organized for effective execution of curriculum and evaluation process. The faculty is guided on ways & means to procure financial aid for institutional projects. It also generates concepts of academic excellence and strives towards developing state-of-the- art, student-centric infrastructure. It communicates all information regarding various schemes/ projects of UT govt. & GOI to the faculty & students.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted				
	2009-10	2010-11	2011-12	2012-13	2013-14
Refresher courses	9	10	11	10	12
Orientation programmes	2	2	2	2	3
Staff training conducted by the university	7	5	6	7	7
Staff training conducted by other institutions					
Summer / Winter schools, Workshops, etc.	04	05	03	04	04
FDP	--	--	--	--	05

2.14 Details of Administrative and Technical staff (2009-2014)

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	47	*	--	--
Technical Staff	43	* Filled through Contractual	--	--

Criterion – III

3. Research, Consultancy and Extension

3.1   Initiatives
of   the IQAC
in

> 1. Organize and conducts various programmes for the promotion of research among the faculty members and the students.
> 2. The relevant information has been regularly discussed in the staff meeting by the principal.
> 3. Update on various schemes on the college website and staff notice board.

Sensitizing/Promoting Research Climate in the institution

	2009-10				2010-11				2011-12				2012-13				2013-14			
	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted
Number	01	-	-	-	-	-	-	-	-	02	-	-	-	03	-	-	02	01	-	02

3.2 Details regarding major projects

Outlay in Rs.Lakhs		5,05,100							7,49,000			18,94,800				1,75,000	

3.3

	International	National	Others
Peer Review Journals	50	75	125
Non-Peer Review Journals	33	30	63
e-Journals	47	46	93
Conference proceedings	10	08	18

Details

regarding minor Projects

3.4 Details on research publications (2009-2014)

		2009-10				2010-11				2011-12				2012-13				2013-14			
		Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted	Completed	Ongoing	Sanctioned	Submitted
Number		-	03	-	-	-	03	-	-	03	05	-	03	03	04	-	03	05	-	-	06
Outlay in Rs.Lakhs		-	-	1,60,00	-	-	-	1,38,00	-	-	-	3,64,00	-	-	-	1,20,00	-	-	-	-	-

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 organisations

Nature of the Project	Duration Year	Nature of the Project	Total grant sanctioned	Received
Major projects	07	UGC	3148900	2648900
Minor Projects	22	UGC/DST	1132000	1132000
Interdisciplinary Projects	01	NIELIT	175000	175000
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

3.7

No. of books published (2009-14)	
i) With ISBN No	60
Chapters in Edited Books	20
ii) Without ISBN No.	----

3.8 No. 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) `UGC`

3.10 Revenue generated through consultancy `----`

3.11 No. of conferences organized by the Institution   (2009-14)

Level	International	National	State	University	College
Number	--	04	--	--	01
Sponsoring agencies	--	UGC	--	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons [15]

 3.13 No. of collaborations : **With NGO's & GO's :23**

3.14 No. of linkages created during this year [---]

3.15 Total budget for research for current year in lakhs :

	2009-10	2010-11	2011-12	2012-13	2013-14
From Funding agency **(FROM UGC)**	6,65,100	1,38,000	11,13,000	20,14,800	1,75,000
From Management of University/College	--	--	--	--	--
Total	6,65,100	1,38,000	11,13,000	20,14,800	1,75,000

3.16 No. of patents received this year

NOT APPLICABLE

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows
       of the institute in the year (2009-14)

Total	International	National	State	University	Dist	College
27	02	14	01	--	10	--

3.18 No. of faculty from the Institution who are Ph. D. Guides [06]

       and students registered under them [15]

3.19 No. of Ph.D. awarded by faculty from the Institution [5]

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)(2013-14)

JRF [---]   SRF [---]   Project Fellows [02]   Any other [---]

3.21 No. of students Participated in NSS events:

2009-11 : 3 units, **2011-13 :** 4 units, **2013-14:** 8 units

	2009-10	2010-11	2011-12	2012-13	2013-14
University level	145	150	180	175	400
State level	8	7	9	12	35
National level	---	---	---	01	04
International level	---	---	---	---	01

3.22 No. of students participated in NCC events: 01 Army Wing

	2009-10	2010-11	2011-12	2012-13	2013-14
University level	92	98	105	102	114
State level	---	--	---	01	02
National level	---	---	---	--	01
International level	---	---	---	---	---

3.23 No. of Awards won in NSS:

	2009-10	2010-11	2011-12	2012-13	2013-14
University level	--	--	--	--	--
State level	02	04	06	05	09
National level	--	--	--	--	01
International level	--	--	--	--	---

3.24 No. of Awards won in NCC:

	2009-10	2010-11	2011-12	2012-13	2013-14
University level	--	--	--	--	01
State level	--	--	--	--	01
National level	--	--	--	--	--
International level	--	--	--	--	--

a)   NCC cadets represented Physical education department in University Athletic Meet held in December.
b)   Our NCC Contingent declared the best contingent in the Independence Parade held at Parade Ground, Sector-17, Chandigarh on 15th August, 2013.

3.25 No. of Extension activities organized

	2009-10	2010-11	2011-12	2012-13	2013-14
University forum	---	---	---	---	---
College forum	---	---	---	---	---
NCC	---	---	01	02	02
NSS	01	05	06	09	11
Any other	---	---	---	---	---

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

Workshops, Talks, Seminars: The college conducts workshops , organizes interactions with experts to disseminate information & sensitize students towards community concerns. Some of the topics discussed are as follows:

- Four day workshop on the preparation, storage and marketing of products likes jams, jellies, squashes, pickles and marmalade by Entrepreneurship Development Centre, Chandigarh Chapter.
- Two day workshop on "AIDS awareness".
- A Three day short term course titled 'Gender DNA - Decision Making, Negotiations, and Action'.
- Theatre workshops on issues like Awareness - Breaking the Silence, Health, Female Exploitation & Women Empowerment.
- Three day workshop "Pehchan"at NGO Jagori on rights of women.
- Workshop on Ethical Hacking: the how, what & why of hacking.
- Interaction with members of NGO---Parayavaran Vridhi.
- Interactive sessions on Alcoholism and Eve Teasing.
- Workshop on 'RTI Act'.

Regular talks & seminars were held on issues like
- 'Legal Rights of Women & other legal services
- Policing in Chandigarh & Jurisprudence of Juvenile Justice System in India.
- Adjustment problems & Addiction among Youth & Women

- Women's Wellbeing, Cervix Cancer & Personal Hygiene
- Importance of Nutrition For Adolescent Girls
- Role of youth in Curbing Corruption
- Food Safety And Misuse Of Pesticides, recommendations regarding Cooking oil and effects of oils on the Health
- HIV AIDS awareness
- lecture on Dengue
- Motivation lectures on blood donation & eye donation
- Ozone Depletion: Science & Superstitions
- 'Social Networking: The effect on our lives'.

Surveys:

- Survey on "Alcoholism In Rickshaw Pullers".
- Survey on "Alcoholism in Girls" in and around wine shops of Chandigarh.

➢ **Women Cell & Gender Equity & Non-Discrimination Society:**

- Visit to Police Station.
- Awareness Camp for Minorities Scholarship Schemes.
- Lohri for the Girl Child.
- Safe City Campaign.
- **Youth Adalat**: The Women Cell convenes the Youth Adalat every Friday, a unique forum convened by & for the students; to interact on women related concerns especially rape, molestation and exploitation.

➢ **AIDS Awareness and Public Health Society**

- Slogan and Poem Writing, Poster & Collage Making Competitions; interactions, rallies & visits to create awareness about AIDS & Safe Blood Donation.
- Interactive Session with HIV affected persons.
- Blood donation campaigns : It is worth mentioning that 800 units of blood have been donated during the last four years.
- Commendations by hospitals to some of our faculty & students as 'Frequent Donors'.

➢ **Srishti & Vikalp (Environment & Best From Waste Societies)**

- A three day awareness campaign on "Waste utilized is waste managed".

- Workshop-cum demonstration on creating "Best from Waste" in collaboration with "Srishti" and an NGO 'Hara PanjabKharaSamaj.'
- A play depicting current issues of waste management & environmental concerns.
- Exhibition cum sale of files and letter pads made of recycled paper by AIDS patients.

➢ **College & Faculty community outreach initiative:**

- Institutional community outreach initiatives include voluntary blood & organ donation; creation of awareness about old beliefs and superstitions; AIDS awareness; environmental protection; elimination of social evils etc.
- The faculty is also linked with various NGOs/associations in community outreach enterprises related to old age homes, specially-abled children; education of destitute/slum children & children of domestic workers, mass marriages, leprosy & cancer patients, sterilization & rehabilitation of stray dogs.

➢ **Documentary making & screening of films:**

- Students make/screen documentaries/short films on socially relevant issues on slums, minority community boarding life.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	2009-10 Existing	2009-10 Newly created	2009-10 Source of Fund	2010-11 Existing	2010-11 Newly created	2010-11 Source of Fund	2011-12 Existing	2011-12 Newly created	2011-12 Source of Fund	2012-13 Existing	2012-13 Newly created	2012-13 Source of Fund	2013-14 Existing	2013-14 Newly created	2013-14 Source of Fund
Campus area	17.7 acres	--	--	17.7 acres	--	--	17.7 acres	--	--	17.7 acres	--	--	17.7 acres	--	--
Class rooms	45	--			5 Classrooms			IT Block			18 Smart Classrooms, Gymnasium			19 interactive classrooms	
Laboratories	22				02			06			02			02	
Seminar Halls					01										
No. of important equipments purchased (≥ 1.0 lakh) during the current year		20 Computers for office, Library & placement cell	CHD Administration/ Dept. Funds		Classroom Furniture & furniture for Seminar rooms	CHD Administration/ Dept. Funds		75 computers, 39 laptops, 03 projectors & Science lab Equipments	UGC/ CHD Administration/ Dept. Funds		18 Electronic Podiums & 18 Projectors	CHD Administration/ Dept. Funds		20 Computers & 5 laptops and relevant Equipments for Gym and Science Labs	CHD Administration/ Dept. Funds
Value of the equipment purchased during the year (Rs. in Lakhs)															

Others													

4.2 Computerization of administration and library

a) Subscription to 2 Mbps Lease Line (2012-13)
b) Computerisation of salary computation of teaching and non-teaching staff. (2012-13)
c) e-Campus solution provide new facilities in the areas of online admission, academic and hostel fee collection, examination marks record keeping, student attendance, student assignment publishing for the students and college societies event record keeping.(2013-14 onwards).
d) Inflibnet facility is available to access e-Journals at all times and the Library is fully automated with software LIBSYS(2011-12 onwards).
e) Online Public Access Catalogue (OPAC) has replaced the traditional card catalogue system. The OPAC system provides easy access through a variety of access points on the Computers such as Author, Title, Keywords, Subject, Periodical title, Series etc.

4.3 Library services:

Sesion	2009-10		2010-11		2011-12		2012-13		2013-14	
	No	Value	No	Value	No	Value	No	Value	No	Value
Text Books & Reference Books	1291	2,00,000	1693	3,00,000	2753	11,00,000	1040	4,30,000	764	3.25 Lacs
e-books	--	--	--	--	--	--	--	--	--	--
Journals	7		8		9		11		10	
e-journals	NList	5000	NList	2000	NList	3000	NList	5000	NList	7250
Digital database										
CD& Video	200	7000	50	8000	30	9000	20	6000	--	---
Others (specify	--	--	--	--	--	--	--	--	--	--

)									

4.4 Technology up gradation (overall- 2009-2014)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	220	33	2MBPS Lease Line					
Added	13	01	2MBPS Lease Line			Fully Automated		
Total	233	34	Same As Above					

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

1.Internet is available on all computer systems in the campus. **2**. IT Block is fully Wi-Fi . **3**. The college faculty uses ICT for teaching and learning. **4**. Regular Training to teaching and non teaching staff is given to upgrade technology usage. **5**. The computer labs are used for providing computer literacy to neighborhood children during summer vacations. **6**. The college prospectus, Academic Calendar, Teaching Plan, Time Table, Examination Schedule and e- contents are regularly uploaded on the college website. 7. Notices, Latest Events and circulars are also uploaded for the benefits of the teachers and students. 8. From 2014-15 e-campus solution was introduced for Online Admission, fee collection & maintenance of student records.9. The computers in the placement cell are used for online submission of competitive exams forms.

4.6 Amount spent on maintenance in lakhs :

   i) ICT   02

   ii) Campus Infrastructure and facilities   08

   iii) Equipments   07

   iv) Others   18

       Total   35

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. The college IQAC has initiated number of efforts towards providing more opportunities for getting placements as well as for enhancing their skills and quality of education.
2. UGC coaching classes for entry in services for SC/ST/OBC and minorities.
3. Coaching classes for the purpose of SC/ST/OBC(NET/) and minorities. The objective of the scheme was to prepare students belonging to SC/ST and minority communities to get gainful employment in Group A, B or C central services, state services or equivalent position in the private sector.
4. 135 students belonging to SC/ST/OBC (NET) and minorities benefitted from these coaching classes.
5. Capacity Building and Equal Opportunity Cell.
6. Regular Personality Development session for the outgoing class.

5.2 Efforts made by the institution for tracking the progression

1) Class Test/ Presentations/ House Test/ Annual Exams. **2)** Attendance Records **3)** Remedial Classes to supplment classrooms teaching **4)** PD classes / Counseling **5)** Extra Assignments **6)** Redressal of specific problems **7)** Teacher- parent interface.8) Environment and Road Safety Classes. 9) Surprise Test.

5.3 a) **Furnish the number of the students admitted to the Institute during the last four Academic years.**

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	-	338	-	360	-	445	-	551
ST	-	54	-	53	-	60	-	66
OBC	-	-	-	-	-	-	-	-
General	-	3159	-	3572	-	3525	-	3566
Total	-	3551	-	3985	-	4030	-	4183

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)	
	Male	Female	Male	Female	Male	Female	Male	Female
UG	-	3171	-	3563	-	3598	-	3688
PG	-	380	-	422	-	432	-	480
Ph.D	-	-	-	-	-	-	-	15
Total	-	3551	-	3985	-	4030	-	4183

b) Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1723	220	-	15	1958
Students from other states of India	2105	270	-	-	2375
NRI Students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	**3828**	**490**	**-**	**15**	**4333**

(c) No. of international students

Men

No	%
---	---

Women

No	%
4183	100

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3564	551	66	---	02	4183	3674	582	73	---	04	4333

Dropout % **0.67 (Only in BA)**

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

UGC coaching classes for entry in services for SC/ST/OBC and minorities were held in the college during the last two sessions. UGC sanctioned Rs 6.00 Lac under UGC XI plan (Merger scheme) VIII for providing coaching classes for the purpose of SC/ST/OBC(NET/) and minorities. Out of this, Rs 2.40 Lac was granted for equipment, Rs 1.60 Lac for books journals and study materials and Rs 2.00 Lac for honorarium, remuneration and contingency.

The objective of the scheme was to prepare students belonging to SC/ST and minority communities to get gainful employment in Group A, B or C central services, state services or equivalent position in the private sector.

135 students belonging to SC/ST/OBC (NET) and minorities benefitted from these coaching classes.

No. of students beneficiaries (Till Date) | 135 |

5.5 No. of students qualified in these examinations

NET | 14 | SET/SLET | --- | GATE | --- | CAT | --- |

IAS/IPS etc | --- | State PSC | 14 | UPSC | 14 | Others | 14 |

5.6 Details of student counselling and career guidance

- Realizing the need and importance of counseling, the college has appointed a full time counselor who is available personally during college hours and telephonically 24x7.

- Besides, counselling of the students is an ongoing process throughout the year. The subject teachers also play a very constructive role in guiding and counseling the students at the time of admission regarding the subject combinations, contents of the subjects chosen and job opportunities of various subjects and streams.

- Academic counseling continues within the classrooms as well for students come up with queries about books to be consulted, streams/ careers to be chosen, institutions of higher studies in their field of specialization etc.

- Tutorial groups are also an excellent medium of building up a rapport between the teacher and the taught. With a optimum ratio of 1:30, it provides ample opportunity for the students to open up and discuss their academic personal or psycho-socio problems with their teachers.

- The Dept. of Psychology in collaboration with the counseling cell ropes in eminent hospitals to organize various workshops on stress-management, yoga etc especially in the months preceding the final examination.

- Personal Counseling is undertaken by various committees/cells such as Anti-sexual Harassment, Gender Equity, Women cell committee, Legal awareness committee, suggestion/complaint box committee, Anti-ragging committee, a Hostel Welfare committee, career counseling and Placement cell committee.

No. of students benefitted | 759 |

5.7 Details of campus placement

Sr. NO	Placement Drive	No of Students Participated	No Students Selected	Year
1	IBM DAKSH, HCL Technologies, IBM Global	180	48	2010-11
2	WNS Global Services, IBM, Genpact	340	116	2011-12
3	Aviva Insurance Co, IBM, Genpact	313	151	2012-13
4	DLF Pramerica Life Insurance, Aircel Company, IBM	342	171	2013-14

5.8 Details of gender sensitization programmes

Gender specific issues are addressed by the curriculum and are effectively transacted to instill awareness on the students through:

- Movies/documentaries portraying gender related issues.
- Discussions on the rights and privileges of women in society in the Youth Adalat held every Friday.
- Theatre workshops & short term courses on gender-sensitive issues
- Lectures by eminent lawyers to address legal rights of women.
- UGC sponsored national seminars on Sensitization, Awareness and Motivation Workshops for Women Managers in Higher Education was organized and received enthusiastic response.
- Zero-tolerance stance on ragging .

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level   46   National level   300   International level   14

No. of students participated in cultural events

State/ University level | 300 | National level | --- | International level | ---

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level | 13 | National level | 16 | International level | 14

Cultural: State/ University level | 15 | National level | --- | International level | ---

5.10 Scholarships and Financial Support

Session	Dept/Source of Fund	Amount of Scholarships	No. of Students Benefitted	Total Amount
2013-14	Student Aid Fund	3500/-	46	1,61,000/-
	Navtej Singh Memorial Charitable Trust	3780/-	02	7560/-
	Director Sports, CHD		21	60,100/-
	ADM.		03	7200/-
	All India Confederation of Blind	800/-	2	1600/-
	Sub Marga Schulze Merit Scholarship for Visually impaired	3000/-	2	6000/-
	DPI, Pb. (SC Students)	7039	1	7039/-
	Dept. of Social Welfare Pb. (SC/BC)		11	(DBT) N.A.
	DHE,UT		13	(DBT) N.A.
	DHE (Disabled Blind)		2	(DBT) N.A.

	Poor Brilliant Scholarship funded by Faculty	1600/-	25	40,000/-
2012-13	STUDENT AID FUND	2000/-	79	1,58,000/-
	Amarjeet/ Beena, Memorial Scholarship	500/-	15	7500/-
	Smt. Saroj Vasudeva Scholarship	5000/-	1	5000/-
	Smt Shanti Devi memorial Scholarship		1	1000/-
	Poor Student Fund (Staff contribution)	2000/-	20	40,000/-
2011-12	Student Aid Fund	4000/-	65	2,60,000/-
	Rashtriya Sanskrit Sansthan, New Delhi	4000/-	04	16,000/-
	Director Of Tribal Affairs For SC Candidates from J & K.	6600/-	50	3,30,000/-
	DHE,CHD ADM	6000/-	30	1,80,000/-
	DHE,CHD ADM	8595/-,9300/-	02	17,895/-
	DPI,COLLEGES ,(PB)	825/-	03	2475/-
	COLLEGE DC,(PB)	6000/-	01	6000/-
	UGC Scholarship	4000/-	30	1,20,000/-
	Poor Brilliant Scholarship funded by Faculty		25	40,000/-
2010-11	DHE,CHD ADM SC, ST Scholarship, GOI.	185/-	11	2035/-

	Post Matric Scholarship Minority Students DHE,CHD ADM	4850/-	02	9700/-
	Post Matric Scholarship SC,ST Scholarship ,GOI	6170/-	08	49,360/-
	Post Matric Scholarship SC,ST Scholarship ,GOI	7815/-	03	23,445/-
	DHE, Haryana	3600/-	02	7200/-
	DPI,(PB),Social Justice Empowerment	2420/-,1210/-	02	2475/-
	DPI,(PB),Social Justice Empowerment	4360/-	01	4360/-
	District Welfare Office,Yamunanagar	3335/-	02	6670/-
	Poor Brilliant Scholarship funded by Faculty	1600/-	25	40,000/-

5.11   Student organised / initiatives

Fairs   : State/ University level | NA | National level | NA | International level | NA |

Exhibition: State/ University level | NA | National level | 01 | International level | NA |

5.12   No. of social initiatives undertaken by the students | NSS: 11, NCC :04 |

5.13 Major grievances of students (if any) redressed:

The college has an active Grievance Redressal Cell under the aegis of Women Cell. The suggestions and complaints are received through the suggestion box which is kept in the main foyer for an easy access to the students. The suggestion box is opened every Saturday and the committee looks into the suggestions and grievances of the students and redresses them. In case of a recurring complaint/suggestion, the same is forwarded to the Principal for needful action.

Some of the problems redressed include

- Paucity of Faculty in Mass communication and Bio- informatics

- Installation of more water filters and coolers on different floors.

- Installation of more fans on the third floor classrooms

- Redressal of parking issues

- Display of Canteen and Photostat rates

- Placement of more benches in the college parks

- Deployment of Lady Police ,PCR Vans regular patrolling in the college vicinity.

Similarly, the Hostel welfare committee takes care of the grievances of the hostlers. Matters related to food and mess timings, night outs, electricity and water scarcity issues have been addressed to and resolved by the committee.

Thus, the redressal cell of the college enables the faculty to remain connected with the students and to provide them with more conducive environment in the college.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution:

Vision:

To empower young girls through education, thereby enabling them to be the agents of progress, to better lives and society.

Mission:

- To impart holistic education to young women from all strata of society and facilitate them to develop as intellectually mature, morally upright, socially responsible and spiritually inspired women leaders to serve the society.
- To motivate research and innovative teaching /learning practices and to engage in widening the frontiers of knowledge.
- The college motto "Higher Still" reiterates our commitment to strive for excellence.

6.2 Does the Institution has a management Information System

The college has submitted Institutional Development Plan under RUSA Scheme for special MIS plan for integration of academic and administrative data. An initiative in this direction has already been taken as follows:

The college is using software "Campus Solutions" an initiative of Chandigarh Administration in collaboration with SPIC, Chandigarh. The software has been designed as per the requirements of the college which has the following modules:

1. Admissions (Online Admission Form Submission, Merit List Generation, Allotment of seats to the selected candidates)
2. Fee Collection
3. Examination
4. Student Assignment/homework and evaluation
5. Society Activities
6. Student Attendance Records
7. Student's Return and Ledger

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

6.3.1 Curriculum Development

1. 27 faculty members representing 20 departments are members of Board of studies at Panjab University.

2. 3 of our faculty are members of Academic Council at Panjab University.

3. 4 of our faculty are members of faculties (Arts/ Law/ Science etc) at Panjab University.

4. A workshop on curriculum development was held in 2013.

6.3.2 Teaching and Learning

1. 19 Smart class rooms and 18 interactive Boards supports effective teaching learning.
2. 69 Ph.Ds, 37 M.Phils provides strength to quality teaching.
3. Audio Visual Aids, Internet facility.
4. Extensions activities.
5. Expert from industry and institutes of higher learning compliment aur class room teacher.

6.3.3 Examination and Evaluation

1. Most of our faculty members act as Observer/ Flying Squad/paper setter, head examiner, sub examiner, superintendent and invigilators in Panjab University Exams.
2. Our faculty members also act as paper setter and examiners of other universities and State Public Service Commission.
3. Panjab University provides for continuous assessment of the students through internal exams, class participation/ presentation and attendance.

6.3.4 Research and Development

There is a Faculty Research Development Committee and a UGC committee which provides support and monitors the progress of all research projects and schemes. There is a Panjab University approved Research Centre in Zoology, while the approval for Research Centres in Public Administration and Sociology is awaited. This will further

6.3.5 Library, ICT and physical infrastructure / instrumentation

1. A well-equipped, fully air-conditioned library houses a wide range of books, journals, E-journals with access to INFLIBNET. Being sensitive to the needs of differently abled students special provisions are made.

2. A new IT block with 4 BCA labs, Computer labs, Wi-Fi facility, Functional English and Hindi department, Bio-informatics and Administrative block are equipped with the latest technology.

3. Well-designed college edifice with a Hostel, Play grounds for out-door games , a Gymnasium for fitness and indoor sports, are well maintained and constantly upgraded to provide maximum facilities to the students.

6.3.6 Human Resource Management

1. Recruitment of the Faculty is done by UPSC/ on deputation from states of Punjab and Haryana.

2. Administrative Staff is appointed by the Director Higher Education, Chandigarh.

3. Other supporting staff is appointed through service provider.

4. Regular Training/ Refresher/ Orientation Courses held for faculty and supporting staff to upgrade them.

5. In formal celebrations help to build repo between Teaching and Non-Teaching faculty.

6.3.7 Faculty and Staff recruitment

1. Recruitment of the Faculty is done by UPSC/ on deputation from states of Punjab and Haryana.

2. Administrative Staff is appointed by the Director Higher Education, Chandigarh.

3. Other supporting staff is appointed through service provider.

6.3.8 Industry Interaction / Collaboration

1. Experts from industry are invited to interact with students and access job market requirements.

2. Industrial visits help students understand the actual working enviornment of the industry.

3. On the job trainings enable students update themselves with latest in the market.

6.3.9 Admission of Students

The courses like Functional English, Functional Hindi, M.Sc. Zoology, M.Sc. Microbial Biotechnology and M.Sc. Botany have different criteria for admission and are as follows:

Sr. No	Name of the Course	Admission Criteria
1	Functional English	Concerned Departments conduct test at their own level to select candidates to these courses.
2	Functional Hindi	
3	MA English (60% merit and 40% test score)	
4	M.Sc. Zoology, Microbial Biotechnology & Botany	Through Panjab University conducted PG Common Entrance Test (PGCET) and Merit

Admission Criteria at the entry Level

S. No	Class	Criteria adopted by the college
1.	B.Com I	Centralized admission by the Panjab University
2.	BCA I	Centralized Admission for all the four Govt. college s
3.	BSc I (Med, Biotech (E), Bio-Info (E), Microbiology (E), Non-Med, C.Sc (E), IT (E), BioTech(H))	Display of merit list prior to admission on college website and notice board
4.	BA	On the spot admission but on merit basis
5.	PGDCA/ PGDMC/ PGDGC/ PGDT	Display of merit list prior to admission on college website and notice board
6.	M.Com	Display of merit list prior to admission on college website and notice board
7.	MA Pub Adm/ Socio/ Pol.Sc/ English, M.SC (IT, Botany/ Zoology/ Microbial Biotechnology)	Display of merit list prior to admission on college website and notice board
8.	B.PEd (One Year)	Display of merit list based on written and

		physical fitness test.

6.4 Welfare schemes for

Teaching	Staff Fund/ Allowed as Per Govt. Policy
Non-teaching	Allowed as Per Govt. Policy
Students	Fee Concessions/ Scholarships/ stationery to SC/ST Students/ Voluntary contribution by the staff members.

6.5 Total corpus fund generated   NIL

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	Yes	Finance & AG Dept.	Yes	College Level
Administrative	---	---	---	---

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes -   No -

For PG Programmes   Yes -   No -

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

UGC sponsored National Seminar on "Examination Reforms-A plan of Action", February 2012

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

At the Panjab University Level

6.11 Activities and support from the Alumni Association

1. The Alumni is Invited to interact with the students of outgoing class to provide them necessary inputs for higher education and employment.
2. An Alumni meet is held every year in the first week of March to honour and felicitate our achievers.

6.12 Activities and support from the Parent – Teacher Association

Regular interface with parents usually held

6.13 Development programmes for support staff

1) Computer Literacy 2) Positive Attitude and Team Building 3) Friendly Cricket Matches 4) Free Medical Checkup.

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

1. Vermi Compost Unit
2. Solar Power Plant
3. Herbal Garden
4. Solar Green House
5. Provision for Rainwater Harvesting on the roof top of Auditorium and Gymnasium
6. BIOMASS FUEL used as an Alternative to LPG.
7. Best out of Waste.

Criterion – VII

7. Innovations and Best Practices

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

1. e- Campus Solutions for on line admissions/ fee collection/ Examination/Student Assignment/homework and evaluation/Society Activities/Student Attendance Records/Student's Return and Ledger.
2. Youth Adalat and complaint/ suggestion Box for redressal of student grievances.
3. Efforts to make college campus eco-friendly-Water audit and harvesting, green cover and installation of Solar Power Plants and BIOMASS FUEL used as an Alternative to LPG and best out of Waste.

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

Plan of Action	Achievements
Infrastructure The college IQAC has worked out action plan for up gradation of existing learning resource for imparting quality teaching and enhancement.	The Plans were duly executed and implemented in the Sessions as per Question No. 2.15 (Part A)
Academic Programmes The new courses in the areas of management, cyber-crime and up gradation of career-oriented courses from level 1 to 2 will be introduced as per demand of the students. Research Centers will be established in the subject of Zoology, Public Administration and Sociology.	

Eco-Friendly Campus More efforts will be worked out for making college eco-friendly in terms of: By establishing Solar Power Plant, Herbal Garden and More Green Cover Area, BIOMASS Fuel System in college mess and canteen.	

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

> ***Refer to Annexure III***

1. **Title of the Practice***: GENDER DNA: Decision Making, Negotiation and Action.*
2. **Title of the Practice: ENERGY CONSERVATIO: Save Fuel -Save Energy- Save Environment** *(BIOMASS FUEL USE AS AN ALTERNATIVE TO LPG*)

7.4 Contribution to environmental awareness / protection

This programme is designed to sensitize the students on environmental concerns. This is further supplemented by regular and defined activities conducted by NSS, Environment society and Beautification committee to promote this awareness among the students. The college undertakes several initiatives to sensitize students on the need to be consciously eco-friendly. Tree-plantation drives, waste-material utilization demonstration and promotion of plastic-free campus are regularly initiated. The college will initiate further continuous efforts for green Audit.

7.5 Whether environmental audit was conducted?   Yes ✓   No -

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

THE SWOC ANALYSIS OF THE INSTITUTION

At the initial stage the Steering Committee and college IQAC identified the key stakeholders of the college and held interactive sessions with them. The steering committee 43ulfilme the inputs received from various stakeholders and prepared a draft of SWOC Analysis Report with respect to the college. This initial draft SWOC Analysis Report was then discussed in the meeting of HODs and the support units for their analytical comments on the draft SWOC report. Based on the suggestions and other inputs received from the departments, the identified Strengths,

Weaknesses, Opportunities and Challenges to prioritize the plan of actions have been enumerated as below:

SWOC ANALYSIS

a) STRENGTHS

- Excellent infrastructure resource in terms of classrooms, playgrounds, laboratories , and library
- Out of the faculty strength of 144, 69 are PhDs and 37 are Mphils.
- Diverse faculty in terms of ethnicity and gender(25% regular staff are men and 75% are women)
- Impressive Placement Record
- Active and Supportive Alumni Association
- ICT facilities and smart class rooms
- E- Content uploaded on college website
- Dedicated and experienced support staff
- Scholarships, awards and fee concessions to the deserving students
- Voluntary contribution from faculty towards fees of many students
- Diversity in the academic courses at UG/PG
- Intensive Community outreach activities like adoption of Khajeri village by our college
- Excellent reputation in terms of discipline, quality teaching, sports facilities and academic results and teacher –student relations
- Horizontal Academic movement because of availability of nine add on courses in diverse areas
- Excellent teacher student rapport.
- Panjab University approved Research Centre in the subject of Zoology
- Representation in academic bodies like BOS, Academic Council, Faculties , Finance Board , Dean , Senate ,Syndicate at the University level
- Active involvement of staff in Research Projects/activities financed by UGC, DST, Panjab University and Punjab Govt.

  Minor Projects: 23

  Major Projects: 7

Local Travel (outside Chd.):30

International Travel: 14

- Collaborations with 23 Gos and NGOs
- Remedial classes for SC/ST /OBC and weak students in specific subjects like English, Maths, Science, Economics and Accountancy etc.
- State of Art Gymnasium and sports facilities.
- Practical experience of market scenario through OJTs, industrial visits and surveys
- Active participation of College Student Council and Society Office bearers in organizing various academic and co-curricular activities.

b) **WEAKNESS**

- Relatively slow responding curriculum process as the curriculum is decided by the university
- Lack of mechanism to limit enrolment of students in various courses like Sociology, Political Science etc.
- Aging technology and equipment in some of our laboratories
- Shortage of staff leads to excessive work load leaving inadequate time for mentoring and research
- Un skilled supportive staff
- Lack of financial aid for PG Students to carryout research or to work as research assistants along with senior faculty
- Poor Industry – Institute Interaction because of lack of technical and managerial skills among our students
- Lack of infrastructure for the faculty for conducting research
- Lack of availability of Public transport to the college
- Limited seats in the Hostel (267 seats against a demand of 900 applicants)
- Rigid and industry insensitive curriculum resulting in low employability of students

c) **OPPORTUNITIES**

- Opportunity to use its reputation for quality enhancement in higher education
- Diversity among faculty with international linkage can be used to develop student study abroad opportunities
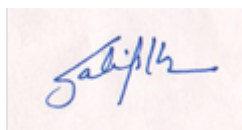
- Long – term association of the placement cell with different companies provides an opportunity for better placements services
- Broad disciplinary bases of the curriculum provides opportunities for cross curricular synergies to connect and develop partnerships with the community and diverse array of agencies
- Ability to secure cutting edge funding from UGC/other state and National agencies
- Community interest in academic programmes provides opportunity for quality inputs.

d) CHALLENGES

- Competition from other college with diverse academic opportunities and resources for students
- Limited number of qualified applicants for faculty position in certain courses like Biotechnology, Bioinformatics, Microbiology, Mass Communication etc.
- Pressure on infrastructure due to growing number of students
- Limited funding for research and infrastructural improvement
- Economic and socio cultural factors
- Mushrooming of coaching centres
- Non- 46ulfilment of posts falling vacant due to retirement of senior faculty.
- Building teacher – student relation and mentoring- as size of the classes is too big
- Integrating university curriculum to the changing needs of industry
- Rural background of our students & low motivation level of the students at the entry level.

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

1. To convert more class rooms into smart classrooms and to add more classrooms to the existing number
2. To introduce more career oriented programmes for the skill development.
3. To get final approval from the Administration for new Hostel with a capacity of 370 students.
4. BIOMASS FUEL cooking system in college canteen.
5. To organise National Conference on Higher Education and in Languages.
6. To organise FDP in the area of Sciences.
7. To strengthen the College Gym by adding more equipments.

_____ *** _____

Annexure I

Annexure I : Feedback Analysis (Criterion 1: Q 1.3)

Since the college is affiliated to Panjab University Chandigarh, it does not have the autonomy to effect changes in the curriculum except through representation in Board of studies of different subjects. **At present about 27 faculty members are members of the BOS and 20 departments** are represented through them. In an initiative by The Chandigarh Administration a workshop on "Teaching and Learning: Curriculum, Pedagogy and Employability" for all staff members in all the courses was organized and the report of the same was forwarded to the university for necessary action as per the procedure. Our college organized the above said workshop on five subjects.

Type of feedback	Frequency/method	Outcome/suggestions
Student Feedback	• Yearly/ through questionnaire	1. Inclusion of Soft skill Training in the course work 2. Skill to improve employability
Teacher's feedback	• Through staff meetings; • Interaction with Principal and Advisory Committee.	1. To resolve various issues regarding time table, classroom, grievances of students. 2. Experts to be invited frequently to update students
Industry Feedback	• Industry Institute Meet	1. The gaps between theory and practice w.r.t employability must be bridged through OJTs and Industrial

		Visits.
Alumni Feedback	• Annual Alumni Meet • Alumni Student Interface held annually.	1. Coaching Classes for UGC NET and Competitive Exams and regular mock tests must be held.

Annexure II

ACADEMIC CALENDAR 2009-10

Schedule for the Academic Calendar for the Panjab University affiliated colleges (Arts, Science & Commerce) having annual / semester system of Examination for the session 2009-10:

Summer Vacation	23.5.2009 (Sat)	to	13.7.2009 (Mon)	52 days
Academic Calendar Colleges open on	14.7.2009 (Tue)			

Admission Schedule

i. Normal admission for on going and new classes	14.7.2009 (Tue)	to	21.7.2009 (Tue)	
ii. Late Admission (for on going and new classes) to be allowed by the Principal of the College with late fee of Rs.200/-	22.7.2009 (Wed)	to	04.8.2009 (Mon)	
iii. Teaching Starts				
a) for on going Classes	20.7.2008 (Mon)			
b) for new admission classes.	22.7.2008 (Wed)			
iv. *Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs.1300/- per student .	05.0.2009 (Wed)	to	31.8.2009 (Mon)	

*Common for on going and new admissions)

Academic Term- I	14.7.2009 (Tue)	to	01.10.2009 (Thu)	79 days
Autumn Break	02.10.2009 (Fri)	to	8.10.2009 (Thu)	7 days

Note : Supplementary Examination will start w.e.f 1.10.2009.

Academic Term- II	09.10.2009 (Fri)	to	24.12.2009 (Thu)	77 days
Winter Break	25.12.2009 (Fri)	to	1.1.2010 (Fri)	8 days
Academic Term- III (Includes 20 days preparatory holidays)	04.1.2010 (Mon)	to	10.4.2010 (Sat)	97 days
Annual Examinations	12.4.2010 (Mon)	to	21.5.2010 (Fri) (excl. Sundays & Other Holidays)	32 days
Summer Vacation (Tentative)	24.5.2010 (Mon)	to	14.7.2010 (Wed)	52 days

Total No. of days in three academic terms i.e. I, II and III	79 + 77 + 79 = 253 days
Holidays (All Sundays & Gazetted Holidays)	51 days
Preparatory Holidays	20 days
Total No. of teaching days	253 – 51 – 20 = 182 days

ACADEMIC CALENDAR 2010-11

Schedule for the Academic Calendar for the Panjab University affiliated colleges (Arts, Science & commerce) having annual /semester system of Examination for the session 2010-2011:

ACADEMIC CALENDAR 2010-11

Summer Vacation	24.5.2010 (Monday)	to	01.7.2010 (Thursday)	39 days
Academic Calendar Colleges open on	02.7.2010 (Friday)			
Admission Schedule				
i. Normal admission for on going and New classes.	05.7.2010 (Monday)	to	15.7.2010 (Thursday)	
ii. Late Admission (for on going and new Classes) to be allowed by the Principal Of the College with late fee of Rs.300/-	16.7.2010 (Friday)	to	29.7.2010 (Thursday)	
iii. Teaching Starts a) 02-07-10 Friday b) 05-07-10 Monday	Counselling for students of on going classes for new admission classes			
iv. Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs.1500/- per student.	30.07.2010 (Friday	to	31.8.2010 (Tuesday)	
*(Common for on going and new admissions)				
Academic Term- I	02-07-2010(Friday)	to	01.10.2010 (Friday)	77 days
Autumn Break	04.10.2010 (Monday)	to	07.10.2010 (Thursday)	4 days
Academic Term- II	11.10.2010 (Monday)	to	21.12.2010 (Tuesday)	55 Working days
Winter Break	22.12.2010 (Wed)	to	14.1.2011 (Fri)	24 days
Academic Term- III	17.1.2011 (Mon)	to	17.03.2011(Thu)	48 working Days
Preparatory holidays	18.3.2011 (Fri)	to	03.04.2011(Sun)	17days
Annual Examinations starts from	04.04.2011 (Monday) onwords			
Summer Vacation	31.5.2011 (Tuesday)	to	08.7.2011(Fri)	39 days

Total Working days of academic term I, II & III 77+55+48 = 180 days
Total working days of academic terms I, II & III = 250
Holidays (all Sunday, Gazetted holidays, summer 115+250 = 365
& winter Vacation & Preparatory

ACADEMIC CALENDAR 2011-12

Academic Calendar for the Panjab University affiliated colleges (Arts, Science, Commerce & B.P.Ed., M.A., M.Sc.) having annual/semester examination for the session 2011-12.

Summer Vacation	21.5.2011 (Saturday)	to	06.7.2011 (Wednesday) 47 days
Colleges open on	07.7.2011 (Thursday)		

Admission Schedule

i. Normal admission for on going and New classes.	11.7.2011 (Monday)	to	23.7.2011 (Saturday)
ii. Late Admission (for on going and new classes) to be allowed by the Principal of the College with late fee of Rs.500/-	25.7.2011 (Monday)	to	6.8.2011 (Saturday)
iii. Teaching Starts			
a) 07-07-11 Thursday	Counselling for students of on going classes		
b) 11-07-11 Wednesday	For new classes		
iv. Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs.1800/- per student.	08.08.2011 (Monday)	to	31.8.2011 (Wednesday)

Academic Schedule - Annual System

Academic Term- I	07.07.2011(Monday)	to	01.10.2011 (Saturday) 71 days
Autumn Break	03.10.2011 (Monday)	to	08.10.2011 (Saturday) 6 days
Academic Term- II	10.10.2011 (Monday)	to	15.12.2011(Thursday) 51 days
Winter Break	16.12.2011 (Friday)	to	01.01.2012 (Sunday) 17 days
Academic Term- III	02.01.2012 (Monday)	to	16.03.2012 (Friday) 58 days
Annual Practical Exams/ Preparatory Holidays	17.3.2012 (Saturday)	to	01.04.2012(Sunday) onwards
Summer Vacation (tentative)	31.5.2012 (Thursday)	to	08.7.2012 (Sunday)

Total Working days of academic terms I, II & III - 71+51+58 = 180 days

Academic Term - I

1st, 3rd, 5th, 7th Semester	07.07.2011 (Thursday)	to	01.10.2011 (Saturday)
			70 working days
Autumn Break	03.10.2011 (Monday)	to	08.10.2011 (Saturday)
			6 days
Colleges Reopen after Autumn Break	10.10.2011 (Monday)	to	06.11.2011 (Sunday)
			22 days

Total Working Days of Academic Term I = 70 + 22 = 92 days

Preparatory Holidays	07.11.2011 (Monday)	to	20.11.2011 (Sunday)
			14 days
Semester Examination	21.11.2011 (Monday)	to	15.12.2011 (Thursday)
			20 days
Semester Vacation (Winter Break)	16.12.2011 (Friday)	to	01.01.2012 (Sunday)
			17 days

Academic Term II

2nd, 4th, 6th, 8th Semester

College reopens after Semester Examination	02.01.2012 (Monday)	to	21.04.2012 (Saturday)
			90 days

Total Working days of Academic Term II = 90

Preparatory Holidays	23.04.2012 (Monday)	to	06.05.2012 (Sunday)
			14 days
Semester Examination	07.05.2012 (Monday)	to	30.05.2012 (22 days)
			(Wednesday)
Summer vacation (tentative)	31.05.2012 (Thursday)	to	08.07.2012 (Sunday)
			39 days

Total working days of academic terms I & II - 92+90 = 182 days

ACADEMIC CALENDAR 2012-13

Academic Calendar for the session 2012-13 for the Panjab University affiliated Colleges Arts, Science, Commerce & B.P.ED., M.A., M.Sc.) having annual/semester examination for the session 2012-13:

Academic Calendar

Summer Vacation	26.5.2012 (Sat)	to	8.7.2012 (Sun)	44 days
Colleges open on	9.7.2012 (Mon)			

Admission Schedule

i. Normal admission for on going and new classes	9.7.2012 (Mon)	to	26.7.2012 (Thu)	16 days
ii. Late Admission (for on going and new classes) to be allowed by the Principal of the College with late fee of Rs.500/-	27.7.2012 (Fri)	to	6.8.2012 (Mon)	9 days
iii. Teaching Starts				
a) for ongoing classes	12.7.2012 (Thu)			
b) for new admission classes	16.7.2012 (Mon) (tentative)			
iv. Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs.1800/- per student .	7.8.2012 (Tue)	to	31.8.2012 (Fri)	
*Common for on going and new admissions)				
Academic Term- I	12.7.2012 (Thu)	to	23.10.2012 (Tue)	84 days
Autumn Break	24.10.12 (Wed)	to	31.10.2012 (Wed)	8 days
Academic Term- II	1.11.2012 (Thu)	to	22.12.2012 (Sat)	41 days
Winter Break	23.12.2012 (Sun)	to	8.1.2012 (Tue)	17 days
Academic Term- III	9.1.2013 (Wed)	to	21.3.2013 (Thu)	57 days
Annual Examinations starts from	22.3.2013 (Fri)	to		
Summer Vacation	1.6.2013 (Sat)	to	8.7.2013 (Mon)	38 days

Total Teaching days of academic term I,II & III   84+41+57=182 days

Academic Schedule for the session 2012-13 for the Panjab University affiliated Colleges with Post Graduate courses having Semester System:

Academic Term-I

1st, 3rd, 5th, 7th Semester	12.7.2012 (Thu)	to	23.10.2012 (Tues)	84 days
Autumn Break	24.10.12 (Wed)	to	31.10.2012 (Wed)	8 days
Colleges reopens after Autumn Break	1.11.2012 (Thu)	to	06.12.2012 (Thu)	27 days
Total Working Days of Academic Term I			84+27= 111 days	
End Semester Examination	07-12-12 (Sat)	to	22-12-12 (Sat)	14 days
Winter Break	23-12-12 (Sun)	to	08-01-13 (Thu)	17 days
Academic term – II				
2nd, 4th, 6th, 8th Semester				
College reopens after Semester Examination	09-01-13 (Wed)	to	20-5-2013 (Mon)	102 Teaching
Total Working Days of Academic Term II				102 days
End Semester Examination	21-05-13 (Tue)	to	31-05-13 (Fri)	(23 days)
Summer Vacation (tentative)	1-06-13 (Sat)	to	08-07-13 (Mon)	(38 days)

Total Teaching days of academic term I & II   111+102= 213 days

ACADEMIC CALENDAR 2013-14

Academic Calendar for the session 2013-14 for the Panjab University affiliated Colleges Arts, Science, Commerce and BPEd , MA, MSc having annual Examination.

Academic Calendar

Summer Vacation	27-05-2013(Mon)	to	10-07-2013(Wed)	45 days
Colleges open on	11-07-2013(Thur)			
Admission Schedule				
i. Normal Admission for ongoing and new classes	11-07-2013(Thur)	to	20-07-2013(Sat)	9 days
ii. Late admission (for ongoing and new classes) to be allowed by the Principal of The Colleges with late fee of Rs.500/-per student.	22-07-2013(Mon)	to	02-08-2013(Fri)	11 days
iii. **Teaching starts** a. For ongoing classes b. For new classes	16-07-2013(Tue) 22-07-2013(Mon) (Tentative)			
iv. Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs. 1800/-per Student. (Common for ongoing and new admissions)	03-08-2013(Sat)	to	21-08-2013(Wed)	
Academic Term-I	16-07-2013(Tue)	to	11-10-2013(Fri)	71 Teaching days
Autumn Break	12-10-2013(Sat)	to	19-10-2013(Sat)	8 days
Academic Term-II	21-10-2013(Mon)	to	27-12-2013(Fri)	56 Teaching days
Winter Break	28-12-2013(Sat)	to	13-01-2014(Mon)	17 days
Academic Term-III	14-01-2014(Tue)	to	22-03-2014(Sat)	56 Teaching days
Annual Practical Exams / Preparatory Holidays	24-03-14(Mon)	to	1-04-2014(Tue)	
Annual Theory Examination	02-04-2014(Wed)	to	Onwards	
Summer vacation (Tentative)	02-06-2014(Mon)	to	09-07-2014(Wed)	38 days
Total Teaching days of academic term I,II & III=71+56+56=183 days				

(Handwritten annotations: "16,17,18,19,20" near item iv; "-5 =66" beside Academic Term-I; check marks beside Term-II and Term-III; "178" at lower right)

Academic Schedule for the session 2013-14 for the Panjab University affiliated Colleges with Post Graduate courses having Semester System:

Academic Calendar

Summer Vacation	27-05-2013(Mon)	to	10-07-2013(Wed)	45 days
Colleges open on	11-07-2013(Thur)			
Admission Schedule				
i. Normal Admission for ongoing and new classes	11-07-2013(Thur)	to	20-07-2013(Sat)	9 days
ii. Late admission (for ongoing and new classes) to be allowed by the Principal of the colleges with late fee of Rs.500/ per student.	22-07-2013(Mon)	to	02-08-2013(Fri)	11 days
iii. Teaching starts a. For ongoing classes b. For new classes	16-07-2013(Tue) 22-07-2013(Mon) (Tentative)			
iv. Late admission in the colleges to be allowed by the Vice-Chancellor with late fee of Rs. 1800/-per Student.	03-08-2013(Sat)	to	21-08-2013(Wed)	
Academic Term-I Ist, 3rd 5th 7th Semester	16-07-2013(Tue)	to	11-10-2013(Fri)	71 Teaching days
Autumn Break	12-10-2013(Sat)	to	19-10-2013(Sat)	8 days
Colleges reopen after Autumn Break	21-10-2013(Mon)	to	07-12-2013(Fri)	39 Teaching days
Total Teaching days of academic term I=71+39=110 days				
End Semester Examination	09-12-2013(Mon)	to	27-12-2013(Fri)	15 days
Winter Break	28-12-2013(Sat)	to	13-01-2014(Mon)	17 days
Academic Term-II 2nd , 4th 6th 8th Semester	14-01-2014(Tue)	to	22-05-2014(Thu)	108 Teaching days
Total Teaching days of academic term II=108 days				
End Semester Examination	23-05-2014(Fri)	to	31-05-2014(Sat)	8 days
Summer Vacation	02-06-2014(Mon)	to	09-07-2014(Wed)	38 days
Total Teaching days of academic term I & II=110+108=218 days				

BEST PRACTICE - I

1. Title of the Practice

  GENDER DNA: Decision Making, Negotiation and Action

2. Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words

The primary goal of the college is to provide holistic education and to afford an opportunity for them to develop their potential and intellectual faculties. The college endeavours to facilitate them with an awareness and capacity building programme which rests on *"knowing ourselves and empowering ourselves".* The chief objective of this healthy practice is to enable young girls to participate in the process of identity formation, decision-making and personality development. Consequently, they develop an understanding about the need to break free from old discriminatory stereotypes and to undergo attitudinal changes so to enhance positive self- esteem and confidence. In emancipating them, the college contributes substantially in the growth of the comprehensive intellectual; emotional, social, physical, artistic and creative potential of every student. This, in turn, will contribute to create a society based on equality and justice.

3. **The Context**

Describe a particular contextual features or challenging issues that have had to be addressed in designing and implementing the Practice in about 150 words

Gender DNA addresses issues pertaining to multiple marginalization existing in society at economic, social, caste and gender levels. Set up in 2001, the Women Cell first provides a platform to the students to voice their fears and worries, 'break the silence' and seek alternatives to oppressive socio-cultural systems. This forum first sensitizes them with the need to question the subaltern structures and the dynamics of oppression prevailing in society. Since girls remain the most vulnerable both within and outside the home, these complex issues need serious consideration and concrete action. Women cell offers a space for young girls to vent their personal angst on peer group pressures, social anxieties and to find solutions through sharing, learning and counselling. Young girls are encouraged to develop a sense of empowerment through innovative processes and activities, to identify discriminatory practises, negotiate and

make informed choices, thus honing their potential to become spirited participants in society thereby enabling them to be agents of change.

4. **The Practice**

Describe the Practice and its implementation. Include anything about the Practice that may be unique in the Indian higher education. Please also identify constraints or limitations if any. In about 400 words

Closely associated with the Women Cell is the Gender Equity and Non-Discrimination Society. Both aim to work towards creating a 'Gender Equal and a Gender Just' social system and have done a commendable job in awakening young girls to social concerns. A wide range of events are planned and spread over the entire session and incorporate a number of thought-provoking and engaging activities.

Over the years, there was a marked increase in the number of issues brought by the students to the *Women Cell*. Youth Adalat –a forum of the students, by the students and for the students is a novel initiative was then evolved to bring together groups of students to divulge their fears and worries as young women. Every Friday, they bring forth a specific case /social issue which often relates to their own trials and tribulations –within and outside their homes. Concerns *like Domestic violence, Eve-teasing, Inter-generational conflict, Restrictions on Mobility, Safety, Eve-teasing, Sexual harassment*, *Social Media harassment*, Alcoholism, Incidents *of broken relationships, Stalking and Rape* are deliberated upon and solutions suggested. The process is monitored by a Jury which comprises 3 student volunteers. A member of the NGO Jagori (Chandigarh) is also a part of the facilitating process.

5**. Evidence of Success.**

Provide evidence of success such as performance against targets and benchmarks and review results. What do these results indicate? Describe in about 200 words.

One of the main accomplishments is the uninhibited manner in which discussions take place. In the context of young girls 'breaking the silence' becomes significant,. This forum offers alternatives and enables them to gain some control over their own lives. Subsequent follow-up meetings are an effective method to gauge the impact of sensitization and keep up the level of involvement of the students. The consistent increase in the number of students is a positive indicator of how well this practice has been received by the students. Instances of how Gender DNA has helped students overcome precarious situations pertaining to exploitation are

enumerated in 3.6.1. These in-house institutional mechanisms are extraordinary in many ways. The college administration and proficient faculty maturely handle issues in a sensitive manner instead of referring them to Commissions /Govt. agencies. This is a major contribution and accomplishment of the institution to the cause of girls especially in the present Indian scenario.

6. **Problems encountered and Resources Required**

Please identify the problems encountered and resources required to implement Practice in about 150 words

Earlier, the process of getting funding sanctioned to conduct workshops is often tedious and daunting. However, this challenge has been temporarily resolved with the latest collaboration with the NGO Jagori Grameen, Dharamsala and Population Foundation of India who will be funding the workshops on Gender and reproductive health for the next two years.

One of the constraints pertains to the fact that students coming from outside the tri-city are unable to use state mechanisms as intervention methods since they live away from Chandigarh and are not familiar with the processes in their local areas. In a few cases our interventions remain limited since the student may not disclose the full details of the incident.

7. **Note (optional)**

Any other information that may be relevant & important to the reader for adopting/implementation of the best practice in the institution (about 150 words).

It is appropriate to mention that this model has been systemised & evolved after much deliberation to address the emerging issues related to the young girls in present socio-cultural milieu. Hence, this model may be considered for emulation by other institutions. We would be pleased to collaborate as facilitators & coordinators for such endeavours.

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<u>**BEST PRACTICE - II**</u>

1. **Title of the Practice:** *ENERGY CONSERVATION*

   Save Fuel -Save Energy- Save Environment

   (BIOMASS FUEL USE AS AN ALTERNATIVE TO LPG)

2. Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words

One of the ambitious projects undertaken by the college is on Energy Conservation. It is an initiative which aims to target the following core areas of Biotechnological applications:

- **Energy Conservation (Biomass Fuel Promotion as an Alternative to LPG)**

  The college has plans to extend this practice to include:

- Nutrition (Human and Animal)

- Healthcare (Medicinal Plants Germplasm identification and propagation/certified extracts for medicinal use)

- Pollution Control (Bio-technology interventions for managing water pollution/sludge disposal and also air-pollution caused by foul gases from city garbage)

- Employment Generation (at UG/PG level i.e. B.Sc./M.Sc.)

3. Describe a particular contextual features or challenging issues that have had to be addressed in designing and implementing the Practice in about 150 words

The best practice aims to promote production and use of biomass fuels as an alternative to LPG/petrol/diesel. Fuel pellets made of wheat straw/bio-waste e.g. fallen leaves, are a 'carbon neutral source' of energy, which can be used to replace LPG in hostel messes and canteens.

4. Describe the Practice and its implementation. Include anything about the Practice that may be unique in the Indian higher education. Please also identify constraints or limitations if any. In about 400 words

PGGCG-42 is the only institution to have installed "Biomass fuel Cooking System" in its Hostel Kitchen. This is not only a cost effective system but also environment friendly and non-hazardous as compared to LPG.

This cooking system provides new dimensions for the progress of the nation. Having successfully implemented this practice, the college is collaborating with Chandigarh Administration to help other institutions of the city under the aegis of "Chandigarh Colleges Biotech Mission".

As far as the financial benefits are concerned, Biomass Fuel Pellet saves about 15 commercial LPG cylinders per month which means a saving of about 1.48 lakhs per annum even in a small hostel like ours.

5. Provide evidence of success such as performance against targets and benchmarks and review results. What do these results indicate? Describe in about 200 words.

	LPG CYLINDER	LPG CYLINDER + BIOFUEL
No of Cylinders used per month	75	60
Cost @1545/Cylinder	115875	92700
Bio-Fuel pallet used per month	-	18X 30
Cost bio-Fuel Pallet @18/kg/month	-	9720
Total Cost	115875	102420
Saving	-	13455/ Month 148005 for eleven months

- **Benefits of using this cooking system:**
  - COST EFFECTIVE – saves more than 35% of the cooking fuel cost as compared to traditional LPG cooking.
  - HYGIENIC – usage of this non-polluting fuel promotes wellness as it is environment-friendly.
  - SAFE – The technology behind this concept is very safe and there is no hazard to life as compared to LPG
  - No carbon emissions
  - Conserves the nutritional value as well as the delicious taste of food.
  - Issue of delayed supply of LPG cylinders is resolved.
  - Fuel ash is being used as manure.
  - The funds thus saved are being utilized in welfare schemes for hostel students (up gradation of existing facilities, safe drinking water facility, & awards).
  - Reduced the cost of diet of poor brilliant students upto 20%.

6. Problems encountered and Resources Required

Please identify the problems encountered and resources required to implement Practice in about 150 words

At the time of implementation of the practice the mess contractor was apprehensive about the installation of Biomass fuel cooking system for we feared that this system would emit sparks that could cause a blast in the kitchen and would also increase the cooking time. However, the results of the practice have proved it to be cost- effective, hassle-free and innovatively effective.

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