

SELF-STUDY REPORT

Executive Summary

The Motto, Vision, Mission and Objectives of the college provide us the glimpses of the philosophy of the founders of the college. This is the guiding force for us and we always strive hard to ensure that their dreams are fulfilled.

This prestigious institution is situated in Patiala which is not only the cultural capital of Punjab but is proud of being an educational hub where one can find Punjabi University, Engineering institutions, Medical College, Ayurvedic College, Sanskrit College, Education College, Sports Institute, Law University and above all one of the oldest colleges of north India. Our college was established in 1966 by one of the 20 Big Industrial Houses of the country. Padam Bhushan Rai Bahadur Seth Gujjar Mal Modi, one of our founding fathers and a great visionary, founded this college in the cherished memory of his illustrious father Rai Bahadur Seth Multani Mal Modi. This industrial house established the college to serve not only the Patialvis but also the people of entire Malwa region of the Punjab. Their vision and mission has very distinctive combination of providing education to the youth of the region so that they are competent not only to serve the nation in different capacities, but also serve the society as good human-beings. Another important dimension of their vision was to provide an environment where our students build their skills and polish their entrepreneurial capabilities.

Patiala city has very distinctive features and those features are responsible to a large extent in the performance of our college. This city has state Head Quarters of various institutions such as State Bank of Patiala, Punjab State Electricity Board, PWD, Public Health Department, Punjab Language Department, Punjab Public Service Commission,



National Institute of Sports, State Archives, and North Zone Cultural Centre etc. The officials working in these institutions are well aware of the latest happenings in the field of education and are equally concerned about the future of their children. This makes the academic environment of the city both modern and competitive. Our college has always lived up to their expectations.

Since Patiala is a royal city, it has its own cultural values and traditions. Our college provides an environment through various societies which makes the students aware of their heritage and promote their cultural traditions and values.

Both national and international economic scenario is undergoing drastic changes largely due to the impact of fast pace of globalization.

The role of service sector and industry is increasing day by day. Indian economy is no more an agrarian one. This paradigm shift in the character of Indian economy has forced the academicians to think afresh and redesign the entire education system. To make it in sync with the societal needs, curriculum of existing courses is updated and new innovative courses are introduced so that professional competence of the students can match with the needs of the industry and the service sector.

We understand that existing courses may lose their sheen in future due to the changed socio-economic and political environment. In that case, this institution is ready to either change the existing courses accordingly or start new ones.

Our college is thinking to sign Memorandum of Understanding (MoU) with reputed foreign educational institutions to give our students an exposure of the latest developments in their respective fields of study and enhance their employability, both at national and international levels. Another plan under serious consideration is to explore the possibilities of



starting vocational courses in collaboration with industrial units in the surrounding areas.

We have plans to make our administrative system both accountable and efficient. Computerization of Library and offices has already been initiated and once this process is completed, our Management Information System (MIS) will be able to make our delivery system transparent, responsive and effective.

Though our institution has attained high standards in academic performance, our sports department has done wonders and that too despite infrastructural limitations. Academic regimen of the students goes hand-in-hand with equally important arena of Sports. A sports programme in an institution provides benefits of good health and wellness promotion. In addition, this practice is intended to make the students disciplined, responsible and self-confident. A well designed training schedule is provided to the sportspersons for the preparation of the events. With promising young sportspersons being produced every session, the institution is producing able sportspersons, who are undoubtedly open to grab the immense opportunities in the country. "Physical training should have as much a place in the curriculum as mental training," observed Gandhiji. This dictum is faithfully practiced as the college conducts and organizes sports activities throughout the academic year. The budding sportspersons of the college have brought laurels to the institution with their active participation. The college has signed an MOU with the Punjab Sports Department. This tie-up allows the sportspersons of the college to have an access to the best of the sports facilities at the Polo Ground and the National Institute of Sports (NIS), Patiala. In addition to this, the college has also taken initiatives to tie up with the different sports wings of the Punjabi University, Patiala, thus making it feasible for the students of this institution to avail the best



sports facilities available on the University campus too. These arrangements have definitely proved to be a boon for the students and they have honed their sporting skills substantially. It would not be out of place to mention here that our students are also exposed to training sessions by coaches of National and International stature for refining the skill in their respective disciplines. The success of these arrangements is evident from the achievements bagged by the sportspersons of this college.

One of the main focus areas of higher education in India is to promote research. This national focus matches with the objective of our college which states that we shall always strive to design programmes for training the students to imbibe scientific, logical and critical thinking for encountering challenges. Research programmes always sharpen the skills of the teaching faculty as well as improve the quality of education they impart. Thus, research programmes are of great importance for both teachers as well as the students. For grasping the intrinsic necessity of attaching importance to research, we need to appreciate the environment in which we operate. We are situated in one of the most urbanized cities of the state of Punjab. Reputed institution of higher learning in the field of engineering, medicine, law, sports, education and commerce are located around us. Research programme in all these institutions are an integral part of their activities and this creates an environment where our teachers participate on regular basis. We have an opportunity which our location provides us and we have not failed here. Secondly, the vision and objective of our management to widen the horizon of knowledge of our teachers and students, National and International Seminars are organized regularly where research students find an opportunity to interact, understand and apply the knowledge they gather from other scholars.



Strengths:

1. Philanthropic and dedicated Management committed to the cause of delivering quality education to each section of society.
2. Consistent excellent performance over the last five decades has enabled us to achieve place of eminence in the field of education in this region.
3. Availability of excellent conducive environment for research and innovation.
4. Locational advantage in attracting both urbanite and rural youth from far and wide areas.
5. Well qualified, dedicated and experienced teaching faculty
6. College ranked among the top 10 educational institutions of Northern States in Science and Commerce in the surveys published by The Tribune on 18/04/2014.

Weaknesses:

1. Recruitment of faculty on ad-hoc basis because of the State Govt. policy not to fill vacancies against the vacant posts covered under grant-in-aid scheme. Resultantly, there is great difficulty in hiring and retaining competent teachers.
2. Limited availability of land has forced us not to construct auditorium and hostel facility.

Opportunities:

1. Proximity to very reputed public and convent schools whose pass-outs seek admission in our college. These students have high quality bench mark which can be improved through skill development programmes easily.
2. Wholehearted support from the management for initiatives to augment magnanimous infrastrure to improve classroom delivery and start new courses.



3. A large number of our own PG students provide enough scope for UGC/NET guidance and soft skill development programmes.

Threats:

1. Reputed Govt. Colleges in the surrounding area charge much less fees compared to ours. Huge difference between the fee structure of private and govt. colleges is responsible for the shift of meritorious students to govt. colleges.
2. Emergence of new autonomous colleges and private universities in the surrounding area.



1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name:	Multani Mal Modi College	
Address:	Near Sunami Gate	
City:	Patiala - 147001	State: Punjab
Website:	www.modicollege.com	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Khushvinder Kumar	Off.: 0175-2214108 : 0175-2212049 Res:	98155-46108	0175-2305853	principal@modicollege.com
Incharge, IQAC	Dr. Vinay K. Jain	Off: 0175-2212049 Res:	92160-70666		vinayjain04@yahoo.com
Steering Committee Coordinator	Prof. Nirmal Singh	Off: 0175-2212049 Res:	94174-35727		nsbhatti27@gmail.com

3. Status of the Institution:

- Affiliated College ☒
- Constituent College ☐
- Any other ☐
(specify)

4. Type of Institution:

(a) By Gender

- For Men ☐
- For Women ☐
- Co-education ☒

(b) By Shift

- Regular ☒
- Day ☐
- Evening ☐

5. It is a recognized minority institution?

- Yes ☐
- No ☒

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Sources of funding:

- Government ☐
- Grant-in-aid ☒
- Self-financing ☒
- Any other ☐

7. (a) Date of establishment of the college: 01/07/1967 (dd/mm/yyyy)

(b) University to which the college is affiliated /or which governs the college

(If it is a constituent college)

(c) Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	27-07-1973	
ii. 12 (B)	27-07-1973	

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

(d) Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	N.A.			
ii.	N.A.			
iii.	N.A.			
iv.	N.A.			

(Enclose the recognition/approval letter)



8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☒

No ☐

If yes, has the College applied for availing the autonomous status?

Yes ☐

No ☒

9. Is the college recognized?

(a) By UGC as a College with Potential for Excellence (CPE)?

Yes ☒

No ☐

If yes, date of recognition: **20-07-2010**

(b) For its performance by any other governmental agency?

Yes ☐

No ☒

If yes, Name of the agency **N.A.** and Date of recognition: **N.A.**
(dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	URBAN
Campus area in sq. mts.	21780.93 Sq Mt.
Built up area in sq. mts.	280672.39 Sq. Ft. (26074.4650 Sq. Mt.)

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities Multimedia Room (Room no 8), (with Audio System and Projectors), Open Air Theatre.
- Sports facilities:**
- Play ground ☒

Lawn Tennis, MOU with Sports Department, Government of Punjab for 13 different wings.

• Swimming pool ☐

• Gymnasium ☒

• **Hostel**

(a) Boy's hostel ☐

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities (mention available facilities)

(b) Girls' hostel

☐

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities (mention available facilities)

(c) Working women's hostel

☐

- i. Number of inmates
- ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available cadre wise) : **5 residential quarters given to non-teaching staff**

• Cafeteria — ☒

• Health Centre — ☒

- First aid, Inpatient, Outpatient, Emergency care facility, Ambulance, Health centre staff:

- Qualified Doctor:

Full Time ☐ Part Time ☒

- Qualified Nurse

Full Time ☐ Part Time ☒

• Facilities like banking, post office, book shops ☐

• Transport facilities to cater to the needs of students and staff ☐

• Animal house ☐

• Biological waste disposal ☒

• Generator or other facility for management/regulation of electricity and voltage ☒



- Solid waste management facility ☒
- Waste water management facility ☒
- Water harvesting facility ☒

12. Details of Programme's offered by the college (Give data for current academic year):

Sr. no.	Programme Level	Name of the Programme/ Course	Year of Starting	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under-Graduate	B. A.	1967	3 Years	10+2	English/Pbi.		1081
		B. Sc.(M, NM)	1967	3 Years	10+2 (Sci.)	English		405
		B. Com.	1967	3 Years	10+2	English	540	571*
		BCA	1998	3 Years	10+2	English	240	293*
		BBA	1999	3 Years	10+2	English	150	174*
		BSc(CS)	2004	3 Years	10+2 (Sci.)	English	180	180
		BSc (BT, BI)	2006	3 Years	10+2 (Sci.)	English	210	102
		B.Com. (P)	2010	3 Years	10+2	English	180	209*
		B. Sc. (MCM)	2013	3 Years	10+2	English	40	46*
		BSc (FD)	2013	3 Years	10+2	English	40	13
2	Post-Graduate	M.Sc. (Chemistry)	2007	2 Years	Graduation with Chemistry	English	60	66*
		M.Sc. (IT)	2007	2 Years	Graduation	English	60	26
		M.Sc. (Pharm. Chem.)	2008	2 Years	Graduate with Chemistry	English	60	03
		M.Sc. (Bio-Tech)	2009	2 Years	Graduate with Chemistry	English	60	26
		M.Sc. (IT-LE)	2010	2 Years	Graduation with PGDCA	English	30	18
		M.Sc. (Maths)	2011	2 Years	Graduate with Maths	English	60	45
		M. Com.	2011	2 Years	B.Com./BBA/B.Com (P)	English	60	65*
		M.Sc. (FDT)	2008	2 Years	Graduation	English	60	46
3	Integrated Programmes PG							
4	Ph.D.							
5	M.Phil							
6	Certificate courses	Add-on Course • Spoken English • Computerized Accounting • Journalism & Mass Communication		1 Year 1 Year 1 Year		English English English		
7	UG Diploma	Diploma • Spoken English • Computerized Accounting • Journalism & Mass Communication		2 Years 2 Years 2 Years		English English English		



8	PG Diploma	PGDCA PGDDD&T	1998 2005	1 Year 1 Year	Graduation Graduation	English English	120 30	43 02
9	Any Other (specify and provide details)	Advance Diploma • Spoken English • Computerized Accounting • Journalism & Mass Communication		3 Years 3 Years 3 Years		English English English		

13. Does the college offer self-financed Programme's?

Yes ☒ No ☐

If yes how many?

- ☐ B. Sc. (Bio-Technology)
- ☐ B.Sc. (Bio-Informatics)
- ☐ B. Sc. (Computer Science)
- ☐ B. Sc. (MCM)
- ☐ B. Sc. (FD)
- ☐ B. Com. (P)
- ☐ BBA
- ☐ BCA
- ☐ PGDDD&T
- ☐ PGDCA
- ☐ M.Sc. (Chemistry)
- ☐ M.Sc. (Bio-Tech)
- ☐ M.Sc. (Pharm. Chem.)
- ☐ M.Sc. (Math's)
- ☐ M.Sc. (FDT)
- ☐ M.Sc. (IT), (IT – L.E.)
- ☐ M.Com

14. New Programmes introduced in the college during the last five years if any?

Yes ☒ No ☐ Number

*2009-10 M.Sc Bio-tech
 2010-11 B.Com. (Prof), M. Sc. I.T. (Lateral Entry)
 2011-12 M. Com., M. Sc. Math
 2012-13 -
 2013-14 B.Sc. (MCM), B.Sc. (FD)

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)



Faculty	Departments (Course Wise List)	UG	PG	Research
Science	BSc (Non-Medical), BSc (Medical), BSc(Bio-Technology), BSc(Bio-Informatics), MSc (Chemistry), MSc (Pharmaceutical Chemistry), MSc (Mathematics), MSc (Bio-Technology)	4/8	04	02 (Chemistry, Biotechnology)
Arts	B.A., BSc (Fashion Technology), MSc (Fashion Design and Technology), PGD Dress Design and Technology	02	02	Nil
Commerce	B.Com. B.Com. (Professional), M.Com.	02	01	01
Any Other (Specify)	BBA, BSc (MCM) BCA, BSc (Computer Science), PGDCA, MSc (IT), MSc (IT) – Lateral Entry	04	02	Nil

16. Number of Programmes offered under (Programme means a degree course like BA, B.Sc. MA, and M.Com...)

a. Annual system	01	<input checked="" type="checkbox"/>
b. Semester system	21	<input checked="" type="checkbox"/>
c. Trimester system	-	<input type="checkbox"/>

17. Number of Programmes with

a. Choice Based Credit System	<input type="checkbox"/>
b. Inter/Multidisciplinary Approach B.Sc. (MCM, Bio-Info, C.S)	03
c. Any other (specifies and provides details)	<input type="checkbox"/>

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes ☐ No ☒ (If yes)

- a. Year of Introduction of the programme's N.A (dd/mm/yyyy) and number of batches that completed the programme N.A.

- b. **NCTE recognition details** (if applicable)

Notification No: N.A

Date: N.A (dd/mm/yyyy)

Validity: N.A

- c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes ☐ No ☒



19. Does the college offer UG or PG programme in Physical Education?Yes ☐No ☒**If yes**

a. Year of Introduction of the programme(s) N.A (dd/mm/yyyy) and number of batches that completed the programme N.A

b. NCTE recognition details (if applicable)

Notification No: N.A

Date: N.A (dd/mm/yyyy)

Validity: N.A

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately? N.A

Yes ☐No ☐**20.** Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate		Assistant					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government	01	-	08	06	01	01	15	01	07	-
Yet to recruit	45						24			
Sanctioned by the Management/ society or other authorized bodies					27	62	27	04	09	-
Yet to recruit										

*M-Male *F-Female



21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.			04	01	03	02	10
M.Phil.			03	05	05	02	15
PG			01	-	05	02	08
Temporary teachers							
Ph.D.					05	06	11
M.Phil.					04	18	22
PG					05	35	40
Part-time teachers N.A.							
Ph.D.							
M.Phil.							
PG							

22. Number of Visiting Faculty /Guest Faculty engaged with the College. ☒

23. Furnish the number of the students admitted to the college during the last four academic years. 2010-11 2011-12 2012-13 2013-14

Categories	Year 1		Year 2		Year 3		Year 4	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	33	30	44	30	48	43	76	47
ST	-	-	-	-	01	02	-	01
OBC	76	72	106	77	132	82	114	116
General	1368	1169	1468	1234	1546	1307	1654	1441
Others	-	-	-	-	-	-	-	-

24. Details on students enrollment in the college during the current academic year (2013-14):

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	2971	283	-	-	3254
Students from other states of India	179 (5.66%)	16 (5.2%)	-	-	195
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	3150	299			3449



25. Dropout rate in UG and PG (average of the last two batches)

Session	UG	PG
2012-13	6.87%	11.15%
2013-14	9.05%	7.09%

26. Unit Cost of

Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

	2009-10	2010-11	2011-12	2012-13
Receipts	28933	29904	33120	39492
(a) including the salary component	35469	26170	26277	28159
(b) excluding the salary component	18671	8911	7716	9309

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes

☐

No

☒

If yes

a) Is it a registered centre for offering distance education programmes of another University N.A

Yes

☐

No

☐

b) Name of the University which has granted such registration. N.A

c) Number of programmes offered N.A.

d) Programmes carry the recognition of the Distance Education Council. N.A

Yes

☐

No

☐

28. Provide Teacher-student ratio for each of the programme/course offered:

Course	Student Teacher Ratio	Course	Student Teacher Ratio
B.Sc.1 (NM)	24:01	BCA-I	39:01
B.Sc. II (NM)	22.3 : 1	BCA-II	29:01
B.Sc. III (NM)	23.1 : 1	BCA-III	32:01
B.Sc.1 (Med.)	13:01	BSc(CS)-I	33:01
B.Sc. II (Med.)	7.5:1	BSc(CS)-II	33:01
B.Sc. III (Med.)	5:01	BSc(CS)-III	16:01



B.Sc.1 (Bioinformatics)	4:01	MSc(IT)-I	7:01
B.Sc.-II (Bioinformatics)	4:01	MSc(IT)-II	18:01
B.Sc.-III (Bioinformatics)	4:01	MSc(IT-LE)	11:01
B.Sc. (Biotechnology)	20.25 : 1	PGDCA	32:1
M.Sc. (Biotechnology)	6.1 : 1	BBA-I	48:01
M.Sc. (Chem.)	12.3 : 1	BBA-II	42:01
M.Sc. (Pharmaceutical Chem.)	4.5 : 1	BBA-III	44:01
M.Sc. (Mathematics)	5.5:1	B Sc (MCM)-I	23:01
B Com I	44.9 : 1	B. A.	36.03 : 1
B Com II	50.1 : 1	B.Sc.(FDT)	13:01
B Com III	50.5 : 1	M.Sc.(FDT)-I	16.8 : 1
B Com (P) - I	52.80 : 1	M.Sc.(FDT)-II	21.6 : 1
B Com (P) - II	50.28 : 1	PGDDT	3:01
B Com (P) - III	52.00 : 1		
M Com I	24.80 : 1		
M Com II	21.6 : 1		

29. Is the college applying for?

Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4
 Re-Assessment: Cycle 2

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 28/02/2005 (dd/mm/yyyy) Accreditation Outcome/Result B++.

Cycle 2: (dd/mm/yyyy) Accreditation Outcome/Result.....

Cycle 3: (dd/mm/yyyy) Accreditation Outcome/Result.....

* *Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year. 230 Days

32. Number of teaching days during the last academic year. 188 DAYS



(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC 05-10-2011 (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) 2009-10 (05/11/2011)

AQAR (ii) 2010-11 (05/11/2011)

AQAR (iii) 2011-12 (26/07/2014)

AQAR (iv) 2012-13 (26/07/2014)

AQAR (v) 2013-14 (26/07/2014)

35. Any other relevant data (not covered above) the college would like to include.

(Do not include explanatory/descriptive information)

The College has been conferred with the status of College with Potential for Excellence (CPE) by UGC.



2. Criteria - wise Inputs

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

The Motto, Vision, Mission and Objectives of the college provide us the glimpses of the philosophy of the founders of the college. This is a guiding force for us and we always strive hard to ensure that their dreams are fulfilled. The spirit of this philosophy is enshrined in the motto and mission of our college.

“MOTTO”

“TAMASO MA JYOTIRGAMAYA”

(LEAD ME FROM DARKNESS TO LIGHT)

“VISION & MISSION”

TO BE A FORWARD LOOKING INSTITUTION THAT PROVIDES QUALITY EDUCATION AT AFFORDABLE COST AND MAKE THE STUDENTS HUMANE AND CONSCIOUS OF CONTEMPORARY SOCIETAL CONCERNS.

“OBJECTIVES”

- * TO PROVIDE AN ENVIRONMENT WHERE YOUNG MINDS ARE ENTHUSED TO BE CREATIVE AND INNOVATIVE
- * TO PROVIDE LEVEL PLAYING FIELD FOR ECONOMICALLY DISADVANTAGED, SOCIALLY NEGLECTED AND DIFFERENTLY ABLED STUDENTS



- * TO SENSITISE STUDENTS TO SOCIAL, ECONOMIC, CULTURAL AND ENVIRONMENTAL ISSUES
- * TO PROVIDE OPPORTUNITIES WHERE LATENT TALENTS OF STUDENTS CAN BLOOM
- * TO DESIGN PROGRAMMES FOR TRAINING STUDENTS TO IMBIBE SCIENTIFIC, LOGICAL AND CRITICAL THINKING FOR ENCOUNTERING CHALLENGES
- * TO FACILITATE SKILL-BUILDING OF THE STAFF FOR SMOOTH TRANSITION FROM TEACHER-CENTRED MODEL TO STUDENT-CENTRED MODEL OF EDUCATION
- * TO DEVELOP AND SUSTAIN A CARING AND SUPPORTIVE CLIMATE FOR PROMOTING INDIVIDUAL AND COLLECTIVE EXCELLENCE
- * TO BUILD STATE OF THE ART INFRASTRUCTURE EQUIPPED WITH LATEST TECHNOLOGY IN ORDER TO ENRICH THE TEACHING-LEARNING EXPERIENCE.
- * TO ALIGN THE KNOWLEDGE DELIVERY SYSTEM TO SHIFTING PEDAGOGICAL PARADIGMS

The vision and mission statement is printed in the college prospectus and shown on the college website. It is also displayed at various locations within the college campus.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

Though curriculum is designed by affiliating university, academic council is constituted at College level for its effective implementation. Academic council plans the utilization of prescribed curriculum to be



covered in each term. The curricular and co-curricular activities are planned and provided in the annual academic calendar. Further, two mid semester tests are conducted as required by the university. Extension lectures are arranged for students by inviting distinguished speakers from different universities, institutes and industry.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The faculty is encouraged to participate in seminars, workshops and conferences organized by other institutions. Duty leaves are granted by the college to attend such programmes.

The college has also arranged Faculty Development Programme where all the teachers participated enthusiastically.

Refer to *Annexure-I* for details regarding faculty development programmes. This annexure provides information for each teacher as well as for faculty as a whole.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.

At the beginning of the session curriculum for the semester is divided in units keeping two factors in mind

- a) Mid semester tests
- b) Vacations declared by the university.

The unit planning of the curriculum is done by each faculty and put before the academic council for approval at the beginning of each session.



This unit wise division of the syllabus is communicated to the students and teachers through the college website and its copies are also provided to the Heads of the departments.

Copy of this division of syllabus is also placed in the library for reference by students as well as teachers.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

Our college has well placed system of networking and interacting with academia and industry. As already stated we arrange extension lectures where experts from other institutions are invited for interacting with our students and we encourage students to raise issues concerning their subjects. This provides an opportunity where the latest developments in their respective field of study are shared by all.

This initiative, needless to say, makes the operationalization of curriculum very effective.

Secondly we have two-way interacting mode with the industry. Our students visit the industrial units and get themselves acquainted with the real work environment. It helps them in understanding the theoretical base of the curriculum.

We organize the visits of those persons who have first hand industrial experience either as an entrepreneur or member of managerial team.

This interaction is basically aimed at providing a hands on experience to the students and let them appreciate the umbilical cord between theory and practice of their curriculum.



For the details of eminent speakers invited in the college as well as industrial visits of the students organized by the college refer to *Annexure-V*.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

14 Faculty members represent the college on 17 Boards of Studies of Punjabi University, Patiala for designing curriculum.

To enable them to enrich University Board meetings, college has developed a participative approach. Departmental meetings are organized where the opinion of faculty members in connection with syllabus is gathered and then put forward in Board meetings.

We also have a system in place for gathering feedback from alumni with regard to curriculum; and changes they suggest are taken up by the faculty members at University Board meetings.

Refer to *Annexure-VI* detailing the faculty members representing college on University Boards of Studies of Punjabi University, Patiala.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Apart from providing valuable suggestions in board meetings for designing curriculum, one of our faculty members has even been made the chairperson of a committee appointed for suggesting the syllabus of B Sc (Fashion Technology). The syllabus suggested by her was taken up at the Board meeting and passed after healthy discussions and making alterations wherever needed.



Finishing school programme is a new initiative where modules have been developed by a group of teachers taken from various faculties. This course is an exclusively in-house developed course and it enhances the employability quotient of the outgoing students.

Refer to *Annexure-X* for modules of finishing school programme.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

After the introduction of semester system, students and teachers have to monitor the extent of completion of syllabus continuously. Departmental meetings are organized before the start of mid semester test and courses covered are reviewed. It provides an opportunity to compare the course actually covered with the course planned as per the division of syllabus in the beginning of the session.

Academic Council discusses this issue in detail and suggests remedial measures wherever required.

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate / diploma / skill development courses etc., offered by the institution.

Our mission and objective as envisioned by our founders is to provide quality education to every section of the society in general and to the underserved or disadvantaged section in particular. We strive to create an academic environment and provide ample opportunities for delivering knowledge and equipping the students to serve the nation as responsible citizens. Enhancement of employability quotient is another area of focus for this institution.

Keeping this in view, we have started following courses:

- a) Postgraduate Diploma in Computer Application



- b) Add-on Courses in Spoken English for Communication Skill, Journalism and Mass Communication and Computerized Accounting.
- c) Finishing school programme

1.2.2 Does the institution offer programmes that facilitate twinning / dual degree? If 'yes', give details.

The dual degree courses have not been allowed by the Affiliating University. However, Add-on Courses running in the college provide an opportunity to the students to receive certificates, diplomas and advanced diplomas along with their bachelor degrees.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

- Range of Core / Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses
- Enrichment courses

Not much flexibility is available to the colleges because curriculum and course contents are designed at the Punjabi University level, however, choice of subjects in the Faculty of Arts is quite wide. Our college has extended this choice to the students by offering 16 elective subjects. Specialisations in Organic, Inorganic and Physical Chemistry have been offered to PG students of Chemistry. This helps the students in choosing those subjects which suit their long term career planning.



Our college has one Postgraduate course (M.Sc.IT) where lateral entry in second year is possible.

We have started two courses for enriching the teaching learning experience. These are

- a) Finishing school programme
- b) Three Add-on Courses.
 - * Spoken English for Communication Skills
 - * Journalism and Mass Communication
 - * Computerised Accounting

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Our college offers 17 self-financed courses:

BSc (Bio-Technology), BSc (Bio-Informatics), BSc (Computer Science), BSc (MCM), BSc (FD), BCom (P), BBA, BCA, PGDDD&T, PGDCA, MSc (Chemistry), MSc (Bio-Tech), MSc (Pharmaceutical Chemistry), MSc (Mathematics), MSc (FDT), MSc (IT), MSc (IT-LE), MCom

These programmes are not different from other courses with regard to admission, curriculum and teacher qualification or salary.

The fee structure of self-financed courses is provided by the university whereas college has more freedom in finalizing the fee structure for other courses.

The range of annual fee for self financing courses varies from Rs. 30,000 to Rs. 45,000 whereas for other courses it is Rs. 18,000 to Rs. 23,000. The details of fee are published in the prospectus and available on the college website.



- 1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Course enrichment programmes play key role in improving the communication skill of the students and also widens the horizon of their knowledge. These two traits enable our students to have an edge over others in the job market. Finishing school programme with specially designed contents is of great help to our final year students of both under-graduate and post-graduate courses. It focuses on Communication, C.V. Writing, Mock Interviews etc. Three Add-on courses being run in the college enable the students to get additional degree. This improves the employability level of those who join these courses.

- 1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If 'yes', how does the institution take advantage of such provision for the benefit of students?

The affiliating University does not allow the twinning of face to face and distance mode courses. However, students are free to shift to conventional mode during three year degree course i.e. from conventional to distance mode or vice-versa.

1.3 Curriculum Enrichment

- 1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

Course contents as provided by the university are good enough to lay sound theoretical foundation for the subject students choose. But to further enrich their learning experience, our college runs Finishing School Programmes. The syllabus of this course is designed by our college. Apart from this, for all the PG Courses, college has designed



short term internship programme in addition to the prescribed curriculum.

Refer to *Annexure-VII* for various internship programmes designed by the college for PG Courses in addition to the curriculum prescribed by the affiliating university.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

Industrial Visits by students, Extension Lectures by eminent scholars and project work done by students and internship training to PG students makes them more confident to handle difficulties. Apart from it, finishing school programme specifically designed to enhance the employability of students is provided to the outgoing students. This ensures success in their careers. *Departmental reports contain relevant information for all activities mentioned here.*

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

A qualifying paper titled Environmental and Road Safety Awareness is mandatory for all the streams at undergraduate level. This paper covers wide range of topics such as Renewable and Non Renewable Resources, Ecosystems, Environmental Pollution, Social Issues and Environment, Environmental Laws and Road Safety Awareness. The knowledge of ICT is provided by offering a compulsory paper in the courses of B.Com., B.Com (Professional), BBA, BSc (FT), BSc (Bio-Technology), BSc (Bio-informatics), M.Com., MSc (Chemistry), MSc (Pharmaceutical Chemistry), MSc (Maths), MSc (FD&T) whereas as an optional paper in the course of B.A. is also offered in the college.



1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

§ moral and ethical values

§ employable and life skills

§ better career options

§ community orientation

For inculcating moral and ethical values and honing the skills of students, we take three initiatives:

- a) Arrange orientation programme at the beginning of the session
- b) Special days/sessions are arranged by Swami Vivekananda Study Circle, NSS, NCC and various clubs. Some of the regular annual programmes to inculcate ethical values, community orientation as well as enhance employability skills are enlisted below:

- Training workshop on Plant Tissue Culture
- Workshop on Waste Management
- Tree Plantation Camp
- Blood Donation Camp
- Book Exhibitions
- Modi Jayanti Celebrations
- National Youth Day Celebrations
- International Women's Day Celebrations
- Independence Day
- Republic Day

(For details of all activities in this context refer to Annexure-XI).

- c) Finishing school programme.



1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

On the basis of feedback from stakeholders, various courses have been started by college. These are:

1. M. Sc. Chemistry (2007)
2. M. Sc. IT (2007)
3. M. Sc. Pharmaceutical Chemistry (2008)
4. M. Sc. Fashion Technology (2008)
5. M.Sc. Biotechnology (2009)
6. B Com (Professional) (2010)
7. M.Sc. IT – Lateral Entry (2010)
8. M.Sc. Mathematics (2011)
9. M.Com. (2011)
10. B.Sc. MCM (2013)
11. B.Sc. Fashion Technology (2013)

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The quality of enrichment programmes is discussed in Academic Council meetings during the session. Teachers present their observations and informal feedback from students is taken.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Our teachers contribute in finalization of course contents by attending and actively participating in various Board of Studies meetings of the affiliating University. They have also helped in formulating new courses and designing the entire programme keeping job market needs in mind. The list of faculty members representing in University Board of Studies is given in *Annexure-VI*.



1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Feedback is taken from students, parents and alumni. The information is received on feedback proforma. It is analyzed and suggestions are put forward to academic council. This is also an important source of information for those teachers who are members of Board of Studies, Punjabi University, Patiala. This flow of feedback from stakeholders to college and from college to the University is very effective and useful in designing the curriculum. Refer 1.3.5 for information regarding the new courses started by the college on the basis of feedback received from various stakeholders.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

Any other relevant information regarding curricular aspects which the college would like to include.

New courses introduced during the last four years are listed below:

M.Sc. Biotechnology (2009)

B Com (Professional) 2010

M.Sc. Information Technology (2010)

M.Sc. Math (2011)

M.Com (2011)

B.Sc. MCM (2013)

B.Sc. (Fashion Technology)-2013

Each new course is started keeping in view the interplay of number of factors. Of course, the current job market requirement is most important force to reckon with but other trends of the region do influence such decisions.

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

ADMISSION PROCESS:

The information regarding the new admission in each session is provided through:

- a) Advertisement in newspapers
- b) Advertisements in local media
- c) Through college website

Applications are received and last date for receiving the application is also provided for some courses. Merit List is prepared on the basis of the score in the qualifying examination.

Merit List is made public before the start of the admission. Counselling is done according to the merit list in various phases.

Waiting list is also prepared and disclosed to the applicants. Date of admission for those candidates which fall in waiting list is also displayed on the notice board.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

The admission process is divided into two parts:

Part 1 - Entry level classes

Part 2 - Other classes



Part 1) Admission for Entry Level classes such as BA-1, B Com-1, B.Sc-1, BCA-1, BBA-1, MCom-1, MSc-1 etc. is strictly according to the rules of Punjabi University Patiala and Punjab State Government rules.

Part 2) Admission for other classes

Admission is done according to the rules provided for promoting the students to next higher class. Students from our own college are promoted keeping into view rules laid down by Punjabi University Patiala. But, lateral entry for students from other colleges is done keeping into view number of seats vacant in each class as well as guidelines given by Punjabi University, Patiala.

Applications from outsiders are received and these applications are considered on the basis of merit and vacant seats are filled in each course.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Information regarding minimum and maximum percentage of marks of students admitted in the session 2014-15:

Course	Category	Max%	Min%
BA-I	General	93.00%	41.60%
	BC	85.30%	39.70%
	defence	73.00%	52.00%
	SC	86.66%	42.00%
	Sports	83.50%	43.00%
BCom-I	General	91.40%	71.00%
	SC	72.33%	54.80%
	BC	83.00%	73.11%
	Rural	85.50%	54.20%
	Sports	77.77%	54.80%
	defence	84.80%	58.00%
BSc-I (Non Medical)	General	91.20%	62.40%
	BC	86.30%	50.60%



	Defense	68.20%	68.20%
	Rural Area	87.00%	63.60%
	SC	80.89%	60.80%
	Sports	67.33%	54.40%
BSc-I (Bio-Informatics)	General	80.66%	71.00%
	BC	81.77%	65.40%
BSc-I (Computer Science)	General	86.20%	56.40%
	BC	81.50%	56.40%
	OBC	65.40%	62.40%
	SC	92.45%	92.45%
	ST	82.40%	82.40%
	Sports	76.00%	76.00%
	Defense	82.60%	82.60%
BSc-I (Fashion Technology)	General	80.00%	40.80%
BSc-I (Bio-Technology)	General	87.20%	55.40%
	BC	82.00%	64.40%
	SC	79.40%	53.60%
BSc-I (MCM)	General	87.55%	58.00%
BSc-I (Medical)	General	89.11%	59.80%
	BC	81.11%	60.60%
	SC	78.20%	59.40%
	Defense	70.20%	70.20%
BCom-I (Professional)	General	87.11%	67.00%
	BC	79.80%	75.11%
	SC	75.50%	62.20%
	Sports	69.00%	64.20%
	Rural Area	60.80%	60.80%
	Rural Area	73.40%	63.20%
BCA-I	General	85.30%	49.80%
	BC	76.00%	49.40%
	SC	85.70%	76.20%
BBA-I	General	90.44%	49.80%
	BC	74.88%	61.00%
MSc-I (Pharmaceutical Chemistry)	General	64.00%	50.00%
	BC	55.91%	55.91%
	SC	73.08%	73.08%
	Sports	65.60%	65.60%
MSc-I	General	79.48%	61.45%
	BC	80.56%	80.56%
	SC	62.74%	54.00%
	Sports	66.70%	66.70%
	Staff member	63.70%	63.70%



	Widow/divorcee women	68.50%	68.50%
	Ward of Freedom Fighters	63.60%	63.60%
	Riot /Terrorism Affected	66.40%	66.40%
	Rural Area	66.65%	66.65%
MSc-I (Mathematics)	General	78.50%	50.96%
	BC	62.90%	60.90%
	SC	67.00%	47.20%
	Sports	53.80%	53.80%
MSc-I (Fashion Designing)	General	55.33%	47.29%
	SC	52.00%	52.00%
	Riot /Terrorism Affected	72.00%	72.00%
PGDCA	General	66.38%	38.60%
	BC	40.54%	40.54%
	Sports	54.08%	45.00%
MSc-I (I.T.)	General	83.2%	52.56%
	Sports	51.6%	51.6%
MSc-I (Chemistry)	General	50%	60.55%
	SC	47%	47%
	BC	55.91%	55.91%
	Sports (Gen.)	57.7%	57.7%

Though it is not a common practice but in the courses of commerce stream the students with highest percentage prefer Punjabi University Campus and Govt. Bikram College of Commerce, Patiala. The third preference is usually given to our college. Whereas, in the streams of Science and Humanities first three preferences are Punjabi University Campus, Govt. Mohindra College, Patiala and Govt. College for Girls, Patiala and the fourth preference is our college.

The main reason for the preference of other local colleges over ours is *the huge difference in fee structure*, as the other colleges are Govt. institutes.

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

Departmental admission committees are constituted which are headed by the convener and teachers of the respective Department



and other associated staff members are included in it.

The entire admission process is discussed in the committee meetings and admission programme is chalked out accordingly. Merit for admission and reservation policies as per the University and State Government rules are discussed and followed at the time of admission. For the comfort and convenience of applicants falling in reserve categories, admissions of such categories is done separately on a specific day as conveyed to the applicants in advance.

Admission Counseling Schedule (2014-15):

Class	Eligibility	Date of 1st Counseling	Cutoff % of 1st Counseling	Date of 2nd Counseling	Cutoff % of 2nd Counseling
BA-I	10 +2	01.07.2014	50%	01.07.2014	50%
BCA-I	10 +2 Non Medical	10.06.2014	55%	28.06.2014	50%
	10 +2 ARTS		65%		60%
	10 +2 ARTS WITH MATHEMATICS		60%		55%
	10 +2 COMMERCE		60%		55%
BBA-I	10 +2 Arts	10.06.2014	65%	28.06.2014	60%
	10 +2 COMMERCE/SCIENCE/MATHS		60%		55%
B.Sc.-I NON MEDICAL	10+2 NON MEDICAL	10.06.2014	70%	02.07.2014	65%
B.Sc.-I MEDICAL	10+2 MEDICAL	10.06.2014	70%	02.07.2014	65%
B.Sc.-I Bio Technology	10+2 SCIENCE	10.06.2014	55%	02.07.2014	50%
B.Sc.-I Bio Informatics	10+2 SCIENCE	10.06.2014	50%	02.07.2014	50%
B.Sc.-I Computer science/MCM	10+2 NON-MEDICAL	10.06.2014	70%	02.07.2014	65%
B.Sc.-I Fashion Technology	10 +2	1.7.2014	All eligible	01.07.2014	All eligible
PGDCA	Graduation		All eligible		All eligible
PGDDT	Graduation		All eligible		All eligible



Sr. No.	Course	Date	Category
1st Counselling			
	B.Com.-I	1.7.2014 & 2.7.14	General
	B.Com.-I	3.7.14	Reserved
	B.Com. (Professional)-I	26.6.2014 & 27.6.14	General
		4.7.14	Reserved
2nd Counselling			
	B.Com.-I	8.7.14	General
	B.Com. (Professional)-I	4.7.14	General
3rd Counselling			
	B.Com.-I	19.7.14	General
	B.Com. (Professional)-I	11.7.14	General

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- * SC/ST
- * OBC
- * Differently abled

At the time of admission, following steps are taken for SC/ST, OBC and Differently abled students,

1. Days of counseling for these categories are fixed and conveyed to them beforehand. Students can plan their visit to the college accordingly.
2. Reservation policy of the state government is followed in letter and spirit.
3. Fee concession is allowed as per the rules laid down by the government.



* **Women**

For women candidates, college provides extra seat at the time of admission for single girl child. Other female candidates get admission on the basis of merit.

* **Economically weaker sections**

For economically weaker students, Sarbat Da Bhala Trust provides financial help of Rs 10000 per annum.

They are facilitated to avail state/union govt. scholarship schemes.

* **Minority community**

The issue of minority is very significant for our college because the proportion of students belonging to minority community is very large and in some courses it may be more than others. Nodal officer is appointed by the college who facilitates the submission of application forms for scholarships online.

* **Any other**

Sportspersons get following benefits:

1. They have 2% reservation in seats available in each course.
2. Full fee concession is given to sportspersons.
3. TA/DA is also given as per the rules of the University for Participation in various events.
4. Extra classes and Special examinations are arranged for them.



2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

Session 2014-15

S.No.	Programmes	Number of Applications	Number of Students admitted	Demand Ratio
1	B.Com (Part- I)	837	244	3.43
2	B.Com (Part- II)	185	179	
3	B.Com (Part- III)	189	183	
4	B.Com - I (Prof.)	389	77	5.05
5	B.Com - II (Prof.)	64	61	
6	B.Com.-III (Prof.)	67	65	
7	B.A. (Part- I)	987	616	1.60
8	B.A. (Part- II)	360	341	
9	B.A. (Part- III)	279	241	
10	B.Sc. - I (N.M.)	393	165	2.38
11	B.Sc. - II (N.M.)	132	123	
12	B.Sc. - III (N.M.)	97	93	
13	B.Sc. - I (Med.)	139	74	1.88
14	B.Sc. - II (Med.)	56	54	
15	B.Sc. - III (Med.)	25	22	
16	B.Sc. - I (C.S.)	76	70	1.09
17	B.Sc. - II (C.S.)	46	44	
18	B.Sc. - III (C.S.)	55	52	
19	B.Sc. - I (Bio.Inf.)	15	12	1.25
20	B.Sc. - II (Bio.Inf.)	7	7	
21	B.Sc. - III (Bio.Inf.)	11	10	
22	B.Sc. - I (Bio.Tech.)	65	35	1.86
23	B.Sc. - II (Bio.Tech.)	39	35	
24	B.Sc. - III (Bio.Tech.)	17	15	
25	B.Sc.(MCM)	71	49	1.45
26	B.Sc.II (MCM)	37	34	
27	B.Sc. I Fashion Tech	27	23	1.17
28	B.Sc.II Fashion tech	15	14	
29	B.C.A. - I	153	89	1.72
30	B.C.A. - II	71	68	
31	B.C.A. - III	101	98	
32	B.B.A. - I	169	68	2.49
33	B.B.A. - II	59	57	
34	B.B.A. - III	53	50	
35	M.Com - I	107	42	2.55
36	M.Com - II	32	30	
37	M.Sc.- I (Bio.Tech.)	15	11	1.36



38	M.Sc.- II (Bio.Tech.)	9	7	
39	M.Sc.- I (Chem.)	83	39	2.13
40	M.Sc.- II (Chem.)	35	32	
41	M.Sc.- I (Pharma.)	14	13	1.08
42	M.Sc.- II (Pharma.)	0	0	
43	M.Sc.- I (Maths)	80	42	1.90
44	M.Sc.- II (Maths)	34	32	
45	M.Sc.- I (I.T.)	35	19	1.84
46	M.Sc.- II (I.T.)	15	13	
47	M.Sc.-(I.T.)Lateral	4	4	
48	M.Sc.- I (Fashion)	29	24	1.21
49	M.Sc.- II (Fashion)	27	25	
50	P.G.D.C.A.	20	16	1.25
51	P.G.D.D.& T	5	3	
	TOTAL	5830	3720	1.93

Session 2013-14

S.No.	Programmes	Number of Applications	Number of Students admitted	Demand Ratio
1	B.Com (Part- I)	634	228	2.78
2	B.Com (Part- II)	215	189	
3	B.Com (Part- III)	207	180	
4	B.Com - I (Prof.)	189	78	2.42
5	B.Com - II (Prof.)	76	66	
6	B.Com.-III (Prof.)	72	65	
7	B.A. (Part- I)	739	613	1.21
8	B.A. (Part- II)	370	274	
9	B.A. (Part- III)	279	194	
10	B.Sc. - I (N.M.)	393	153	2.57
11	B.Sc. - II (N.M.)	132	94	
12	B.Sc. - III (N.M.)	97	57	
13	B.Sc. - I (Med.)	139	65	2.14
14	B.Sc. - II (Med.)	56	23	
15	B.Sc. - III (Med.)	25	13	
16	B.Sc. - I (C.S.)	89	65	1.37
17	B.Sc. - II (C.S.)	65	56	
18	B.Sc. - III (C.S.)	69	59	
19	B.Sc. - I (Bio.Inf.)	39	14	2.79
20	B.Sc. - II (Bio.Inf.)	17	10	
21	B.Sc. - III (Bio.Inf.)	21	13	
22	B.Sc. - I (Bio.Tech.)	75	38	1.97
23	B.Sc. - II (Bio.Tech.)	39	15	



24	B.Sc. - III (Bio.Tech.)	17	12	
25	B.Sc.-I (MCM)	71	44	1.61
26	B.Sc.-I (Fashion Tech)	27	15	1.80
27	B.C.A. - I	159	110	1.45
28	B.C.A. - II	115	105	
29	B.C.A. - III	101	87	
30	B.B.A. - I	169	65	2.60
31	B.B.A. - II	67	54	
32	B.B.A. - III	61	55	
33	M.Com - I	69	38	1.82
34	M.Com - II	32	27	
35	M.Sc.- I (Bio.Tech.)	27	11	2.45
36	M.Sc.- II (Bio.Tech.)	19	15	
37	M.Sc.- I (Chem.)	75	37	2.03
38	M.Sc.- II (Chem.)	35	29	
39	M.Sc.- I (Pharma.)	14	0	
40	M.Sc.- II (Pharma.)	5	3	
41	M.Sc.- I (Maths)	80	35	2.29
42	M.Sc.- II (Maths)	34	10	
43	M.Sc.- I (I.T.)	35	14	2.50
44	M.Sc.- II (I.T.)	25	12	
45	M.Sc.-(I.T.)Lateral	48	18	
46	M.Sc.- I (Fashion)	37	27	1.37
47	M.Sc.- II (Fashion)	27	19	
48	P.G.D.C.A.	59	43	1.37
49	P.G.D.D.&T	6	2	
	TOTAL	5451	3449	1.58

Session 2012-13

S.No.	Programmes	Number of Applications	Number of Students admitted	Demand Ratio
1	B.Com I	658	236	2.79
2	B.Com II	215	185	
3	B.Com III	205	162	
4	B.Com I(Professional)	169	71	2.38
5	B.Com II(Professional)	75	66	
6	B.Com III(Professional)	67	63	
7	B.A. I	705	528	1.34
8	B.A.II	305	245	
9	B.A.III	289	240	
10	B.Sc. - I (N.M.)	215	112	1.92
11	B.Sc. - II (N.M.)	89	64	



12	B.Sc. - III (N.M.)	39	22	
13	B.Sc. - I (Med.)	89	37	2.41
14	B.Sc. - II (Med.)	19	14	
15	B.Sc. - III (Med.)	7	5	
16	B.Sc. - I (C.S.)	117	62	1.89
17	B.Sc. - II (C.S.)	79	58	
18	B.Sc. - III (C.S.)	49	31	
19	B.Sc. I (Bio-Tech)	27	19	1.42
20	B.Sc.II(Bio-Tech)	15	12	
21	B.Sc.III Bio-Tech	9	6	
22	B.Sc. I (Bio-Informatics)	39	12	3.25
23	B.Sc.II (Bio-Informatics)	17	13	
24	B.Sc.III (Bio-Informatics)	22	20	
25	B.C.A. I	176	105	1.68
26	B.C.A II	95	89	
27	B.C.A.III	101	96	
28	B.B.A. I	159	77	2.06
29	B.B.A.II	62	58	
30	B.B.A.III	71	55	
31	M.Com - I	65	34	1.91
32	M.Com - II	32	28	
33	M.Sc.- I (Bio.Tech.)	34	18	1.89
34	M.Sc.- II (Bio.Tech.)	35	33	
35	M.Sc.- I (Chem.)	51	36	1.42
36	M.Sc.- II (Chem.)	53	33	
37	M.Sc.- I (Pharma.)	19	3	6.33
38	M.Sc.- II (Pharma.)	7	6	
39	M.Sc.- I (Maths)	33	15	2.20
40	M.Sc.- II (Maths)	15	13	
41	M.Sc.- I (I.T.)	45	16	2.81
42	M.Sc.- II (I.T.)	33	28	
43	M.Sc.-(I.T.)Lateral	37	19	
44	M.Sc.- I (Fashion)	41	23	1.78
45	M.Sc.- II (Fashion)	33	27	
46	P.G.D.C.A.	81	62	1.31
47	P.G.D.D.& T	10	4	
	TOTAL	4808	3161	1.52

Increasing trend in applications in the courses of B.Com., B.Sc., B.A., B.Com. (Professional), B.Sc. (NM), M.Sc. (Chemistry), M.Com. has been witnessed. Whereas, number of applications in B.Sc. (Computer Science), B.Sc. (Bio-informatics) and PGDCA is falling. In remaining courses the number of applications is almost same. These trends are in consonance with national trends.



2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

Our institution appreciates the needs of the students falling in different categories such as economically disadvantaged, differently-abled or underachievers. We also try to come up to the expectations of high achievers or advanced learners.

At the time of admission, reservation policy framed by Punjabi University and State Government is followed. Extra efforts are made to ensure that differently-abled students have easy access to their class rooms. Our college has constructed a special room for such students which is equipped with attached bathroom. The approach to the room is designed keeping in view the comfort and ease of such students. This room is equipped with Medical First Aid, Wheel Chair and Crutches etc. Ground floor class rooms of the entire campus are accessible to differently-abled students.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

We arrange special orientation classes for freshers where certain sensitive issues are discussed openly with the students. We understand that freshers have certain fears and anxieties such as fear of ragging, indecent behavior of seniors etc. All these issues are handled carefully. We have special teams of teachers who ensure that freshers are not inconvenienced in any manner. No senior can indulge in the practice of ragging or showing any other indecency to the freshers.

Principal and Deans of respective faculties enlighten the students about the various rules and regulations followed for the library,



various co-curricular activities undertaken by the college and other customs and traditions forming the spirit of culture of our college. This exercise is done to acclimatize the students with the new environment and allow them to get along with the new culture comfortably.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

The bridge course in Mathematics has been arranged for the students of BCA-I who have not studied mathematics in previous class. This exercise is done to improve the required competence of the students to match with the competence of those who have studied mathematics in previous classes.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Women cell of the college celebrate Women's Day by organizing extension lectures by experts and social activists, signature campaigns, awareness rallies etc. to infuse gender sensitivity. Local administration supports us by deputing the lady police patrol to ensure safety of girls. Entry to the campus is strictly with college identity card. This helps in checking cases of any type of indecency by outsiders and ensure safe campus environment for the girls.

Zero tolerance towards the disparity based on caste, religion, ability and socio-economic status has been ensured. The sensitisation to these issues is done for entry level students in the orientation sessions. As a result, no such issue has been reported in the recent past.

To sensitise students to environmental concerns, workshop on waste management, celebration of world environment day, awareness



rallies, signature campaigns, testing water samples and food samples are regular features of the institute. Blood donation camps are organized at least twice annually to help the needy and sensitise the youth towards the service of humanity. Visits to special schools, old age homes, orphanages are organized to sensitise the students to the needs of less advantaged sections of the society.

The entire campus is declared plastic free and tobacco free. Campus water harvesting plant, the first of its type in any institute in the area, is shown to the students to make them aware of water pollution and depleting levels of water table. (Refer to Annexure-XI for details of Extension Activities).

2.2.5 How does the institution identify and respond to special educational / learning needs of advanced learners?

Two groups of high achievers and under achievers are identified on the basis of performance in house tests. The identified groups are then subjected to the enrichment programme/remedial programme of one week each.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

All the students are informed of lecture shortage, twice in a semester through college website, android app, and individual SMS to identify the students vulnerable to the risk of dropping out. Special efforts are made to counsel such students and given special chances by arranging compulsory library study hours, assignments and special MSTs to compensate their loss. The sportspersons who have to miss

their classes or house examinations while attending sports camps/events are allowed to appear in special MSTs. High performers in sports who are unable to appear in normally scheduled examinations are allowed to appear in specially scheduled University examinations with the permission of the University. Special study camps for such students are also organized to compensate their loss of study.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

The academic session begins with the admission process which as already stated is made public through advertisements in newspapers, local media and college website. All other activities for the entire academic session are pre-planned and academic and co-academic calendar is prepared by the Registrar's Office. This calendar is displayed in the campus, published in prospectus and uploaded on the website for the information of the students.

2.3.2 How does IQAC contribute to improve the teaching -learning process?

IQAC of the college prepares a perspective action plan on the basis of assessment of the performance in the previous session as well as the dicussions held in the academic council. IQAC assesses the action taken and outcome achieved at the end of the session also. These plans and actions taken are reported in the AQARs of the college.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

For improving the capability of the students to interact in the class,



advance information for the topic to be covered is provided. It enables the students to enrich the classroom discussions. Assignments are given to the students, seminars and workshops are arranged and IT supported lectures are given.

Smart class rooms equipped with interactive boards are available in the college. E-resources are provided through internet and INFLIBNET to the teachers for preparing class lectures. Science Fair, Technoquest, Exhibition by Department of Fashion Designing, Essay Writing Competitions are part of annual co-academic activities where students participate in large number and get an opportunity to interact with the students of other institutions.

Library of the college is very rich. It is updated regularly by purchasing new books for all subjects.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

To improve the scientific temper of the students and instill the sense of critical thinking and nurturing their creative instincts, TED Talks of some important persons are shown to the students, special educational visits are organized, hands on experience on the latest equipment in laboratories have been given, independent reading is promoted by organizing book exhibitions, by providing e-resources and interactions with renowned persons etc. are arranged. Probing questions are encouraged within the classrooms. Participation in different curricular activities like debate, declamation, quiz, paper reading, essay writing, story writing etc. is promoted. Four inter-faculty clubs Photography, Heritage, Eco and General Study Circle organize activities for nurturing and promoting creative talent. Apart from these clubs, different departmental societies organize activities for improving their expressive abilities on a regular basis usually on



Saturday. The wall magazine of each society acts as the reflective window of these activities. All such nurturing efforts are reflected through the winners of state and national level competitions.

Refer to *Annexure-XI, XII and XIII* for achievements in academic and co-academic activities.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg. Virtual laboratories, e-learning -resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

Computer based methodologies of teaching and learning are promoted in our college to make the whole process efficient, effective and lasting. Smart class room is added into the infrastructure. Website links for various topics covered in the curriculum are supplied to the students for additional useful information. Android based software is developed by our college teacher which enables the students to be familiar with college activities using their personal mobiles. A soft library comprising of approximately one thousand e-resources is operational.

NPTEL, NME-ICT links are provided on college website and course materials from subject experts are used by our faculty to enrich their knowledge.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

Extension lectures, seminars, and workshops are organized by all the faculties. Societies of different departments have maintained Wall Magazines which are the window to showcase their activities. The record of such activities is presented in the departmental reports.

Students are advised to refer journals and books for intensive and



extensive knowledge of the curriculum. Some regular features published in leading newspapers are discussed with the students e.g. "Know Your English" in The Hindu on every Tuesday, "Mind Your Language" in The Tribune on every Saturday and "ET in the Classroom" in The Economic Times. E-resources like TED Talks, Khan Academy etc. are provided to the students regularly.

Development of Finishing School Programme is another effort of the college which enables the outgoing students to improve their life skills and employability skills.

2.3.7 Detail (process and the number of students/benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling /mentoring / academic advise) provided to students?

Placement cell of the college plays an important role in making the students employable. Workshops on Resume Writing are organized for the students. Finishing School Programme is another step in this direction.

Teachers at their personal level provide both academic and psycho-social help to some students. Since these are very sensitive issues, teachers keep such information with them though they do share it with their seniors.

General Study Circle, Heritage Society, Eco Club and Photography Club provide a common platform for all the students of various faculties to participate in creative activities of their choice. Departmental societies/clubs are also functional at the departmental level for promoting the awareness of their respective subjects. Here students get an opportunity to interact with the teachers at individual level and teachers get a chance to understand them better.



2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The faculty in almost all the departments uses assignments, pre-discussions, brainstorming, open discussion along with the lecture method. The faculty has developed approximately 1000 e-resources in the form of e-books, e-data from Books and CDs, e-notes (PDF and PPT files) and motivational videos to provide extensional learning material to the students. Preparation of question banks in some subjects has also been started.

The FDPs are arranged for the faculty to equip them to reflect on the latest techniques of classroom transactions. Every faculty member has been assured of liberal and conducive environment along with possible support to practice and experiment with the innovative ideas.

2.3.9 How are library resources used to augment the teaching-learning process?

Fully computerized library equipped with 61,470 books, 74 journals and magazines and INFLIBNET facilities is enough to cater to the needs of the students. Every student is allowed to get 2 books issued at a time for 15 days. Teachers are allowed to borrow 12 books from the library. A separate reading room is also provided for the teachers. To acquaint the students to the library resources, teachers recommend books for general and extensional reading apart from their regular subject books during their lectures. Titles of new arrivals are displayed to motivate the students. E-resources of different subjects generated and compiled by the faculty are made accessible to the students through college intra-net. So, in a way e-resources and INFLIBNET made the virtual library available to the students.



2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

For last few years university is shifting to semester system in a phased manner. Every year for the courses which shift to semester system, college encounters with the challenge to get syllabus completed in time. College has started a practice of unit planning at the beginning of each session to cope with such challenges. The faculty members representing Board of Studies take special care to convince and help the University to provide syllabus in time.

Another challenge for odd semester is the availability of reduced number of working days due to festivals. To overcome this shortage of time, the college makes special arrangements to minimize the time required for holding MSTs.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

The quality of teaching learning is monitored by analyzing the results of MSTs and University examinations. They are compared with the University results and with the previous year's performance. This analysis is discussed in Departmental meetings and Academic Council and appropriate corrective decisions are taken for the next session. To evaluate the quality of teaching and learning, college has introduced the practice of receiving the feedback through the proforma filled up by the students and their parents.

This exercise of monitoring and evaluating the performance and incorporating the required changes, has improved the pass percentage of the students as compared to the university results. The number of merit positions of the college has also increased.

For details, refer Annexure-II and XII.



2.4 Teacher Quality

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.			04	01	03	02	10
M.Phil.			03	05	05	02	15
PG			01	-	05	02	08
Temporary teachers							
Ph.D.					05	06	11
M.Phil.					04	18	22
PG					05	34	40
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

Apart from the challenge of changing curriculum, another challenging area for the college is the imposition of ban on recruitment against approved posts. As a result of this state policy, college has been left with only 16 teachers working against 61 grant-in-aid posts. Even the number of 61 was assessed and fixed on the



basis of number of students in the year of 1981. The number of courses in the college has increased from 4 to 22 and the number of faculty members to 106. To meet these challenges, the college has its own policy of recruitment of teachers on permanent basis in some of the faculties wherever it is allowed. All other vacant posts and additional required posts are filled on contractual basis. However, for the retention of talented faculty annual increase is given apart from assuring minimum layoff period.

2.4.2 How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

Our college has started new courses in the field of bio-technology, bio-informatics, fashion designing and computer related courses. This development has necessitated the recruitment of faculty in both technical and non-technical areas. In order to induct best talent available, heads of departments in all the surrounding universities, where these courses are already run, are contacted to seek their guidance and help. Advertisements in newspapers are given and we are fortunate to attract suitable candidates from far and wide areas. Most of the teachers fulfill minimum academic qualifications as required by UGC/Punjabi University. Many of them hold the degree of M.Phil. and / or Ph.D.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

To improve the skill level of new teachers as well as for re-skilling the existing staff, college allows them to attend seminars, workshops,



refresher courses and other such programmes within the college as well as in other institutions. Following table is given to show the details of such staff development programmes.

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated	Last 4 years
Refresher courses	59	18
HRD programmes		
Orientation programmes	23	12
Staff training conducted by the university	82	30
Staff training conducted by other institutions (2 FDP by College)	Whole faculty	2
Summer / winter schools, workshops, etc.	21	20

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- Teaching learning methods/approaches

One day was scheduled for teaching learning methods/approaches during 15 Days Faculty Development Programme held at College from July 1-15 July, 2014.

- Handling new curriculum

One day was scheduled for handling new curriculum during 15 Days Faculty Development Programme held at College from July 1-15 July, 2014.

- Content/knowledge management

One day was scheduled for content/knowledge management during 15 Days Faculty Development Programme held at College from July 1-15 July, 2014.



- **Selection, development and use of enrichment materials**
One day was scheduled for selection, development and use of enrichment materials during 15 Days Faculty Development Programme held at College from July 1-15 July, 2014.
- **Assessment**
One day was scheduled for assessment during 15 Days Faculty Development Programme held at College from July 1-15 July, 2014.
- **Cross cutting issues**
- **Audio Visual Aids/multimedia**
One day was scheduled for Audio Visual Aids/multimedia during 15 Days Faculty Development Programme held at College from July 1-15 July, 2014.
- **OERs**
One Day Seminar on Use of E-resources on 30 August, 2014.
- **Teaching learning material development, selection and use**
One (UGC Sponsored Faculty Development Programme on 'Quality Research in Higher Education Institutions - Issues Calling Attention' on 28th April, 2014)

c) **Percentage of faculty**

- * **invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies**
9.43% (10/106)
- * **participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies**
89% (95/106)
- * **presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies**
48.11% (51/106)

2.4.4 **What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)**

Our college allows duty leave to attend seminars/workshops. Financial help is also extended for attending the seminars and publishing research work. Leave is also granted to teachers for carrying out activities supporting their research work.



2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance / achievement of the faculty.

Three members received awards:

- Mr. Sharwan Kumar has been conferred with the Award of Excellence in Teaching of Commerce and Management by Punjab Commerce and Management Association (PCMA) in 2014.
- Dr. Rajveev Sharma has been conferred with Best NSS Programme Officer thrice by Punjabi University, Patiala (2011, 2012 and 2013). He has also been conferred with Young Scientist Award at International Conference on Molecular Association held at Aligarh Muslim University, Aligarh.
- Dr. Sanjay Kumar has been awarded Raman Fellowship by UGC for carrying out post doctoral research project at Harvard University in 2014.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

The evaluation of teachers by students has been done in the feedback, open sessions with the Principal and titles/compliments to the teachers during the time of farewell parties. Some anonymous feedback of teachers is also received by the open suggestion box.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The scheme and schedule of evaluation is published in the form of annual academic calendar in the prospectus and uploaded on the



website for students and teaches. The Punjabi University website is linked with college website so that the students as well as teachers may get direct information of any changes in the curriculum as well as evaluation schedule. Apart from it, the teachers are made aware to such changes through the meetings of Academic Council.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

In the recent past, Punjabi University, Patiala has taken two initiatives with the purpose of making the evaluation more exacting and objective.

- a) The University has introduced semester system of examination instead of annual system of examination.
- b) It has also introduced the concept of internal assessment.

These two changes are adopted by the college as such even for house exams.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

Our college conducts two House Examinations in every semester. This means four house exams are conducted in each session. Evaluated answer books of the students are shown to them and they are allowed to take them home. This makes the evaluation process very transparent. The teachers are persuaded to write comments on the way student has attempted the questions and the improvements which are possible in their attempt.

When evaluated answer books are distributed to the students in the class, they are encouraged to share their doubts in the class.

Re-tests are also organized for those students which are unable to



fulfill the conditions of minimum marks in the house exam laid down by the University. The students who miss their chance to appear in MSTs due to their participation in Sports, Cultural, NCC, NSS activities have been allowed to appear in special house exams.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

The Registrar's Office is responsible for conducting the House examination and complete record is maintained by this Office. The overall performance of the students is discussed by the Registrar with the Principal and Deans of all faculties. The MSTs are usually treated as formative assessment. The individual feedback is given at the time of distributing evaluated answer books as mentioned previously serves the formative purpose. The university semester examination is the summative assessment. The results of the summative assessment are analysed classwise and compared with the university results as well as the previous year results. As a result of this policy the college is showing close to 100% pass percentage in most of the courses. Large number of our students are placed in university merit list in different courses. (Refer Annexure – II and XII)

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

To make the process of awarding internal assessment objective and transparent, teachers use the following bases:

- a) Performance of the student in the house examinations.
- b) Percentage of class attendance.



- c) Participation in class discussion, assignments/projects and overall behavior of the students with their peer group.
- d) Participation in co-curricular activities.

The entire process is explained to the students by their respective teachers in the class. The students are also acquainted with internal assessment criteria during their orientation programme in the beginning of the session.

2.5.6 What are the graduate attributes specified by the college / affiliating university? How does the college ensure the attainment of these by the students?

The affiliating university has not specified graduate attributes, however, the requirement of minimum 75% lecture attendance and securing 25% marks in MSTs has been fixed as a condition to appear for final examinations. But the college has specified some supplemental graduate attributes in the form of life skills, which are offered in the finishing school programme.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

The college has set up a permanent mechanism for redressal of grievances related to evaluation of final University examinations.

1. The University has provided the facility of re-evaluation. For this purpose, student has to fill up a specific form which is duly authorized by the College and sent to the University.
2. In case of any discrepancy in the detailed marks card regarding the name or any other information provided there, the application of the student is duly forwarded by the College to the University.
3. Any doubt/grievance in the evaluation of MSTs is redressed at the time of showing evaluated answer sheets to the students. Grievances



regarding inability to appear in MST are addressed by providing a special chance to the students.

2.6. Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

National educational policies are framed by University Grants Commission in consultation with the Ministry of Human Resources Development and are implemented by the state universities. Our college is affiliated to the Punjabi University, Patiala and all the curriculum is framed by the university keeping in view the learning goals of the nation as a whole.

Each course has its own area of learning and this objective is always in focus while syllabus is designed. Our college teachers participate in this exercise by attending the meeting of boards of studies where syllabus is finalized for various undergraduate and Postgraduate programmes.

Students can access college site to read the syllabus for their respective course. Teachers provide the schedule where entire scheme to cover the course work is detailed.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme /course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The record of students scores in house tests/ MSTs is maintained and used to identify the under as well as high achievers. The identified students are subjected to the remedial classes accordingly. Record of the university examinations is also maintained course wise. Course wise results of the college are compared with the university results



and previous year's results as well. The analysis shows that college has higher results than the university results in almost all the courses during last four years. The upward rising trend is witnessed in the graphs showing comparison with previous years and the performance of students while progressing to the next levels. Details of the results and their graphical representation are given in Annexure II.

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Keeping in tune with the national goals of higher education, this college puts in special emphasis on arranging programmes for making our students more employable. Finishing school programme is an initiative in this direction. Our aim is to see the holistic development of the students so that they are committed to certain values which add to the happiness index of the society as a whole.

College holds special examinations for those who could not sit earlier due to unavoidable reasons or for those students who were earlier attending Sports/NCC/NSS camps. It teaches them to be considerate to the genuine problems others face and the sense of compassion we must have for others.

The outcome of efforts of the college for improving the academic performance of the student is reflected through the increase in pass percentage over the last 4 years as well as the increase in the number of merit positions in the University examinations our students hold.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

As already stated, our college has started finishing school programme to teach soft skills so that students can face interviews in a more



confident manner. Some of the faculties have also started certain programmes for improving entrepreneurial skills of their students, for example commerce faculty arranges classes for Postgraduate students to show them various documents related to companies to make the students familiar with various legal provisions and faculty of Science gives hands on experience on sophisticated laboratory equipment to its Postgraduate students.

Seminars and workshops are organized where eminent speakers from different walks of life share their thoughts with the students. These workshops widen their horizons and make them knowledgeable. Placement cell of the college remains in constant touch with the hiring and recruitment department of various companies and works tirelessly to provide meaningful opportunities to the young graduates.

Refer Annexure-III for placements made during last 4 years.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Registrar's office holds examinations on regular basis as required by the university and keeps record of the score of each and every student. Record of the university examinations is also kept in the office. This data is analysed to find out the pass percentage of the students and also to compare the results with the university pass percentage.

These outcomes are always discussed in the Academic Council meetings. The Council also discusses the degree to which learning outcomes have been achieved in the college. All policies and strategies are framed in these meetings to encourage better performance in future.



2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

Placement offers which our students get every year is the immediate outcome of our efforts and though our students are doing well here, we are always concerned to improve it. The achievements of the students can be easily known from the number of prizes they get at the time of annual prize distribution function. Every year students get roll of honour, college colours and other prizes for their excellent performance in academic, sports and co-curricular activities.

Refer to Annexure-XI, XII, and XIII for achievements of the students.

2.6.7 Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

Student performance has always remained a source of satisfaction for our teachers and probably this is one reason of the successful completion of 47 years of our mission to provide quality education at affordable price. Teachers use the performance of the students in the examinations and class room as a basis for awarding internal assessments. This type of continuous monitoring and real time feedback is also helpful in devising teaching methodology and spotting bright students who can be mentored to perform better.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

Though the college teachers as well as students are actively engaged in pursuing research as well as supervising the research students, Punjabi University has no policy of recognizing the affiliated colleges as research centers.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

The College Research Committee comprises of:

1. **Principal** : Dr. Khushvinder Kumar
2. **Dean research** : Dr. Rajeev Sharma
3. **Members:**

Dr. Gurdeep Singh, Department of Punjabi

Dr. Sanjay Kumar, Department of Chemistry

Dr. Meenu, Department of Chemistry

Dr. Kuldeep Kumar, Department of Bio-technology

Dr. Deepika Jindal, Department of Commerce

Some of the recommendations made by this committee are:

1. To scrutinize and recommend research proposals
2. To setup central instrumentation laboratory
3. To create and augment research facilities
4. To motivate the teachers for submitting minor and major research projects for funding from various agencies.
5. To motivate teachers to write and publish research papers.



6. To motivate the teachers to take part in conferences, seminars, symposia, faculty development programmes and workshops.

As an impact of the efforts taken by the research committee:

- Many teachers have registered themselves to pursue research work for Ph.D.
- The teachers have started taking up research supervision work.
- Teachers feel highly motivated for taking up the research projects and publishing the research articles / papers. As a result a large number of research papers/articles have been published in last 5 years (Refer Annexure-I for details).
- Participation of teachers in conferences, symposia and seminars has increased (Refer Annexure-I for details).
- Number of publication per year per person has also increased. (Refer Annexure-I for details).
- Minor Research Projects grants received by three teachers (Refer 3.2.7)

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

§ autonomy to the principal investigator

The institution provides full autonomy to the principal investigator for selecting and carrying out research projects. The Research committee always makes suggestions with positive attitude.

§ timely availability or release of resources

The resources are released timely and provided on demand with no delay in the concerned laboratories and library rather the college ensures the speedy processing of projects to be submitted to the concerned funding agency.

§ adequate infrastructure and human resources

Adequate infrastructure is available in central instrumentation laboratory, research laboratory, chemistry laboratories, bio-tech



laboratories and computer laboratories. Research journals, INFLIBNET connection and internet facilities are available for the research work. These laboratories and other research facilities are well maintained by competent staff of the college to facilitate the research work of both teachers and students (Refer Annexure-VIII for details).

§ time-off, reduced teaching load, special leave etc. to teachers

1. Special leaves are sanctioned to attend course work, annual seminars and progress meetings.
2. Duty leaves are allowed to present research papers at seminars, symposia and conferences.
3. Work load of teachers pursuing research work is adjusted accordingly so that teaching and research go smoothly without affecting each other.

§ support in terms of technology and information needs

Adequate number of research journals, e-journals, books, chemicals and basic infrastructure required for research are made available in time (Refer Annexure-VIII for details).

§ facilitate timely auditing and submission of utilization certificate to the funding authorities

Research cell in coordination with UGC cell encourages teachers to take up sponsored research projects and takes special efforts to facilitate the submission of utilization certificates to the funding agencies. As a result no utilization certificate is pending with the investigator/institute.

§ any other



3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

1. Eminent personalities and experts are invited for Extension Lectures regularly (Refer to Annexure-V for details).
2. Short Term Training Programmes/Workshops are organized in the campus.
 - a. Hands on training to the PG Students of Chemistry and Biotechnology Department on instrumental methods of analysis.
 - b. Workshop on Arts and Craft for the students of Department of Fashion Design and Technology, annually from 2010.
 - c. Summer course in Computer Fundamentals, Mathematics and Computerized Accounting (upto 2011-12).
3. Classroom seminars for students are held throughout the session.
4. Students are encouraged to attend seminars, symposia and conferences within and outside the college.
5. Conferences are being organized in campus itself to inculcate the research temperament among faculty & students. (Refer 3.1.6)
6. Students of PG classes have taken research projects. For details, refer to Annnexusure-XV.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual / collaborative research activity, etc.

The detail of research scholars enrolled under the faculty is given below:

Teachers	No. of research students registered	Faculty
Dr. Khushvinder Kumar	6	Education
Dr. Vinay Jain	2	Chemistry
Dr. Rajeev Sharma	6	Chemistry
Dr. Sanjay Kumar	1	Chemistry
Dr. Kuldeep Kumar	3	Biotechnology
Dr. Deepika Jindal	5	Commerce



3.1.6 Give details of workshops/training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

Our college promotes quality research by providing platform for presenting/publishing the research work. Some of the important events organized by the college for this purpose are enlisted below:

1. 1st National conference on Recent Advances in Chemical And Environmental Sciences, 16-17 January, 2009
2. 2nd National conference on Recent Advances in Chemical And Environmental Sciences, 22-23 January, 2010
3. 3rd National conference on 'Recent Advances in Chemical And Environmental Sciences', 28 February-01 March, 2011
4. National symposium on 'Emerging Trends in Biotechnology' held on 24th February, 2012
5. 4th National conference on Recent Advances in Chemical And Environmental Sciences, March 2012
6. 5th National conference on Recent Advances in Chemical And Environmental Sciences, March 2013
7. National conference on 'Contemporary Socio-Economic Dimensions in Growth of Business', 06 April 2013.
8. 6th National conference on Recent Advances in Chemical And Environmental Sciences, 13-14 November, 2013
9. Seminar on 'Internal Quality Assurance', 29 November, 2013
10. UGC sponsored Faculty Development Programme through one day Seminar on Quality Research in Higher Education Institutes – Challenges and Opportunities, 28 April, 2014



11. Android Application Development Workshop in collaboration with IIT Roorkee (28 Feb. – 1 March, 2014)
12. UGC sponsored Faculty Development Programme through Fifteen day Workshop (01 July – 15 July, 2014)

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

Our teachers have earmarked specialised areas for their research work and they are continuously promoting those areas in which they can excel. Here, we provide some of the areas of expertise of our teachers.

AREA OF EXPERTISE	Name of Teacher
• Educational Pedagogy	Dr. Khusvinder Kumar
• Organic Synthesis	Dr. Vinay Jain Dr. Rajeev Sharma Dr. Sanjay Kumar Dr. Anupama Parmar
• Co-ordination Chemistry	Dr. Rajeev Sharma Dr. Meenu
• Environmental Sciences	Dr. Rajeev Sharma, Dr. Sanjay Kumar, Dr. Kuldeep Kumar
• Analytical Chemistry	Dr. Rajeev Sharma Mr. Inderpreet Singh Grover
• Biosensors	Dr. Kuldeep Kumar Dr. Mandeep Kataria
• Plant Tissue Culture	Dr. Kuldeep Kumar Dr. Diwakar Aggarwal
• HR Management	Dr. Deepika Jindal



- | | |
|-------------------------------|-----------------------------|
| • Digital Image Processing | Prof. Sukhdev Singh |
| • Natural Language Processing | Prof. Ajit Kumar |
| • Nano Technology | Dr. Kavita |
| • Nano Materials | Mr. Inderpreet Singh Grover |

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

Researchers of eminence from reputed institutes visited the college during conferences, seminars, symposia, workshops and invited lectures (Refer to Annexure-V for details).

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

UGC has specified sabbatical leave for teachers appointed under grant-in-aid scheme only. However, no provision is there by UGC or Government to sanction sabbatical leave for the faculty appointed against unaided posts. But the college has its own policy to sanction a limited period leave for attending pre Ph.D. course, presenting progress reports, attending seminars / workshops for the teachers appointed against unaided posts. In extra ordinary cases, the special leave may also be granted.

19 teachers (11 contractual + 8 permanent) have availed special leaves for pursuing their research activities.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

1. Students are encouraged and are actively involved in spreading awareness to the community regarding social issues like save water, health issues, save electricity, Save energy, vermicomposting, environmental issues, etc.



2. Students are involved in studying physico-chemical analysis of water samples of Patiala district. (2010)
3. A research project to explore the use of agricultural and bio-waste for the removal of dyes and metals from waste water is being carried out.
4. Students of B.Sc. III and M.Sc. are given Hands-on training on sophisticated instruments in Central Instrumentation Laboratory.
5. M.Com./B.Com. III students are involved in Tax assessment for public.
6. Geography students are involved in geographical surveys.
7. Health Checkup Survey “Committ to be Fit – The Greatest Wealth is Health” conducted on the College students and faculty by Department of Biological Sciences in collaboaration with Red Cross Society on April 9, 2014.
8. Microbial and Physico-chemical analysis of food items (2010-2014).

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research?

Give details of major heads of expenditure, financial allocation and actual utilization.

The College being under grant-in-aid scheme has no provision of separate allocation of funds for research. However, some UGC grants have been received for the purpose of research. In last four years, college received grant of:

- Rs. 49 lakh for research work under College with Potential for Excellence (CPE scheme).
- Rs. 4.20 lakh for Minor Projects.



3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

Yes, students of Pharmaceutical chemistry and Biotechnology are provided some financial help to carry out their research projects as a part of their curriculum requirement.

3.2.3 What are the financial provisions made available to support student research projects by students?

Though our college doesn't provide help in monetary terms to research students, we are quite liberal in extending help to such students by providing chemicals and other inputs necessary to carry out research work.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Interdisciplinary research is carried out in

Chemistry and Biotechnology

- (Synthesis, Characterisation and Evaluation of Antibacterial Activity of 3-Nitro-1,5-diarylformazans and their Decolorization using *Coriolus versicolor* (MTCC-138))
- Synthesis, Characterisation and Evaluation of Antibacterial Activity of 3-Cyano-1,5-diarylformazans and their Decolorization using *Coriolus versicolor* (MTCC-138)
- Synthesis, Characterisation and Evaluation of Antibacterial Activity of different compounds.



Pharmaceutical Sciences and Biotechnology

- Study of Antibacterial and Antioxidant Properties of Root, Leaf or Fruits of Different Plant Species.

Chemistry and Geography

- A Study of Ground Water Quality of Patiala District.

The challenges for interdisciplinary research start emerging right from the point of working out commonalities between two disciplines. Once it is established the problem faced by the researcher includes difficulty in fixing the schedule, collection of data, analysis and interpretation etc.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The hands on training to students on the research laboratory equipments, finishing schools programmes (language laboratory) and conducting surveys and sample testing, and the use of research labs by researchers of other universities are the activities to ensure optimal use of laboratories apart from regular practicals.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

1. Grants amounting to Rs. 28 lakh from UGC have been received for setting central instrumentation laboratory, purchase of equipments for research laboratory.
2. Grants received from Department of Science and Technology (DST) through Punjab State Council for Science and Technology, Chandigarh.
 - Grant of Rs. 15,000/- for District Children Science Congress (2011)
 - Grant of Rs. 52,000/- for workshop on Astronomy & Astrophysics (2011)
 - Grant of Rs. 15,000/- for workshop on Biomedical waste management (2012)



3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sanctioned	Received	
Minor projects Dr. Sanjay Kumar	1.5 years (2011 - 2013)	Synthesis, Characterisation and antimicrobial activities of pyrimidine derivatives	UGC	1,68,000/-	1,13,000/-	1,13,000/-
Mr. Sukhdev Singh	15 Jan, 2012 – 30 June, 2013	Comparative analysis of Binarization Techniques of Natural Seen Images	UGC	1,50,000/-	1,42,500/-	1,42,500/-
Dr. Kuldeep Kumar	2.1.11 to till date	Development of Bio-sensors for monitoring L-Asparagine in Clinical and Food Samples	UGC	1,10,000/-	60,000/-	60,000/-
Major projects						
Interdisciplinary projects						
Industry sponsored						
Students' research projects						
Any other (specify)						



3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

Books and Journals

- Research Journals available 74 (65 Journals + 9 Magazines)
- e-journals available 6000+ and 90,000+ e-books through N-LIST (INFLIBNET)
- Internet facility and partial wi-fi campus

Lab Facilities

Various laboratories are equipped for research as mentioned below:

Central Instrumentation Lab: Central Instrumentation Lab equipped with Infra-Red Spectrophotometer, UV-Visible spectrophotometer, Atomic Absorption spectrometer, High pressure Liquid Chromatograph, Gas Chromatograph, Fluorescence Spectrophotometer, Gaussian Software and Microwave.

Research Laboratories Chemistry: Vacuum Rotatory Evaporator, Hot Air Oven, Electronic balance, Sonicator, Vacuum Pumps, Computer Printer, Microwave, Oven and Refrigerator.

Pharmaceutical Lab: Laminar Air Flow, UV-Visible Spectrophotometer, Karl Fisher Apparatus, Friability Apparatus Disintegrator, Dissolution Apparatus, Autoclave Punching Machine, Water baths.

Bio-Technology Lab: UV-Visible Spectrophotometer, Refrigerator centrifuge, Thermal Cycler (PCR) Polymerase chain Reaction Machine, Plant Tissue Culture Facility, Weighing balance Auto pipettes, Centrifuge, pH, Deep Freezer, Refrigerator, Incubation Shakers, Water bath, BOD incubator, Transluminator, Ultrasonicator, Laminar Air Flow, Microtome, Tissue culture lab.



IT Laboratories: Six Computer laboratories equipped with ICT facilities.

Geography Lab: Equipped with field survey equipments.

Psychology Lab: The laboratory has 18 tests and 11 apparatuses.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

Our college has been expanding research facilities since its inception. IQAC of the college plans the infrastructure to be added every year in advance which is approved through academic council. As a result of this continuous endeavor to generate state-of-the-art research structure, we have 7 laboratories devoted primarily for research work.

Central Instrumentation Lab set up with UGC funds and is equipped with Infra-Red Spectrophotometer, Atomic Absorption Spectrophotometer, UV-visible Spectrophotometer, Fluorescence spectrometer, Gaussian software, HPLC, GC, PCR, Ultrasonicator, Shakers, Centrifuge etc. Procured with financial assistance from UGC.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments / facilities created during the last four years.

The college is in the process of developing linkage with industrial chain of beneficiaries. However, the infrastructure grants from UGC have been procured (Refer to 3.2.6 for details of amount of grants and instruments purchased).



3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

We issue letter of recommendation which enables the students and research scholars to avail research facilities in other Universities and Institutes. Our research students visit the following institutes to utilize the research facilities available:

- Panjab University, Chandigarh (for IR, PMR, TGA, XRD etc.)
- Thapar University Patiala (for NMR, Cyclicvoltametrty etc.)
- NIPER Mohali (Mass Spectra)
- Punjabi University, Patiala (for Antimicrobial Studies)

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

Books and Journals

- Research Journals available: 74
- e-journals available 6000+ and 90,000+ e-books through N-LIST (INFLIBNET)
- Internet facility and partial wi-fi campus

3.3.6 What are the collaborative research facilities developed/created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

- Central Instrumentation Laboratory (01)
- Chemistry Research Laboratories (02)
- Biotechnology - Tissue Culture Laboratory (01)
- Multimedia Laboratory (01)
- Psychology Laboratory (01)
- Geography Laboratory (01)

Refer to Annexure-VIII for detail of equipment in laboratories.



3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

* Patents obtained and filed (process and product)

NIL

* Original research contributing to product improvement

NIL

* Research studies or surveys benefiting the community or improving the services

- Statistical Machine Translation Software from Hindi to Punjabi.
- Health Checkup Survey “Committed to be Fit – The Greatest Wealth is Health” conducted on the College students and faculty by Department of Biological Sciences in collaboration with Red Cross Society on April 9, 2014.
- Microbial and Physico-chemical analysis of food items.
- Microbial analysis of electronic instruments like ATM, Computer Keyboard etc.
- Study of physio-chemical investigation of water samples of Patiala.
- A research project to explore the use of agricultural and bio-waste for the removal of dyes and metals from waste water is being carried out.

* Research inputs contributing to new initiatives and social development

Over the years our research scholars have gained an insight into the various processes involved in the events happening around us. This understanding has led them to work in the field of vermi composting and helped them in setting up vermicomposting units at following locations.

- Basant Ritu Club (2010)
- In-service Teacher Training Centre, Patiala (2008)
- Multani Mal Modi College Patiala (2004, reconstructed in 2014)



3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Some of our faculty members are associated with the publication of research journals and are working in different capacities such as chief editor, member editorial board, reviewer etc. as shown below:

Dr. Khushvinder Kumar

- Chief Editor, BCM Research Colloquium, ISSN 2320-9321
- Member Editorial Board, Issues and Ideas in Education, ISSN 2320-1655 (Print), 2320-8805 (Online).

Dr. Sanjay Kumar

Reviewer of international research journals:

- Journal of Heterocyclic Chemistry
- Journal of Saudi Chemical Society
- Arabian Journal of Chemistry
- Journal of Medicinal Plants Research
- Indian Journal of Chemical Technology
- International Journal of Plant Physiology and Biochemistry

Dr. Deepika Singla Jindal

- Member of the editorial board of the PCMA – Journal of Business (A Bi-annual Refereed Journal of Commerce and Management) w.e.f January, 2013.

Faculty of Science is exploring the possibility of starting the publication of research journal.

3.4.3 Give details of publications by the faculty and students:

* Publication per faculty

(125/106) = 1.18

* Number of papers published by faculty and students in peer reviewed journals (national / international)

125 (Refer Annexure-I for details)

* Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

125

* Monographs

* Chapter in Books

* Books Edited

03

* Books with ISBN/ISSN numbers with details of publishers

56

* Citation Index

No. of citations

Dr. Rajeev Sharma	-	09
Dr. Sanjay Kumar	-	259
Dr. Kuldeep Kumar	-	134

SNIP

* SJR

* Impact factor - 0 - 2.5

* h-index

Dr. Rajeev Sharma	-	02 (i-10 index -)
Dr. Sanjay Kumar	-	10 (i-10 index - 11)
Dr. Kuldeep Kumar	-	02 (i-10 index - 02)



3.4.4 Provide details (if any) of

* Research awards received by the faculty

- Young Scientist award conferred to Dr. Rajeev Sharma at an International Conference held at Aligarh Muslim University, Aligarh)
- Best Paper presentation Award to Dr. Rajeev Sharma at National Conference at Bhopal

* recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

- Sh. Nirmal Singh chaired technical session at International Business Conference at Shri Guru Granth Sahib World University, Fatehgarh Sahib on Dec. 21-22, 2012.
- Dr. Rajeev Sharma delivered valedictory address at UGC sponsored National Seminar on Toxic Trails of Punjab held at AS College Khanna on 1-2 March, 2012.
- Dr. Sanjay chaired a technical session in a National Conference held at NIT, Jalandhar in September, 2011.
- Dr. Rajeev Sharma chaired a technical session in a National Conference held at Mata Gujri College, Fatehgarh Sahib in March, 2014.
- Dr. Rajeev Sharma delivered keynote address at National Conference on IT Tools and Techniques in Research held at D.A.V. College, Hoshiarpur (29 June, 2014)

* incentives given to faculty for receiving state, national and international recognitions for research contributions.

Citations/appreciation certificates are awarded to the faculty on:

- Award of Ph.D. Degree
- Recognition of awards by external agencies
- For teachers whose students submit their Ph.D.



3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

Our faculty is playing an important role in the development of education and society through his contribution by being the member of various NGOs, Board of studies, advisory bodies as mentioned below:

Memberships (professional bodies/ university bodies/ NGOs/ editorial boards of journals/ advisory board):

1. Dr. Khushvinder Kumar, Principal

- Assessor member NAAC, Bangalore
- Peer Team member, National Council for Teacher Education (NCTE), Jaipur
- Member Board of studies in Education (Panjab University, Chandigarh) (2002-2014)
- Member Board of studies (School of Education, Chitkara University)
- Member Board of studies (School of Education, APJ Stya University)
- Vice President, Council for Teacher Education, (Punjab & Chandigarh)
- Chief Editor, BCM Research Colloquium, ISSN 2320-9321
- Member Editorial Board, Issues and Ideas in Education, ISSN 2320-1655 (Print), 2320-8805 (Online).

Faculty of Arts:

2. Name: Prof. Balvir Singh

- Member of Advisory committee of Public Girls Senior Secondary School (Trust), Patran.
- Executive Member of NGO - "DASTAK"



3. Name: Dr. Harcharan Singh

- Member of Advisory committee of Public Girls Senior Secondary School (Trust), Patran.
- Has been General Secretary of Dr. Ravi Memorial Trust, a literary organization.
- Life Member , Punjabi Sahit Academy Ludhiana (Punjab)
- Life Member, Kendri Punjabi Lekhak Sabha(Regd.)
- Member, UG Board of Studies in Sanskrit, Punjabi University, Patiala.
- Has been one of the penalists of Haryana Punjabi Sahitya Academy (Govt. of Haryana), Panchkula (2004) for the evaluation of Punjabi Books.

4. Name: Prof. Ved Parkash Sharma

- Member of Board of Study (Political Science) of Punjabi University, Patiala
- Member of Board of Study of UG Courses of Political Science, Mata Gujri College, Fatehgarh Sahib(Autonomous)

5. Name: Prof. Jasbir Kaur

- Member Board of UG Studies (Gegoraphy), Punjabi University, Patiala
- Member Board of Studies (Social Sciences), Punjabi University, Patiala
- Life Member of GAIA, Panjab University, Chandigarh.

6. Name: Jagdeep Kaur

- Member of the Board of Studies (Geography) , Punjabi University, Patiala – 2012 to 2014
- Member of Board of Studies (Social Sciences) , Punjabi University, Patiala – 2012 to 2014
- Member of Association of Punjab Geographers (A.P.G.)

7. Name: Dr. Manjit Kaur

- Member of Sahit Academy Ludhiana.
- Member of Sahit Academy Delhi.



8. Name: Veenu Jain

- Member, Board of Studies (Fashion Designing) Punjabi University, Patiala
- Member, Board of Studies (Fashion Designing) Desh Bhagat University, Amloh, Mandi Gobindgarh

9. Name: Ms. Priyanka Malhotra

1. Member of Indian Institute of Public Administration (IIPA)
2. Member of Rotary Club Patiala Greater
3. Member of Frankfinn Institute of Airhostess Training

10. Name: Mr. Gurpreet Singh

1. Life Member, Punjabi Sahit Academy Ludhiana.
2. Life Member Kendri Punjabi Lekhak Sabha Jalandhar

FACULTY OF MANAGEMENT**11. Name: Mr. Neeraj Goyal**

- Member Board of UG Studies Business Management, Punjabi University, Patiala from 4 Jan 2010 to 15 Nov. 2011.
- Member Faculty of Business Studies, Punjabi University, Patiala from 30 March 2011 to 26 Oct 2012.

12. Name: Dr. Pawan Kumar

- Member of Board of Directors in PCMA as Secretary (Publications)

FACULTY OF COMMERCE:**13. Name: Mr. Nirmal Singh**

- Member, Advisory Board, Public Girls Senior Secondary School/College Trust, Patran.

14. Name: Mr. Sharwan Kumar

- Member of Board of UG Studies in Business Management of Punjabi University.



- Member of Board of Management of S.D. Senior Secondary School, Patiala.

15. Name: Dr. Deepika Jindal Singla

- Executive Member of Punjab Commerce and Management Association (Regd.) i.e PCMA w.e.f. January, 2013.
- Member of Faculty of Business Studies, Punjabi University, Patiala from October, 2012 to October, 2014.
- Member of the Departmental Research Board of School of Management Studies, Punjabi University, Patiala w.e.f. November, 2010.

16. Name: Parminder Kaur

- Life Member of Punjab Commerce and Management Association (Regd.)
- Member Faculty of Business Studies, Punjabi University, Patiala from October, 2012 to October, 2014.

FACULTY OF SCIENCE:

17. Name: Dr. Vinay Jain

- Member Board of UG Studies in Chemistry from 9-4-2011 to 31-12-2012
- Member of faculty of physical sciences from 11-4-2011 to 11-01-2013.
- Life Member of Indian society of Analytical Sciences
- Life Member of Panjab Academy of Sciences
- Life Member of Cultural Scientific Research, Bangalore.
- Member of American Chemical Society Washington D.C, USA

18. Name: Dr.Ashwani Kumar Sharma

- Member of board of UG Studies in Botany/Life Sciences, Punjabi University, Patiala.
- Senator, Punjabi Univeristy, Patiala
- Life Member Indian Association of Biology Teachers (Colleges)



19. Name: Dr. Rajeev Sharma

- Life Member, Indian Science Congress Association, Kolkata
- Life Member, Punjab Science Congress (Patiala)
- Life Member, Chemical Research Society of India (Bangalore)
- Life Member, Indian Council of Chemists (Agra)
- Life Member, Indian Association for Crystal Growth (Chennai)
- Life Member, Indian Science Congress Association (Haridwar Chapter)
- Life Member, Indian Society of Blood Transfusion of Immunohaematology (Punchkula).
- Member Board of Studies Punjabi University, Patiala.
- Member, Advisory Committee NSS Punjabi University, Patiala.
- Member, College Development council Punjabi University, Patiala.

20. Name: Dr. Sanjay Kumar

- Advisory Member, Chemical Science Transactions
- Life Member, Indian Science Congress Association, Kolkata
- Life Member, Indian Science Congress Association, Haridwar Chapter
- Life member, Indian Society of Analytical Scientists, Delhi Chapter
- Member, Indian Council of Chemists, Agra

21. Name: Dr. Meenu

- Member Indian Society of Analytical Scientists - Delhi Chapter LM-19/2013

22. Name: Mr. Varun Jain

- Life member of Indian Society of Technical Education (ISTE).
- Life member of International Association of Engineers.



23. Name: Dr. Anupama Parmar

- Life Member Punjab Academy of Sciences.

24. Name: Amit Sareen

- Life Member, Indian Association of Biology Teachers (Colleges).

25. Name: Dr. Sonika Kapoor

- Life Member, Indian Science Congress Association

26. Name: Dr. Mandeep Kataria

- Life Member, The Biotech Research Society of India (BRSI)

Faculty members are also executive members and on the advisory board of various NGOs like Dedicated Brothers Group, Basant Ritu Club, Mission Laly and Hariyali, etc.

**3.5.2 What is the stated policy of the institution to promote consultancy?
How is the available expertise advocated and publicized?**

Liberal support to the teachers competent for consultancy is provided by facilitating the college time table and granting the special leaves.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

College motivates the faculty for consultancy services by allowing them duty leave and recognizing their services. Faculty members are given complete freedom to utilize the existing facilities to provide consultancy services.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Much of the consultancy is of non-monetary nature. However, some of the faculty members receive honorarium/T.A., D.A. for providing consultancy services.



3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

Since most of the consultancy work is of non monetary nature, the issue of sharing doesn't arise. However, teachers do get permission for providing consultancy to outsiders. Once our research laboratories are recognized, the formula for sharing remuneration will be devised.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

Students are involved in institution – neighborhood through extension lectures and participation in Inter-College Competitions. For holistic development of students various clubs and departmental societies work through the session. This includes general study circles, photography club, eco club and heritage society, and departmental societies.

List of various activities undertaken for this purpose during the previous 4 years is given below:

Extension Lectures:

1. Molecular Modeling and Drug Designing on November 2nd, 2008 by Mr. Mahesh Chandra Patra, Scientist, Institute of Economics and Integrative Biology, New Delhi.
2. Non-Verbal communication, August 28, 2008, Prof. Tejinder Kaur, Department of Correspondence Course, Punjabi University, Patiala.
3. Language, Culture and Computer August 20, 2009, Dr. Surinder Dhanyal, Associate Prof. Thompson Rivers University, Canada.



4. Internet and its challenges, August 05, 2009, Mr. Ankit Fadia, Cyber Security Expert, Mumbai.
5. Threat of Swine Flu and how to face it? August 21, 2009, Dr. S.P. Singh, MO, RGNUL, Patiala.
6. Employment Opportunities and Personality Development through NCC September 1, 2009, Lt. Col. V.K. Tomar, CO, Punjab-4BN, Patiala.
7. Job Opportunities in Networking and System Administration, September 17, 2009, Mr. Jaideep Dhawan, Hugher Communications India Ltd.
8. How to prepare for Interview? October 8, 2009 Mr. Bharat Jain, Career Launcher Patiala.
9. The Art of Elocution, October 19, 2009, Prof. S.C. Sharma, Former Head, Department of English, Govt. Mohindra College, Patiala.
10. Employment Opportunities in IT Sector, March 01, 2010, Ms. Aparna Grover, Infomaths, Chandigarh.
11. HIV/ AIDS: Causes and Prevention on, September 16, 2010, Dr. Jagbir Singh (Surgeon and Eminent Philanthropist).
12. Ideology of Shaheed Bhagat Singh, October 19, 2010, Prof. Rajinder Pal Singh Brar, Head, Department of Punjabi, Punjabi University, Patiala.
13. Global Competitiveness, November 13, 2010, Prof. S.C. Vaidya, UBS, Punjab University, Chandigarh.
14. Personality Development, December 19, 2010, Dr. S.M. Kant, Director, Youth Welfare, Punjabi University, Chandigarh.
15. Free Legal AID Awareness, November 22, 2011, Sh. Manjit Singh Bal, Assistant District Attorney, Patiala.
16. Save the Girl Child, August 07, 2012, Prof. Usha Navyyar Charperu , Third World Centre for competitive studies New Delhi.
17. Intellectual Property Rights September 10, 2012, Dr. Amit Adlakha ICFAI University, Dehradun.
18. Seminar on Traffic Rules, 21 Aug. 2013.



19. Rally on Save the Girl Child on 22 March, 2013 and 10 March, 2014.
20. Signature Campaign on Save Water on 22, March, 2014.
21. Seminar on Traffic Rules, 26 July, 2014.
22. Lecture on Save the Girl Child by Dr. Harshinder Kaur, Pediatrician, Govt. Rajindra College and Hospital, Patiala, Feb. 3, 2014.
23. Talk on Thalassemia Awareness by Ms. Sukh Brar, Social Worker, Feb. 3, 2014.
24. National Youth Day address by Sh. C. S. Talwar, IAS, Chairman Red Cross Society, Punjab, Jan. 11, 2014.
25. Lecture on Nano Chemistry by Dr. Bonamali Pal, Thapar University, Patiala, Jan. 31, 2014.
26. Lecture on "Education, International Exchange and Language: Present Context" by Prof. Joga Singh, Punjabi University, Patiala, Feb. 13, 2014.

Science Fairs organized:

Annual Inter-institutional Science Fair is organized, in which about 40 institutes participate:

1. Science in the Service of Mankind, October 16, 2008.
2. Save the Planet Earth October 14, 2009.
3. Science Environment and Society, October 20, 2010.
4. Science, Society and Globalization, October 20, 2011.
5. Science for shaping the future of India, October 19-20, 2012.
6. Science for shaping the future of India, October 2013.
7. Science and Technology for Future, October 19, 2014.

International Year of Chemistry:

Celebrated from November 14-21, 2011 (Sponsored by U.G.C., New Delhi)

Technoquest:

Department of Computer Science organizes Annual Inter-College IT Festival, more than 500 students participate in it:



1. Techno-quest: A Congregation of technical minds, November 14, 2008.
2. Techno-quest: A National Level Technical Festival, November 13, 2009.
3. Techno-quest: A Congregation of Technical minds, October 19, 2010.
4. Techno-quest: A Congregation of Technical minds, November 8, 2013.

Workshops organized:

1. Hydroponics: Growing of plants without soil, October 21, 22, 2009.
2. Vedic Mathematics, October 15, 2009.
3. Astronomy and Astrophysics, September 20-22, 2010.
4. District Children Science Conference, November 26, 2010.
5. Six days workshop on Art & Craft, December 15-20, 2011.
6. Skill Development Training for Non-Teaching Staff, December 27, 2010 to January 1, 2011.
7. Personality Development and Life Style education, November 13-14, 2011.
8. Workshop on Art & Craft, May 15-30, 2012.
9. Tourism Awareness November 1-10, 2012.
10. Workshop on Android Application Development organized in collaboration with IIT, Roorkee from Feb 28 to 1 March, 2014.

Exhibitions by Department of Fashion Designing:

Exhibition of Apparels and Interior Decoration Items prepared by students is organized annually.

- Creations - February 5, 2010.
- Creations - March 1, 2011.
- Creations - February 9, 2012.
- Creations Women Empowerment - February 1, 2013.
- Creations - February 22, 2014.



Community network, student engagements, contributing to good citizenship and holistic developments of students is done through following awareness and participation campaigns:

- Blood Donation Camps
- First Aid and Home Nursing Training
- Environment Awareness / Protection Campaigns
- AIDS Awareness Campaigns
- Road Safety Rules Awareness Campaigns
- Anti Drug Abuse Campaigns
- Women Empowerment
- Save the Girl Child Campaigns
- Tree Plantation Drive
- Save Water
- Youth Empowerment
- Energy Conservation
- Lohri Celebrations on January 13, 2014.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

Students are enrolled for participating in various social movements/activities and promoting citizenship roles through following platforms provided by the college:

- National Cadet Corps (NCC)
- National Service Scheme (NSS)
- Red Cross Society
- Photography Club
- Eco Club
- Legal Aid Awareness Cell
- Heritage Society



- General Studies Circle
- Departmental Societies

Achievements in NCC:

Session	National	State	'C' Certificate
2010-11	06	50	10
2011-12	04	48	23
2012-13	03	49	20
2013-14	06	40	29

National Level:

Name of the Student	Achievement	Date
SUO Gurlal Singh	Common Wealth Games, New Delhi	Sept. 27 to Oct. 16, 2010
UO Kanupriya Chammbi	Common Wealth Games, New Delhi	Sept. 27 to Oct. 16, 2010
UO Jyoti	Common Wealth Games, New Delhi	Sept. 27 to Oct. 16, 2010
UO Shreedha Singh	Common Wealth Games, New Delhi	Sept. 27 to Oct. 16, 2010
Sgt Simarinder Singh	National Integration Camp, Jaisalmer	Oct. 2010
Bharti	Won Silver Medal in Gun Firing at National Level Vayu Sena Camp Bangaluru	2010
Harjeet Kaur	Mountaineering Camp Pahalgam	July 10 - Aug. 4, 2011
Harjeet Kaur	National Integration Camp, Maysore	Oct. 11-20, 2011
Gurvinder Singh	Trekking Camp, Gujarat	Nov. 1-15, 2011
Gurpreet Singh	Trekking Camp, Gujarat	Nov. 1-15, 2011
Rajkumar Yadav	National Integration Camp, Nagaland	July 3-14, 2012
Gurjinder Singh	National Integration Camp, Nagaland	July 3-14, 2012



Varinder Kumar	National Integration Camp, Nagaland	July 3-14, 2012
Yuvraj Khosla	National Integration Camp, Maharashtra	May 11-22, 2013
Harsimrat Singh	National Integration Camp, Maharashtra	May 11-22, 2013
Ravi Kumar	National Integration Camp, Maharashtra	May 11-22, 2013
Krishan Kant Singh	IMA, Dehradun Attachment Camp	June 17-28, 2013
Manpreet Singh	Cycling Expedition from Kullu Manali to Chandigarh	Oct. 14-23, 2013
Lovepreet Singh	Cycling Expedition from Kullu Manali to Chandigarh	Oct. 14-23, 2013

State Level:

- 10 cadets attended Combined Annual Training Camp Khuda Lohara near Chandigarh from Oct. 15-24, 2010.
- 6 cadets attended Army Attachment Camp at 16 MECH-Infantry Battalion, Patiala from Nov. 12 - 22, 2010.
- 13 cadets attended Annual Training Camp at Army Area, Patiala from Dec. 21-30, 2010.
- 20 cadets attended Annual Training Camp at JNV Fatehpur Rajputan, Patiala from July 20-29, 2010.
- Bharti won Gold Medal at State Level Vayu Sena Firing Camp, 2010.
- 11 cadets attended Combined Annual Training Camp at Patiala Cantt. from June 1-10, 2011.
- 4 cadets attended pre-directorate Combined Annual Training Camp at Bathinda from Oct. 1-20, 2011.
- 11 cadets attended Combined Annual Training Camp at Patiala from Nov. 8-17, 2011.
- 5 cadets attended Annual Training Camp at Patiala, Dec. 21-31, 2011.



- 2 cadets attended Directorate Combined Annual Training Camp at Zirkipur in Dec. 2011.
- UO Rajinder Singh Mehra got medal in Quater Guard at Annual Training Camp, Patiala from Dec. 21-30, 2011.
- UO Krishan Khadka won Gold Medal in Solo Dance Competition in Annual Training Camp at Patiala from Nov. 8-17, 2011.
- 13 Girl cadets attended Annual Training Camp at Akal Academy Cheema Village Sangrur, Oct. 9-18, 2011.
- 36 cadets participated in the combined annual training camp held at Ropar from Oct. 13-22, 2012.
- SUO Navtej Singh Sidhu performed duty as a camp Senior in Ropar NCC Academy and got special prize by COJ Punjab Battalion Col. D.M. Sharma.
- 3 cadets attended Combined Annual Training Camp at Ropar from Oct. 24 to Nov. 1, 2012.
- 3 cadets along with Capt. Ved Parkash Sharma attended Combined Annual Training Camp at Ropar from Nov. 2-11, 2011.
- 3 girl cadets attended Combined Annual Training Camp at Ropar from Dec. 8-17, 2012.
- 3 girl cadets attended Combined Annual Training Camp at Ropar from Dec. 18-27, 2012.
- 5 girl cadets attended Army Attachment Camp at Military Hospital Patiala from Jan. 17-31, 2013.
- 5 cadets attended Army Attachment Camp at Patiala from Jan. 10-24, 2013.
- 16 cadets attended Annual Training Camp at NCC Academy Ropar from Oct. 9-18, 2013.



- 10 cadets along with Capt. Ved Parkash attended Annual Training Camp at Rajiv Gandhi National Law University, Patiala from Oct. 23-1 Nov. 2013.
- Priya Garg attended Annual Training Camp at NCC Academy Ropar from July 11-20, 2013 and got medal in shooting competition.
- Cadet Kiran attended Annual Training Camp at NCC Academy Ropar from Aug. 22-31, 2013 and got prize for Solo Song.
- 5 cadets attended army attachment camp held at Patiala Camp from Jan. 13-27, 2014.
- 2 girl cadets attended Annual Training Camp at NCC academy Ropar from January 18-27, 2014.

Best Cadets:

- UO Shreedha Singh was adjudged Best Cadet of 2010.
- Capt Parneet Kaur was adjudged Best Cadet of 2011.
- Jashanpreet Kaur was adjudged Best Cadet of 2011 at Annual Training Camp held at JNV, Longowal.

'C' Certificate Exam passed

- 7 boys and 3 girl cadets in 2011.
- 11 boys and 12 girl cadets in 2011-12.
- 12 cadets in 2013.
- 22 boys and 5 girl cadets in 2013-14.

'B' Certificate Exam passed

- 25 boy cadets in 2010-11.
- 13 boy and 10 girl cadets in 2011-12.
- 9 girl cadets in 2012-13.



Achievements in NSS:**National Level:**

1. Priyanka and Gurleen Kaur (2 volunteers) attended Youth Leadership Training Camp at Taradevi, Simla from Dec. 1-10, 2011.
2. Sunny Kalsi and Avtar Kalsi (2 volunteers) attended Rajiv Gandhi National Adventure Camp (Desert Safari), Jaisalmer from January 10-19, 2010.
3. Amandeep Sharma attended National Youth Convension and National Youth Festival at Udaipur from January 12-16, 2010.
4. Jatinder Sonu, Aman Sharma, Sunny Kalsi, Parampreet Singh, Jatinder Singh, Avtar Singh (6 NSS Volunteers) and Dr. Rajeev Sharma, NSS Programme Officer attended 6 day adventure camp sponsored by Ministry of Development of North-East through North-eastern counsil and executed by Ministry of Youth Affairs and Sports under Pilot Scheme, "Youth to the Edge" at Arunachal Pradesh from March 25-30, 2011.
5. Amanpreet Kaur attended North-East National Youth Festival in Itanagar from Nov. 1-10, 2013.

University Level:

1. 20 volunteers and NSS programme officers Dr. Rajeev Sharma, Mr. Harmohan Sharma and Ms. Jagdeep Kaur attended youth convention at Punjabi University, Patiala on 12 January, 2011.
2. 20 volunteers and NSS programme officers Dr. Rajeev Sharma, Mr. Harmohan Sharma and Ms. Jagdeep Kaur attended youth convention at Punjabi University, Patiala on 23 January, 2013.
3. 20 volunteers and NSS programme officers Dr. Rajeev Sharma and Mr. Harmohan Sharma attended youth convention at Punjabi University, Patiala on 12 January, 2014.



Refer Annexure–XI and departmental reports for details of activities by other societies and clubs.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The stakeholders get to know about the performance of college through annual reports, magazine, college web-site, brochure, prospectus, news papers and electronic media.

Specific feedback Performa is there to solicit stake holder perception from students, alumni, parents and industry. The collected feedback is analysed and the outcome is discussed in the academic council meeting to take appropriate actions.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Our college has assigned the duties for carrying out extension and outreach programmes to the teachers-in-charge of NCC, NSS, Societies and Clubs. Teachers-in-charge chalk out the entire exercise in consultation with the Principal. They execute the programme for which funds are provided by the college. These activities promote sense of social responsibility among the students and they participate enthusiastically in these activities. These activities are widely reported through news papers and electronic media also.

Refer to 3.6.1 and Annexure–XI for details.

Expenditure against various activities during the year 2013-14 is as below:

From Amalgamated Fund

Sr.No.	Item	Amount (Rs.)
1.	Talent Hunt	59972.00
2.	RACES-2013	206110.00
3.	Annual Prize Distribution Function	257133.00



4.	Sports Contingency	82184.00
5.	Sports Equipment	4800.00
6.	Youth Festival	193601.00
7.	Inter Institutional Science Fair	25470.00
8.	Technoquest-2013	61441.00
9.	Blood Donation Camp	4802.00
10.	Voter's Awareness Camp	250.00
11.	Workshop on Android Apps. Development-2014	9551.00
12.	Literary & Cultural	3930.00
13.	Financial Assistance to Sports Students	420964.00

Sponsored by UGC, New Delhi

Sr.No.	Item	Amount
1.	Extension lectures & Seminars	21610.00
2.	Educational Tours	30840.00
3.	Healthy Practices	
(a)	Health Awareness Camp	2201.00
(b)	Rally by NSS on International Women Day	5022.00

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The college motivates, ensures and supports students' participation in various extension activities. Some best achievements/highest level participations are as below:

- National Integration Camps in 2011, 2012 and 2013.
- Youth Leadership/Personality Development (RGNIYD) Sri Penimbudur, Tamilnadu, 2008.
- Training of Material for Population Education Punjab University, Chandigarh from 28-30 July, 2008.
- Workshop on Adolescence Education (2008) NACO.
- Workshop on Disaster Preparedness Programme Workshop on 23 July, 2009.



- Orientation Course for NSS PO's Panjab University, 2008. (Mr. Harmohan Sharma)
- Orientation Course for NSS PO's Panjab University, 2009 (Ms. Jagdeep Kaur)
- Priyanka and Gurleen attended Youth Leadership Training at Taradevi, Shimla 2010.
- Rajeev Gandhi National Adventure Camp (Desert Safari) at Jaisalmer January 31 to February 8, 2010.
- Trekking, Artificial Mountain Climbing and Adventure Camp at Mcleodganj 2011.
- Adventure Camp at Haulong, Anuranchal Pardesh March 25-30 2012.
- National Adventure Camp Bikaner March, 2012.
- Training Programme on Social Harmony and Human Rights from 13-15 December, 2010.
- 2 weeks certificate course in Participatory Management from Dec. 18-31, 2012.
- Training Programme for promotion of voluntary blood donation upto 100% at Depatment of Transfusion Medicine at Government Medical College, Patiala on 16 February, 2014.
- Regular NCC Annual Training Camps.
- Regular NCC Army Attachment Camps.
- 'B' and 'C' Certificate camps / exams.
- Participation in RD Parade.



There are state level YRC committees and regular meetings are held. At the district level, there is district red cross branch and Deputy Commissioner is its president.

Objectives of Youth Red Cross unit in college:

- (a) Service to needy/poor students of the college is the form of free books.
- (b) Promotion of Health and Hygiene.
- (c) Promotion of Training of First Aid.
- (d) Eradication of Social evils such as Drug De-addiction, HIV/ AIDS, Female Foeticide, Dowry and illiteracy etc.
- (e) Promotion of Blood Donation movement.
- (f) Protection of Environment
- (g) Disaster Management Training.

Red Cross Society of M. M. Modi College, Patiala is engaged in promoting the noble cause of Red Cross Society under the able guidance of our Principal. In this contest 6 day training camp regarding "First Aid to the Injured/Drug-de-addiction/Health/Fire and Traffic Safety held at Govt. College for Girls Patiala from 9.9.2010 to 14.9.2010. Following students of our college participated in this camp:

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Jeewanjot Kaur	BSc-III (M)	11	Rupinder Kaur	BSc-III (M)
2	Manisha Sethi	BSc-II (M)	12	Sadhana	BSc-III (M)
3	Sandeep Kaur	BSc-II (M)	13	Tamana Garg	BSc-III (M)
4	Sony	BSc-II (M)	14	Gurpinder Kaur	BSc-I
5	Harmandeep Kaur	BSc-II (M)	15	Ginny Dhaliwal	BSc-I
6	Kanchan	BSc-III (M)	16	Amanpreet	BSc-I



7	Jashandeep	BSc-III (M)	17	Jasbir Kaur	BSc-I
8	Poonam Kamboj	BSc-II (M)	18	Kamaldeep Kaur	BSc-III
9	Ravneet Kaur	BSc-II (M)	19	Karishma	BSc-III
10	Neelkamal	BSc-III (M)	20	Meenal	BSc-II (M)

- The college Red Ribbon Club works for AIDS awareness under the guidance of Dr. Rajeev Sharma.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- Survey on AIDS Awareness, 2012-13.
- Voters Day Celebration on 25 January, 2013.
- Voters Awareness 22 March, 2014.
- Health Checkup Survey “Committ to be Fit – The Greatest Wealth is Health” conducted on the College students and faculty by Department of Biological Sciences in collaboaration with Red Cross Society on April 9, 2014.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students’ academic learning experience and specify the values and skills inculcated.

Extension activities such as National Integration Camps, Youth Leadership Training Camps (YLTC), Pre Republic Day Parade Camps, Mega Camps and Adventure Camps, where our NCC cadets and NSS volunteers participate enthusiastically, provide ample opportunities to them to intermingle with the students with varied backgrounds and understand their cultures and traditions. It is a great learning experience for all participants and develops a sense of belongingness to the nation as a whole. Such cultural exchanges are



useful for academic learning as well as improving the social cohesion.

Students who participate in these activities are always more confident and are sensitized to the needs of the under privileged. They are gender sensitive and accommodating and never indulge in ragging or intimidation.

Our NCC students have been placed in the army at officer level primarily because of this background.

Departmental reports show that our students are improving their performance in the university examinations. Number of placements is increasing every year. These are some of the indicators of the impact of extension activity.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The institute–community linkage is assured by encouraging the students to involve themselves in outreach activities which benefit the community at large. Some action oriented activities organized by our students are listed below:

- Tree Plantation Drive (Annually)
- Blood Donation camps (Annually)
- AIDS Awareness Campaigns on 20 Dec. 2010 at Barnala, 26 March, 2011 at Patiala, 1 December, 2012 at Desh Bhagat College, Bardwal, 1 December, 2013 at Patiala, 29 January, 2014 at Mata Sahib Kaur Girls' College of Education, Patiala, 30 January, 2014 at Chandigarh College of Education, 2014 and 10 February, 2014 at Saint Kabir College of Education, Patiala.
- Visits to Old Age Homes



- Growing of plants in water (Hydroponics)
- Setting up of vermi composting units
- Navchetna Shivirs

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

To make the outreach activities more extensive, these are carried out in collaboration with various NGOs/GOs. The College has a good liason with the following bodies which regularly collaborate with our activities of social outreach.

- Basant Ritu Club, Patiala
- Dedicated Brothers Group, Patiala
- Government Mohindra College, Patiala
- Government College for Girls, Patiala
- Government Bikram College of Commerce, Patiala
- Government State College of Education, Patiala
- Institue of Cost Accountants of India (ICAI), Patiala Chapter
- Red Ribbon Club
- Punjab State Council for Science and Technology (PSCST), Chandigarh

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Our college has been awarded/honoured:

1. Award of Honour for fund raising programme conferred by Indian Red Cross Society, Punjab on 8th May, 2012.



2. 'Sarvotam College' (Best College) award for NSS activities conferred by Department of NSS, Punjabi University, Patiala on 23 January, 2013.
3. Award of Honour for Blood Donation Activities by Mission Laali and Hariyaali (Registered NGO), 2012.
4. Award of Honour for Blood Donation Activities by Punjab Kesari Group, 2012.
5. Awarded by Department of Blood transfusion of Govt. Rajindra Medical College and Hospital, Patiala, 2013 for Blood Donation activities.

Awards and Honours received by Faculty and Students:

6. Dr. Rajeev Sharma received Best NSS Programme Officer Award conferred **thrice** by Punjabi University, Patiala on 12 January, 2011, 23 January, 2013 and 12 January, 2014.
7. Dr. Rajeev Sharma was honoured by the District Administration, Patiala for his commendable contribution in extending social services by participating in Blood Donation, Environment Awareness and AIDS Awareness on 26th January, 2010.
8. Dr. Rajeev Sharma was awarded for Blood Donation activities by Dedicated Brother Group (Regd. NGO) Patiala.
9. Dr. Rajeev Sharma honoured as Star Donnor by Patiala Distt. Blood Transfusion Council on 8th October, 2011.
10. Dr. Rajeev Sharma honoured for blood donation activities on National Voluntary Blood Donation Day, 2012 and 2013.
11. Best Cadets
 - Shreedha Singh (NCC), 2010.
 - Parneet Kaur (NCC), 2011.



- Jashanpreet Kaur (NCC), 2011.

12. Best Campers

- Priyanka (NSS), 2011.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

- Dr. Kuldeep Kumar, Asst. Professor in the department of Biotechnology collaborated with National Research Development Council (NRDC), New Delhi to develop urea biosensor.
- Our research facilities are made available to the researchers pursuing their research work in various universities. This ensures better utilization of research infrastructure created by the college.

3.7.2 Provide details on the MoUs / collaborative arrangements (if any) with institutions of national importance / other universities / industries / Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

- Institute of Cost Accountants of India (ICAI), Patiala chapter runs its evening classes in our college campus. They also hold classes on Sundays. This ensures the optimal use of the infrastructure. This institute is extending this facility in our city and improving the professional competence of the young boys and girls where our college, by providing our infrastructure and human resources, also collaborates with the institute for this social cause.
- Our faculty of Computer Science and Chemistry Department is extending their services as guest faculty to Punjabi University, Patiala.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation / up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library / new technology / placement services etc.



Our college has limited open area because of which we are not able to provide large grounds to our sportspersons but this aspect has never proved to be a hindrance in their level of performance. This is true because we have MOU with Punjab Sports Department which allow our students to use Polo Ground and NIS facilities. Our students practice there, avail the coaching facilities, build their skills and always improve their performance levels in respective competitions. We are winner of Maharaja Yadvindra Singh General Championship (Male) of Punjabi University for the last four years consecutively and Rajkumari Amrit Kaur Trophy, General Championship (Women) of Punjabi University for the last two years in a row.

Scholarships are also given to the needy students for meeting their financial needs. We have following three scholarships for our students;

1. Sarbat Da Bhala Scholarship of Rs 10,000 per student. This is on the basis our MOU with Sarbat Da Bhala Trust
2. Chhavi Jindal Scholarship out of the fund created by the parents of late Ms Chhavi Jindal.
3. Dr Nirmal Kaur Scholarship for the topper in the Organic Chemistry specialization.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Refer 3.1.6 for the list of National and International Conferences organized by the college. For the details of names of eminent scientists / participants who contributed to the events, refer Annexure-V.



3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

a) Curriculum development/enrichment

14 teachers of the college are members of 17 Boards of Studies of Punjabi University, Patiala, Desh Bhagat University, Mandi Gobindgarh, Mata Gujri College (Autonomous), Fatehgarh Sahib. They have contributed in the enrichment of the curriculum of respective courses.

b) Internship/On-the-job training

M.Sc. (Bio-Technology) students undergo summer training of 30 days. Students of BBA-III undergo 40 days internship programme in industries. All the PG students have been given internship/hands on experience by the College as a supplement to the regular course.

c) Summer placement

d) Faculty exchange and professional development

e) Research

Research students registered with Punjabi University, Patiala, Panjab University, Chandigarh, Punjab Technical University, Jalandhar and Maharishi Markandeshwar University, Mullana are carrying out their research work under the supervision of our faculty members.

f) Consultancy

Our teachers are members of Board of Studies of Universities / Autonomous College and they contribute in the formulation / improvement in the syllabi of various courses. Many of our teachers are also actively participating in the management of institutions run by NGOs / GOs.



g) Extension

A formal agreement exists between the college and Department of Blood Transfusion, Govt. Rajindra Medical College and Hospital, Patiala for organizing Blood Donation Camps.

h) Publication

College magazine 'The Luminary' is published annually.

i) Student Placement

The efforts of placement cell are bearing good fruits; the placement of students is increasing every year, for details of last four years placements refer to Annexure-III.

j) Twinning programmes

Three add-on courses are offered as additional/twinning programme.

k) Introduction of new courses

11 new courses have been introduced since 1st accreditation. For details, refer 1.3.5

l) Student exchange

m) Any other

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

Our college appreciates the need and relevance of collective efforts in the field of social service in general and in education in particular. This is the reason we always welcome those who come to extend such help to our students.

Our management committee members are also heading philanthropic institutions and they continue to interact with people working in the field of social services. These interactions generate ideas and opportunities which are discussed in the meetings of the management and academic council before taking the final decisions. MOU's are signed by the principal on the behalf of the college.



CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

- Situated in the heart of the city, M. M. Modi College is a multi-faculty, co-educational institution founded in 1967 and has a sprawling campus covering an area of 21780.93 sq. m. with built-up area of 280672.39 sq. ft. (26074.4650 Sq. Mt.)
- The college has a state-of-the art eco-friendly infrastructure where our present strength of approximately 3500 students is comfortably accommodated
- An overview of the total infrastructure is as follows:

The whole complex is divided into three blocks:

- Main Block
- HR Modi IT Block
- Commerce Block

The infrastructural details including classrooms and offices are given below:

- There are 13 Offices besides Principal's Office to run the administration of the college (Annexure IX-A).
- The institute has 58 classrooms which are fully ventilated & spacious enough to accommodate our present strength. (Annexure IX-A)
- One fully ventilated and spacious room with ramp and attached washroom for differently-abled students is available in the campus.
- To meet the curricular and co-curricular needs, we have 2 Lecture halls (Room No. 8 & Room No. 22), 1 Seminar Room, an Open Air Theatre and an Open Stage.



- We have well maintained 5 lawns and a Botanical Garden with a wide variety of ornamental and medicinal plants. (Annexure IX-B)
- 2 Libraries stacked with latest books. (Annexure IX-C)
- 3 Separate Reading Rooms in library are available for students/teachers working on projects/research work.
- 15 Staff Rooms where each staff member has his/her personal locker.
- There are 7 Stores (5 in the Main Block & 2 in Computer block) to maintain records of various offices: Library, Registrar Office, General Office, Accounts Office, Sports, Computer Science Department and Fashion Design & Technology Dept. of the college.
- 1 Strong Room is attached with the Principal's office.
- 3 Common Rooms with attached toilets are provided for Girl students and One Common Room for Boys.
- 3 Separate Canteens for students (Boys & Girls) and staff are available.
- We have 3 parking lots provided for Staff Members, Boys and Girls.
- 5 Residential Quarters are provided to Watch and Ward Staff.
(Annexure : IX-G)
- We have 7 Research laboratories in addition to the 21 well-equipped laboratories for various departments (Annexure: IX-D). The list of 7 Research laboratories is given here:
 - Central Instrumentation Laboratory (01)
 - Chemistry Research Laboratories (02)
 - Biotechnology - Tissue Culture Laboratory (01)
 - Multimedia Laboratory (01)
 - Psychology Laboratory (01)
 - Geography Laboratory (01)



4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

It is a constant practice of the college to keep augmenting its infrastructure in order to enhance the effectiveness of teaching learning process and to provide maximum learning opportunities to the students. We have made significant additions to the infrastructural facilities; some of them with special UGC assistance. The infrastructural augmentation is done by following a certain policy. The proposal for the new projects is first discussed in the College Academic Council headed by the Principal and then it is forwarded by the Principal to the Management Committee. After approval of the Managing Committee, various committees are constituted to execute the tasks.

List of Augmented infrastructure:

- The college has added a new Postgraduate Science Block, covering a total area of 10,000 sq. ft. comprising labs for Biotechnology, Chemistry and Pharmaceutical Chemistry and Four new classrooms for the Postgraduate classes in 2010.
- A new Multi Media Lab equipped with 20 latest computers, computer projector and other facilities have been added in 2011 for the students who have not opted computer as a subject.
- 2 Research labs which motivate the students as well as teachers to carry out Research Projects were established in the year 2010 and 2011.
- A Central Instrumentation lab for carrying out advanced research has been set up in the college in the year 2010.
- A Digital Language Lab for polishing the Communication Skills of the students has been added in the year 2009.



- A new block for Commerce faculty comprising 12 rooms covering a total area of more than 15000 sq. ft. has also been constructed in year 2013. It has 10 classrooms, 1 staff room and 1 common room with toilets for girls.
- A large no. of software and hardware has been installed in the Dept. of Computer Science and Management.
- In order to keep pace with the changing scenario in academics, digitalization of the main library has been completed. To modernize and systematize the functioning of the library, Barcoding Hardware and Bar Coding Software, Scanner, Color Printer and Computer Systems have been installed in the year 2013-2014.
- In 2011-12 renovation of various Computer Laboratories, Physics laboratories, Chemistry laboratories, Geography laboratory, Registrar Office and Dean Students' Welfare office was carried out.
- The renovation of Commerce department staff room and Punjabi department staff room has been completed in 2013.
- New toilets/washrooms have been constructed near the entrance gate and a washroom for girls has been renovated. All other washrooms in the college have also been renovated in 2013 and 2014.
- A three-storey new Commerce Block with 12 rooms where new furniture and fixtures is installed. Flooring for the area surrounding this block is done with multi-coloured interlocking tiles. Water harvesting system has also been installed in the campus (2014).

4.1.2 Detail of the facilities available for

- a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.



Curricular and Co-curricular activities impart new and meaningful dimensions to the students' personality and thus fulfill the desired purpose of education and learning.

To meet the Curricular and Co-curricular requirements of the college, the institute has very spacious, ventilated, well-furnished Classrooms, a rich Library and laboratories with comfortable furniture.

- The institute has 1 Seminar Hall and 2 Lecture Halls to hold Seminars, extension lectures, workshops, conferences and even small scale functions of various departments.
- For both College and Inter-College level functions, we have a central lawn with an open stage which is mainly used to hold Annual Prize Distribution Function, Convocation and Talent Hunt Competition etc.
- We have a walled ground where a huge open stage is erected and is used by the college as well as by the community for various social functions with the permission of the college.

Laboratories

- Our college is among the best of the colleges in the area as far as the Laboratory Infrastructure is concerned. We have state-of-the art equipment that is used for regular teaching learning and also for project work by students and teachers.
- Laboratories are in sufficient number to accommodate all the courses presently offered by the college.
- Safety equipments are installed and maintained regularly in the laboratories.
- These laboratories are well ventilated and spacious to prevent any health hazard. Working shelves are fitted with chemical resistant tiles which makes the process of keeping them clean and tidy easier.



- Specially designed workbenches are provided to the students of Fashion Designing Department which make their working environment both conducive and creative.
- Store rooms and cabinets for the storage of laboratory equipment and chemicals are provided in all laboratories.
- A separate stock register is maintained in each laboratory where receipt, issue and balance of everything in the laboratory is updated regularly.
- Caseworks are durable and designed and constructed in such a way that they can be used easily, reused and relocated if required.
- Computer Laboratories are designed in such a manner that adequate space is provided to the computer users. Air conditioners have been installed to maintain the efficiency of the systems.

The details of 28 different labs are as follows:

- Computer Labs: Modern computing methods and access to electronic marvels serve as invaluable teaching aids. It enables the students an easy access to the internet and keep them abreast of the global trends. We have 4 fully furnished labs in HR Modi IT Block.
- Multi Media Lab: We also have Multimedia Internet Lab equipped with high end configuration systems with internet and projector facility in the Commerce Department.
- Geography Lab: The lab contains an extensive topographic map collection and a variety of apparatus and teaching aids essential for carrying out experiments.
- Physics Labs: The College has 2 physics labs which present an opportunity to the students to gain insight into some of the basics of physics. It also aids the students to gain a better understanding of their course work.

- Chemistry Labs: Well furnished 4 Chemistry labs with latest equipments provide an in-depth introduction to chemical principles with emphasis on experimental and applied aspects of modern chemistry.
- Research Labs: 2 Research Labs provide an opportunity to the students of Post-graduate classes to appreciate finer points of research. The lab is also used by the faculty members for advanced research.
- The Central Instrumentation Lab: This Lab is equipped with modern sophisticated instruments to promote scientific temper and encourage the students and research scholars to carry out research in their respective field of knowledge.
- Botany and Zoology labs: These labs have rare collection of plants and preserved animals which are the source of first-hand experience for the students. Charts and specimens displayed in the labs also enrich the knowledge of students.
- Biotechnology Lab: This department has 4 labs to cater to the needs of Graduate and Postgraduate classes.
- Bioinformatics Lab: The department also has well-furnished lab as per the curricular requirements to carry out practical assignments and projects.
- Fashion Design and Technology: The 3 labs of the department have modern sewing machines and material to allow the budding designers to harness their creativity.
- Music Room/Lab: Music room has an array of musical instruments to help the students to chisel their musical talent.



- Digital Language lab: A full-fledged ultramodern Language lab with English language learning software facilities has been set up to improve Interpersonal and Communication Skills.
- Psychology Lab: This lab offers numerous opportunities for students of Psychology. The students are helped to choose subjects, collect data, analyze, interpret and write up their results.

For Details of equipment in laboratories refer Annexure-IX-D.

- The college has well maintained 5 lawns including a Central lawn with an open air stage.
 - The college has a beautiful Botanical Garden having a variety of plants especially for the benefit of students of Life Sciences Department. The Botanical Garden is divided into different sections: Cactus Section, Palm Section, Ficus Section, Monocot Section, Shrubs, Gymnosperms, Tree Section and Hydrophytes Section. The garden also has a poly house and a green house (Annexure: IX-B).
 - Adjoining the Chemistry Lab, there is a small Plant Conservatory harboring some Wild Plants and some environment friendly Cultivated plants grown mainly to absorb the Obnoxious Gases and other Pollutants released during experimental work. The main pollutant absorbing plants growing in the green belt are Silver fir, Cycas, Vitis, Psidium, and Plumeria etc. This zone besides providing material for class work, serves as a Pollution Sink Zone.
- b) Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Extra-curricular activities impart meaningful dimensions to student's personality thus fulfilling the desired purpose of education & learning.

Our institution encourages our students to actively participate in Sports and provide all facilities including good diet, fee concession, scholarships etc.

- The college has MOU with National Institute of Sports (N.I.S.), Punjab Sports Department and Punjabi University. Our players use their facilities to polish their sporting skills. (For details, refer to Annexure - XIII)
- The Punjabi University and Punjab Sports Dept. has allotted us sports wings in 13 disciplines (Outdoor and Indoor Games) (Annexure IX-E).
- The department of Sports also provides free facility of boarding and lodging in the sports hostel and sportspersons are also provided Special Diets to enhance the quality of their performance in various competitions. They are also given coaching by expert coaches in their respective wings.
- To foster a sense of social responsibility and help students acquire leadership qualities, the institute offers NSS programme to its students.

List of Material in NSS Office:

- First Aid Box
- Utensils for cooking food
- Utensils for serving and eating food
- Buckets
- Tools for cleanliness / cutting of shrubs
- Teaching kits
- Utensils for food storage
- Metal Boxes (Trunks)
- Carpets
- The college campus is used to carry out various social activities under the banner of NSS.



- The college provides nutritious diet to the cadets during Camps and Parades and are also given T.A. to reach their camp destination. (Both for NCC cadets and NSS volunteers)
- A NCC office with specific storage area has also been allotted (NCC material).

NCC (Boys) Office Material:

• Waist Belts	-	11
• Web Inslings	-	10
• Jacket Combat	-	1
• Trouser-cum-suit	-	1

NCC (Girls) Office Material:

• Jersey Koti Khaki	-	67
• Chest AD	-	82
• Trouser BDS	-	87
• Nest Woolen H/S SR/Neck	-	48
• Durrie IT	-	3
• Blanket BK	-	4
• Bag kit Universal	-	6
• Ground Sheet	-	2
• Net Mosquito	-	6
• Belt Web Waist	-	85
• Chart all Type	-	8
• Diagram Woolen	-	1
• Bucket Brass	-	43
• Jacket Combat	-	6
• Trouser Combat	-	2
• Cap FS	-	2
• Coat Combat	-	1

Cultural Activities

- Our students also actively participate in various Cultural Activities of the college. To carry out cultural activities, a special room has been allocated for storage of material and equipment relating to various cultural events, like Gidha, Bhangra and Play etc.



- Conveyance is provided to the students to reach the allocated destination for various competitions.
- Facilities like expert coaching wherever required to students for various cultural activities are provided in addition to special diets and T.A.-D.A. to students during performance days.
- Rehearsals for various cultural events are carried out in the college campus as per the convenience of the students after study hours.
- All departments of the college viz. Life Sciences, Chemistry, Geography, Fashion Design & Technology, Commerce, and Social Sciences maintain “Wall Magazines” to inform the students about the recent trends in their fields. The ‘General College Wall Magazine’ is also located near the Administrative Office (Annexure IX-F).
- For developing and polishing the Communication Skills of the students of our college, we have a well-equipped Digital Language Lab having 12 Computer Systems with LAN facility and English Language Software “Oral Digital Language Lab Software”.
- We have a well-equipped Fitness Gymnasium for both students and staff members.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

58 class rooms and 28 laboratories and two libraries are sufficient enough to cater to the needs of 3500 students enrolled in 12 UG and 10 PG courses. Any need of infrastructure emerging out of the increase in enrollment, additional course introduced, revision in curriculum etc. is considered in Academic Council of the College and requirements are planned for infrastructure augmentation on regular basis (refer 4.1.1).



- The existing infrastructure is utilized optimally by making it available to the various Govt. Organizations and NGOs to carry out several activities besides regular academic activities.
- We provide infrastructure for evening classes of Institute of Cost Accountants of India (ICAI).
- Our college provides facilities for conducting examinations by various government departments and recruiting agencies working for Central or State Government, such as: PPSC, SSB, Income Tax Dept., C-DAC, IBPS, Staff Selection Commission, UGC and various universities.
- The Infrastructure is also used as Evaluation Centre of Punjabi University and Punjab Technical University examinations from time to time.
- Building is also occupied for the conduct of State Assembly and Parliament Elections, Counting of Votes during these Elections, making new Voter Cards/Aadhar Cards etc.
- The Local communities also use the college infrastructure for social and religious activities.
- Cost of augmentation and maintenance for last 4 years is 21,702,509/- (For details refer 4.4.1).

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

Persons with physical disabilities need special arrangement in the academic environment for their mobility and independent functioning.

- One separate rest room has been constructed with facilities such as Ramp and attached toilet to ensure comfort for the disabled students.
- Ramps are constructed to ensure easy access to all the class rooms on the ground floor.



- The differently-abled students are accommodated in the library situated at the ground floor in the HR Modi IT Block.

4.1.5 Give details on the residential facility and various provisions available within them:

- Hostel Facility – Accommodation available
- Recreational facilities, gymnasium, yoga center, etc.
- Computer facility including access to internet in hostel
- Facilities for medical emergencies
- Library facility in the hostels
- Internet and Wi-Fi facility
- Recreational facility-common room with audio-visual equipments
- Available residential facility for the staff and occupancy
Constant supply of safe drinking water
- Security

The college provides facility for recreation to its staff & students. Apart from Students' Common Rooms and a Gymnasium, a Tennis Court is available to the students and staff to keep them healthy & fit.

- Residential Facility is made available to the Watch and Ward staff. 5 Staff quarters are provided to the families of the college employees to ensure safety, security and cleanliness of the campus at all hours.
- In order to provide a safe and secure academic environment to the students, the college employs Security Guards who keep a vigilant eye on the students' activities. Students are allowed to enter the college premises only after producing their identity cards, thus preventing the outsiders from entering the campus, ensuring perfect discipline in the campus.
- The college has employed a visiting doctor for taking care of the dispensary. Apart from routine visits, the doctor is made available to the students and the faculty in case of emergency.



- Well equipped fully computerized 2 libraries are catering to the needs of students (Refer 4.2 and Annexure IX-C).
- Computer and IT needs are met by providing well equipped 4 computer laboratories, multi-media laboratory and one language laboratory linked through LAN and WiFi facilities.
- Availability of safe drinking water has been ensured by 8 water coolers with UV filters (One each in Commerce and IT block and six in the Main Block).

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

A dispensary with first-aid facilities and visiting doctor is in the campus. The services of the doctor are available at the time of emergency call apart from the periodic visits. Any case of medical emergency, which our doctor finds unable to handle properly, can be taken to good hospitals which are within the range of 2 kilometers from the college.

4.1.7 Give details of the Common Facilities available on the campus-spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

- To ensure the safety of girl students, a special room for Dean Students (Girls & Boys) has been assigned and students can contact authorized teachers regarding their Grievances & Problems.
- Though no incident of Ragging has been reported in the last five years, still we have Anti-Ragging Cell in the college to deal with such cases.
- Phone numbers of Dean Student Welfare (Boys and Girls) are displayed in the college and students can contact them to report any inconvenience caused to them.



- We have 3 canteens for the students. 1 canteen can be used by all including staff members whereas 2 canteens are exclusively for girls.
- Availability of safe Drinking water has been ensured by 8 water coolers with UV filters (One each in Commerce and IT block and six in the Main Block).
- The college has a sizeable Water tank which suffices the water needs of the institute. It is cleaned from time to time.
- Dedicated water pipelines for science laboratories for uninterrupted water supplies are available.
- The Institution has a Placement and Career Guidance cell for the benefit of students. A room has been allotted for this purpose in HR Modi IT Block.
- The college has provided separate rooms for IQAC, Grievance Redressal Cell and Women's Cell.

4.2 Library as a Learning Resource

The **College library** provides immense academic support system in teaching learning and research activities of the students. (Annexure: IX-C)

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

- To manage the working of the library, library Advisory Committee comprising 7 members is constituted which is headed by the Principal. The Advisory committee assesses and recommends measures to be taken for the required upkeep of the library.

Library Advisory Committee

1. Mrs. Poonam Malhotra (Associate Professor, English)
2. Mr. Sharwan Kumar (Associate Professor, Commerce)
3. Dr. Harcharan Singh (Associate Professor, Punjabi)



4. Dr. Rajeev Sharma (Associate Professor, Chemistry)
 5. Mr. Neeraj Goyal (Assistant Professor, Management)
 6. Mr. Harmohan Sharma (Assistant Professor, Computer Science)
 7. Mr. Paramjit Singh Khanna (Assistant Librarian)
- In the beginning of every session HODs of various departments in consultation with the staff members prepare list of books and journals required for their respective departments. These requirements are discussed by the library committee and an arrangement for the purchase of books and subscriptions for journals are made accordingly.
 - The Library has a rich collection of 61,470 books on various subjects such as Humanities, Basic Sciences, Commerce, Computer Science, Social Sciences, Technology and Management, Languages, General Knowledge and other related areas. 19 news papers and 74 Journals/Magazines and INFLIBNET Connection have been subscribed.
 - The books are duly categorized and catalogued. Students can easily access the required books by consulting the manual as well as computer catalogue.
 - Library staff is student and teacher friendly and helps them to make the best use of the resources.
 - Separate registers have been maintained to record the number of walk-ins and feedback from the students.
 - The registers are reviewed from time to time by the library committee in order to assess the student requirements as well as for making future policy decisions in regard to the library.

4.2.2 Provide details of the following:

- * Total area of the library (in Sq. Mts.)
- * Total seating capacity



- * Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- * Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

The Main library covers an area of **810.68sq.mt.**Detail of this is:

- Reading Area : **402.82sq.mt.**
- Stack Area : **282.90sq.mt.**
- Other Service Area : **124.96sq.mt.**

Library can accommodate more than **300** readers at a time.

- For the convenience of the readers, the library has different sections for books. Apart from 2300 Books in Computer Block Library, following list shows three sections and the number of books available there:
 - Text Book Section : 7160 Books.
 - The Reference Section : 1800 Books
 - General Book Section : 50210 Books.
- Journals/Periodical Section: Journals being the primary source of information are essential to supplement the research activities. Our library has a vast collection of National and International Journals on various subjects. There are 74 journals/Magazines and 18 Newspapers in the library.
- Photostat facility is provided to the students in the library.
- In the process of full computerization of the library, bar-coding system is the latest initiative taken by the college.
- We also have one library in the HR Modi IT Block which functions in complete co-ordination with the Main Library (Annexure IX-C).
- Library staff is student friendly and remains available in the library from 8:30 A.M. to 4:30 P.M i.e. half an hour before and after the college regular timings to facilitate the students issue and return of books. The timing is same even for examination days and vacations.



4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

- The college has a well laid mechanism to ensure the purchase of latest books. The faculty members submit the list of latest publications to the librarian. The submitted lists are approved by the library committee and the approved books are procured by the fixed mechanism.
- The Library resources are augmented every year with many new editions and titles for the students. The record of last four years of the number of books purchased and the total amount spent for new books/Journals is as follows:

Session	No. Of Books	Total Amount(Rs.)
2009-2010	424	125762.00
2010-2011	1603	616319.00
2011-2012	563	193510.00
2012-2013	300	99162.00
2013-2014	1029	809142.00
Total Books/Amount	3919	1843895.00

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

* **OPAC**

Online Public Access of the library catalogue is available on college intranet.

* **Electronic Resource Management package for e-journals**

* **Federated searching tools to search articles in multiple databases**

* **Library Website**

A separate page of library is available on the college website www.modicollege.com



- * **In-house/remote access to e-publications**
e-publications available through INFLIBNET have remote access.
- * **Library automation**
The library is fully automated.
- * **Total number of computers for public access**
2 in the library and about 150 in all other computer laboratories, all linked through intranet.
- * **Total numbers of printers for public access**
One
- * **Internet band width/ speed □ 2mbps □ 10 mbps □ 1 gb (GB)**
7 connections having total bandwidth of 5 mbps.
- * **Institutional Repository**
- * **Content management system for e-learning**
A pool of approximately 1000 e-resources in the form of PPTs, PDFs, Recorded Lectures, Weblinks, e-books is available on college intranet.
- * **Participation in Resource sharing networks / consortia (like Inflibnet)**
 - The library operations and services are fully computerized using LIBSYS software.
 - A catalogue of the books is available and the entire collection is Bar Coded.
 - The library staff issues 2 books per student for 15 days.
 - The library has 5 Computers, 5 Printers, 6 Bar Code Scanners, 1 Photocopier.
 - The college has subscribed for INFLIBNET (Information and Library Network) which enables the students and staff through 45 personalised accounts to access valuable E-Resources and download articles directly from the publisher's websites falling under UGC- INFLIBNET digital library consortium.



4.2.5 Provide details on the following items:

* **Average number of walk-ins**

- 200-250 no. of students visit the Reading Section in the Library per day. And 50-55 no. of students visit the Circulation Section in the Library per day.

* **Average number of books issued/returned**

- 28 books are issued per day and 12 books are returned per day by students. 6 books are issued per day and 2 no. of books are returned per day by faculty.

* **Ratio of library books to students enrolled**

- 2 books issued per student for 15 days.

* **Average number of books added during last three years**

Number of books added during last five years

Session	No. Of Books	Total Amount(Rs.)
2009-2010	424	125762.00
2010-2011	1603	616319.00
2011-2012	563	193510.00
2012-2013	300	99162.00
2013-2014	1029	809142.00
Total Books/Amount	3919	1843895.00

An average 784 books have been added per year.

* **Average number of login to opac (OPAC)**

- 60-65 Students visit the circulation section in the library use OPAC daily.

* **Average number of login to e-resources**

- There are 42 login members to e-resource.



* Average number of e-resources downloaded/printed

- E-resource facility is provided in the Main library as well as Computer library. Students can download e-resources but for saving the paper students are allowed to get softcopy of e-resources only.

* Number of information literacy trainings organized

One lecture on INFLIBNET – N-List by Dr. Sanjay to the faculty during 15 days Faculty Development Programme.

* Details of “weeding out” of books and other materials

Lost & paid “weeding out” books

19 books	2013-14
Nil	2012-13
4	2011-12
25	2011-10

4.2.6 Give details of the specialized services provided by the library

* Manuscripts

* Reference

Yes

* Reprography

Yes

* ILL (Inter Library Loan Service)

* Information deployment and notification (Information Deployment and Notification)

* Download

Yes

* Printing

Yes

* Reading list/Bibliography compilation

Yes

* In-house/remote access to e-resources

Yes



* User Orientation and awareness

Yes

* Assistance in searching Databases

Yes

* INFLIBNET/IUC facilities

Yes

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

For facilitating the borrowing and returning of the books and not to disturb the teaching schedule, library staff is available for half an hour before and after the regular college timings.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

No visually impaired student got admitted to the college, however, the library needs of orthopeadically handicapped students are catered by the library situated at ground floor of HR Modi IT Block. The main library is situated at first floor of main block. Both the libraries are interlinked.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Library maintains a register where students can record their suggestions and grivances. This register is reviewed by the library committee and conveyed to the Principal for necessary action. To supplement this information, the feedback performa designed for students has provision to get feedback on the library also. On the basis of this feedback following improvements have been made in last four years:

- Computerization of Library
- Subscription of INFLIBNET Connection



- Subscription of some International Journals
- Increase in number of books issued to staff members
- Repair of furniture and whitewash in the library

4.3 IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

- Number of computers with Configuration (provide actual number with exact configuration of each available system)

S. No.	Computer Configuration	Quantity
1	P-II @ 333 MHz, 4 Gb HDD	1
2	P-II @ 266 MHz, 20 Gb HDD, 16 MB RAM	10
3	P-III @ 650 Mhz, 20 Gb HDD	1
4	P-III @ 650 Mhz, 10 Gb HDD, 64 MB RAM	10
5	P-III @ 700 Mhz, 10 Gb HDD, 128 MB RAM	5
6	P-III @ 866 MHz, 20 GB HDD, 128 MB RAM	10
7	P-III @ 1Ghz, 20 Gb HDD	1
8	P-IV @ 2.6 Hz, 40Gb HDD, 256 MB RAM	6
9	Celeron 2.4 Hz, 40 GB HDD, 256 MB RAM	24
10	P-IV @ 3.0 Ghz, 80Gb HDD Sata	1
11	P-IV @ 2.4 Ghz, 40Gb HDD, 256 MB RAM	1
12	LX-Infiniti Pro, 40 GB HDD, 256 MB RAM	22
13	P-IV @ 3.4 Ghz, 512 MB RAM	20
14	P-IV Core 2 Duo, 1 GB RAM, 160 GB HDD	20
15	P-Dual Core 2.4 Ghz, 2GB RAM, 160 GB HDD	25
16	Intel Dual Core 2.7 Ghz	25
	Total	182

For details of Computer Hardware and Softwares in the college refer to Annexure IX-D13.



- Computer-student ratio

22.5 : 1

- Stand alone facility

All the stand alone computers have been updated with LAN or Wi-Fi facility.

- LAN facility

- The college has rich IT infrastructure. We have LAN facility in 4 computer labs in the HR Modi IT Block. These labs are further connected with different departmental Labs; Commerce Department (Multi Media Lab), English Dept. (Language Lab), Science Department (Bio-informatics Lab).
- LAN connection is available in the Main Library and is further connected with the Library in the HR Modi IT Block. Different offices in the college i.e. Principal's office with General office, Steno office, Supt. office and Registrar's office are also inter-connected by LAN.

- Wi-fi facility

- Wi-Fi facility is available in the limited areas of the campus.

Details of Networking Facilities in College

Sr. No.	Location	Network
1	Comp. Laboratory -1	LAN Network
2	Comp. Laboratory -2	LAN Network
3	Comp. Laboratory-3	LAN Network
4	Comp. Laboratory-4	LAN+ WiFi
5	General Office	LAN+ WiFi
6	Principal Office	LAN+ WiFi
7	Multimedia Laboratory	LAN Network
8	Library	LAN+ WiFi
9	Registrar Office	LAN+ WiFi
10	Bio Informatics Laboratory	LAN Network
11	Language Laboratory	LAN Network
12	Chemistry Staff Room	LAN Network



13	Compupter Library	LAN Network
14	HOD, Management	LAN Network
15	HOD, Computer Sc.	WiFi
16	Co-ordinator Room	LAN Network
17	Fashion Laboratory 1	LAN Network
18	Steno Office	LAN Network
19	Accounts Office	LAN Network

- **Licensed software**

We also have license for Microsoft Software, MSDN, Paper License for Microsoft Office.

List of Licensed Software in the College

Sr. No.	Licensed Software	No.
1.	Antivirus K7 Total Security	150
2.	MSDN Academic Alliance (AA) 7.0, Windows 7	1
3.	MS office 2000 (Paper License)	15
4.	Visual Studio 10	1
5.	Tally 7.2 Gold Multi user	1 (Multi User)
6.	MS Office 2010	25
7.	Windows NT Server	1
8.	Windows 7	200 Nodes
9.	OREL Digital language Lab	10+1
10.	License 3 user (Library Automation)	1

- **Number of nodes/computers with Internet facility**

All computer labs are equipped with internet facility. We have 7 dedicated internet connections in the college and all computer systems are equipped with K7 internet security Anti- Virus.



- Any other

We have Multi-Media lab equipped with 20 Computers, 1 Projector and e-Contents like: PDF, PPT and other Documents for the use of the students and staff.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- All computer labs are equipped with internet facility. We have 7 dedicated internet connections in the college and all computer systems are equipped with K7 internet security Anti-Virus.
- Offices of the college i.e., Principal's office, Registrar's office, General office, Account's Office are connected with Internet Facilities.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

All plans and strategies are adopted by the college in connection with IT infrastructure can be broadly divided in two parts:

- (a) We have a clearly defined policy for replacing outmoded equipment and also to install new equipment with latest configurations.
- (b) IT infrastructure which is regularly upgraded should be used for enhancing the quality and efficiency of delivery in the class room as well as outside the class room.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

S. No.	Name of the Assets	Price	Unit/ Quantity	Year of Purchase	Cost
1	P-II @ 333 MHz, 4 Gb HDD	65,250	1	1998	65,250
2	DMP Epson Printer	16,500	1	1998	16,500
3	P-II @ 266 MHz, 20 Gb HDD, 16 MB RAM	42,600	10	1998	426,000
4	P-III @ 650 Mhz, 20 Gb HDD	49,705	1	2000	49,705
5	P-III @ 650 Mhz, 10 Gb HDD, 64 MB RAM	46,274	10	2000	462,740



6	P-III @ 700 Mhz,10 Gb HDD, 128 MB RAM	48,899	5	2000	244,495
7	P-III @ 866 MHz, 20 GB HDD, 128 MB RAM	44,980	10	2001	449,800
8	HP Scanner	14,705	1	2001	14,705
9	P-III @1Ghz,20 Gb HDD	50,980	1	2001	50,980
10	Ceiling Fans 48"	1,070	4	2003	4,280
11	Ceiling Fans 48"	1,070	51	2003	54,570
12	Exhaust Fan	635	2	2003	1,270
13	AC (Samsung M-2004)	51,000	1	2004	51,000
14	16 Port Switches	3,850	4	2004	15,400
15	Digital Camera Kodak	7,000	1	2004	7,000
16	P-IV @ 2.6 Hz, 40Gb HDD, 256 MB RAM	25,600	6	2004	153,600
17	HP Laserjet 1010 Printer	9,100	1	2005	9,100
18	Exhaust Fan	750	3	2005	2,250
19	Celeron 2.4 Hz, 40 GB HDD, 256 MB RAM	18,000	24	2005	432,000
20	Ceiling Fans 48"	1,050	37	2005	38,850
21	P-IV @ 3.0 Ghz, 80Gb HDD Sata	53,651	1	2005	53,651
22	P-IV @ 2.4 Ghz, 40Gb HDD, 256 MB RAM	22,000	1	2005	22,000
23	AC (1.5 T Window M-2006)	14,700	3	2006	44,100
24	LX-Infiniti Pro, 40 GB HDD, 256 MB RAM	17,000	22	2006	374,000
25	16 Port Switches	3,100	3	2006	9,300
26	Wall Fans	1,350	8	2006	10,800
27	Sharp Notevision Projector	67,500	1	2006	67,500
28	Espso LQ 1050 Printer	33,333	1	2007	33,333
29	P-IV @ 3.4 Ghz, 512 MB RAM	25,000	20	2007	500,000
30	16 Port Switches	2,900	2	2008	5,800
31	Ceiling Fans 48"	1,050	24	2008	25,200
32	HP P1007 Laserjet Printer	5,400	1	2008	5,400
33	P-IV Core 2 Duo, 1 GB RAM, 160 GB HDD	19,218	20	2008	384,360
34	Sharp Notevision Projector	43,650	1	2009	43,650
35	P-Dual Core 2.4 Ghz, 2GB RAM, 160 GB HDD	19,760	25	2009	494,000
36	Ceiling Fans 48"	875	25	2009	21,875
37	AC (Electrolux 1.5 T)	10,500	7	2009	73,500
38	Cease Fire	3,210	4	2009	12,840
39	Water Cooler	23,297	1	2010	23,297
40	16 Port Switches	2,750	3	2010	8,250
41	Intel Dual Core 2.7 Ghz	18,500	25	2010	462,500
42	UPS-600 VA Power Mate	2,000	25	2010	50,000
43	Canon A3 Laserjet Printer	39,800	1	2011	39,800
44	Canon 2900B Laserjet Printer	5,700	4	2011	22,800
45	HP M 1213 NF Laserjet Printer	15,300	1	2011	15,300
46	Sharp Notevision Projector	33,345	1	2012	33,345
				Total	53,86,096

Sr. No.	Head	2010-11			2011-12			2012-13			2013-14		
		Repair	Assets	G.Total	Repair	Assets	G.Total	Repair	Assets	G.Total	Repair	Assets	G.Total
1	Computers	12560	580910	593470	5650	38880	44530	7050	193800	200850	67014	730800	797814



4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/learning materials by its staff and students?

- To facilitate on-line teaching learning, the institute has paid annual subscription for Internet resources.
- The institute has created a pool of e-resources and made it available intranet to staff and students.
- The infrastructure for computer aided teaching is made available in 6 IT Laboratories.
- Four projectors are available which can be installed in any class room wherever the need arise.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

The whole process of acquiring and augmenting IT infrastructure is done keeping in view the needs of the students. This infrastructure is provided for meeting the curriculum requirements of the students and also to enhance their independent learning through the use of e-resources, INFLIBNET, Internet etc.

Teaching faculty is continuously engaged in creating e-resources and help the students in making their knowledge both wide and deep through the provision of access to the latest developments in their respective subjects. The facility of wi-fi in the campus as well as INFLIBNET enables the teaching staff to search any information without any delay and incorporate in their class room teaching.



4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

The proposal for NKN (National Knowledge Network) connectivity is in pipeline. It is a platform provided by Central Govt. for high speed connectivity for sharing knowledge database.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

We are 47 years old institution and still growing due to the introduction of new courses as well as increase in enrollment in the existing courses. Due to this factor we need considerable amount of resources for both upkeep of the existing facilities and adding new one. Managing Committee of our college is fully conscious of this fact and is always willing to allocate necessary funds for this purpose. Following list shows the amount spent for maintenance and upkeep of these facilities during the last four years:

Sr. No.	Head	2010-11			2011-12			2012-13			2013-14		
		Repair	Assets	G.Total	Repair	Assets	G.Total	Repair	Assets	G.Total	Repair	Assets	G.Total
1	Building	1310253	89845	1400098	568710	-	568710	746040	3100787	3846827	336398	8816680	9153078
2	Furniture	100661	473832	574493	4700	52700	57400	55172	208513	263685	74666	317305	391971
3	Equipment	64876	1163008	1227884	162031	116271	278302	41302	397838	439140	140017	208808	348825
4	Computers	12560	580910	593470	5650	38880	44530	7050	193800	200850	67014	730800	797814
5	Vehicles	-	-		-	-	-	-	-	-	-	-	-
6	Any other	409119.05	-	409119.05	550277.11	-	550277.11	221066	-	221066	334970	-	334970
	Total	1897469.05	2307595	4205064.05	1291361.11	207851	1499219.11	1070630	3900938	4971568	953065	10073593	11026658



4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

- For campus beautification and maintenance of the college, Assets Supervisor is appointed.
- The college has appointed Security Guards to keep a constant vigil and ensure perfect discipline in the campus.
- An electrician has been appointed for the maintenance and upkeep of electric fitting and appliances.
- Various committees have been constituted for the maintenance & upkeep of college infrastructure. These committees recommend measures to be taken for the required maintenance on regular basis.
- Residential Facility is also made available to the Watch and Ward staff. 5 Staff quarters are provided to their families to ensure safety, security and cleanliness of the campus at all hours.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment / instruments?

We have well qualified technical staff to take care of the equipment and instruments. They are continuously engaged in the upkeep and maintenance of the equipment. The college has an arrangement with service providers who make periodic visit for keeping the equipment always ready to use.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The institute also ensures the upkeep and maintenance of sensitive equipment. For this purpose:

- An electrician has been appointed for the maintenance and upkeep of electric fitting and appliances.
- A soundless & eco-friendly Gen Sets are installed in the campus to provide uninterrupted power supply to the entire college.
- Stabilizers are also provided wherever necessary to check voltage fluctuations.
- For the upkeep and maintenance of sophisticated instruments (HPLC, GC, IR, Fluorescence and Atomic absorption spectrophotometer) in central Instrumentation lab, we have online U.P.S. of APC company installed for uninterrupted electricity supply.
- To ensure effective utilization and proper maintenance of computer labs, teacher in-charge for each lab is appointed. For his assistance SLAs, JLAs and the Lab Assistants are also appointed. They all work together to ensure that all students' requirements are met satisfactorily.
- Fire Extinguishers, Water Coolers and Filters, Computers, Cash Counting Machine, Photocopier, Generator Sets, Stabilizers, EPBX (Intercom), Air Conditioners etc. are also available in the campus.
- The College has Air Conditioned Computer Labs.



CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Prospectus and college website is a window through which an outsider can peep into the institution.

- Information is made available to students through college website and an Android based app which is available across various mobile platforms. Besides this the institution publishes its two prospectuses annually. One prospectus is for the courses under the self-finance scheme and second for other courses which is published in Vernacular language (Punjabi) along with English. Through these, students are apprised of the College, College Administration, Teaching Faculty, Courses Available, Fee Structure, Admission and Examination Schedule, University Merit holders, Student Support Services, Scholarships and Freeships, Admission Rules etc. College also publishes Brochure for different courses.
- The institution ensures its commitment and accountability by having feedback from parents, students and other stake holders. The traditions and values inculcated in the students during their years at the college are reflected in the fact that many generations of certain families have been the students in the college. This is also reflected in the large number of aspirants who wish to get admission in the institute every year in various streams.



5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

- The institute has students coming from different socio-economic background of the society, financial help is offered to those who are needy and deserving. Many students from our institute benefit from various types of scholarship programmes initiated by the state/centre governments and other philanthropic organisations. Many students who are merit holders in the university benefit from University merit scholarships. A large number of sportspersons also get full fee concession and freeships.

5.1.3 What percentage of students receive financial assistance from state government, central government and other national agencies?

- Travel concessions in the form of bus-passes are arranged for the out-station students. In 2013-14 total number of beneficiaries who availed this facility was 647, and the total benefits, for a single quarter, amounted to Rs. 32, 19, 143.
- During the session 2012-13 and 2013-14, six scholarships have been *availed* by our students, amounting to a total of Rs.50,000/- under the scheme of Post Matric Scholarships for Minority Community Students.
- In the academic session 2013-14 twelve claims have been made for the Post Matric Scholarships for SC students. Six renewal cases have been sent for Post Matric Scholarships for SC students.
- Four cases have been sent under the Post Matric Scholarship for OBC students.
- Twenty Seven cases have been *put up* under the scheme of Post Matric Scholarships for students belonging to Minority Communities.



- Six cases have been sent to Punjabi University under Merit Scholarship Scheme.
- During the year 2012-13, five scholarships were disbursed to the students including four State Merit Holders [Two scholarships @ Rs. 900/-, two @ Rs. 825/- and one scholarship @ Rs. 1800/- was given by Guru Harkishan Society].
- During the year 2013-14, three scholarships were received under State Merit Scholarship Scheme and were disbursed.
- Two NGOs are helping the needy students (Commerce stream):
 - (i) Chavvi Jindal Scholarship Scheme [fee for 5 students]
 - (ii) Maha Kali Charitable Trust (Regd) Patiala [fee for 5 students]
- Another philanthropic body - Sarbat Da Bhala - has announced one hundred (100) scholarships to needy and the deserving students at the rate of 10,000/- per scholarship per annum from the session 2014-15 onwards.
- During the last four years, fee concessions were given to the needy and the deserving students of the Regular Courses by the college. The details are:

Session	No. of Students	Amount (in Rs.)
2009 - 10	17	44, 440
2010 - 11	20	66, 930
2011 - 12	26	77, 250
2012 - 13	23	75, 780
2013 - 14	40	1, 31, 420



- Fee concession was also given to the students in the Self Finance Courses:

Session	No. of Students	Amount (in Rs.)
2009 - 10	3	32, 500
2010 - 11	3	25, 000
2011 - 12	7	65, 000
2012 - 13	8	77, 500
2013 - 14	11	1, 02, 500

5.1.4 What are the specific support services/facilities available for:

- ✓ Students from SC/ST, OBC and economically weaker sections
- ✓ Students with physical disabilities
- ✓ Overseas students
- ✓ Students to participate in various competitions/National and International
- ✓ Medical assistance to students: health centre, health insurance etc.
- ✓ Organizing coaching classes for competitive exams
- ✓ Skill development (spoken English, computer literacy, etc.,)
- ✓ Support for “slow learners”
- ✓ Exposures of students to other institution of higher learning/ corporate/business house etc.
- ✓ Publication of student magazines
- The institute made central scholarships and freeship schemes available to eligible students of SC/ST, OBC and economically weaker sections. Besides scholarships, a certain number of seats are also reserved while admitting students to various courses under these categories as per the State government norms.



- The ground floor of the college building is easily accessible to the physically disabled as both the main entrances to the college campus have ramps. They are also provided with a separate room with attached washroom to meet their special needs. As the main library is on the first floor and difficult to access by physically disabled, they are accommodated in the library of HR Modi IT Block which is at the ground floor. Books and journals from the main library are made available to them as per their requirement. The accessibility to books and journals is also easy as both the libraries are connected through LAN.
- T.A.-D.A. and refreshment to the students participating in competitions is provided by the college.

Students who participate in various competitions at national and international levels whether in sports or any other competition are specifically accommodated while conducting house examinations. They are also helped by their teachers to meet their curricular demands by giving them special time for studies. Sportspersons of National and International stature are also facilitated by arranging accommodation as well as by extending financial help. One additional seat per course is also given to the students who excel in co-curricular activities. Five additional seats per course are given to outstanding sportspersons on the recommendation of Director of Sports, Punjabi University, Patiala.

- College has a dispensary and Dr. Kewal Krishan, M.B.B.S., M.D. is our visiting physician. Medical assistance is provided to students on regular basis and also in case of emergency. Health check-up camps are also organised by the visiting physician in collaboration with the department of Bio-sciences.



- Institute prepares its students for competitive exams through its Finishing School Programme which organizes workshops, conferences and seminars to enhance their knowledge and skills. It also offers certified Add-on Courses in Communication Skills, Journalism and Mass Communication and Computerised Accounting. The Finishing School, under Soft Skills Education Programme, offers a 60 Hours course in Communication Skills (Verbal, Non-Verbal and Written), Higher Order Thinking (Critical Thinking, Problem Solving and Decision Making) and Workability (Workability Attitudes: Demonstrating Care and Kindness, Code of Ethics, Positive Attitude, Encouraging Creativity and Sharing Responsibility and Workability Skills: Job Searching Skills, Resume Writing, Facing Interview and Job Maintenance).
- The institute organises evening and Sunday classes in collaboration with Institute of Cost Accountants of India (ICAI) Patiala Chapter.
- The institute offers special certified training course of 60 Hours internship programme for the PG Students. For details, refer to Annexure-X.
- Low achievers/slow learners are identified on the basis of MSTs and they are subjected to remedial coaching for one week before the commencement of semester examination.
- The college has a General Studies Circle which serves as a platform where students discuss current socio-economic and political issues and other topics which generally form an important part of a competitive exam.
- Hands-on experience is provided to B.Sc. III and M.Sc. students on the latest instruments in Central Instrumentation Laboratory, Chemistry Research Laboratory, Biotechnology and Computer Laboratories.



- Students of Commerce stream and Fashion Technology are provided first hand knowledge in their respective fields by organizing training sessions with C.A.s and other professionals in industries.
- Industrial trips are also organised by various departments viz. Bio-Technology, Chemistry, Botany, Fashion Designing, Bioinformatics and Tour and Travel Management to provide the students with the latest know-how in their respective fields. Refer to Annexure – V(a) for details.
- The institute publishes its magazine 'The Luminary' annually. Students enthusiastically contribute their writings for the magazine. Student Editors assist the Chief Editor of the magazine in its preparation and publication.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The institute offers ample opportunities to students to promote their entrepreneurial skills and other abilities to the fullest. Students are encouraged to participate in various workshops, mock interview sessions, and personality development programmes etc. under the aegis of Finishing School Programme. Various industrial trips are arranged to acquaint them with the new developments in their respective field of studies.

- During the session 2008-09
 - A seminar on job-opportunities in Indian Airforce was organized in January 2009.
 - A workshop on Communication Skills Development (from January 29 to February 25, 2009) was conducted to improve the



verbal skills of students and to improve their employability in the job-sector.

- During session 2009 -10
 - A seminar on “Ethics of Hacking” was conducted by world renowned hacker Ankit Fadia who gave tips to the students to secure data on the internet (July 2009).
 - A seminar on 'Job Opportunities in Networking and System Administration' was organized in Sept. 2009.
 - A workshop was conducted by Bharat Jain in October 2009 to train the students to face interview in a more relaxed and confident manner.
 - A seminar was organized in the college campus to provide awareness to students on how to enter IT field successfully in reputed institutes during the month of Feb 2010.
- During the session 2010-11
 - A seminar was organized to acquaint the students with various aspects of growth in the I.T. Sector.
 - A seminar on Global Competitiveness was organized on November 13, 2010.
- During the session 2011-12
 - A two-day workshop on Personality Development and Lifestyle Education was organized on November 13-14, 2011 by Dr. S.M. Kant, Director CYCD.
 - A workshop on Communication Skills and Mental Ability and reasoning was organized to improve the skills of the students.



- During the session 2012–13
 - A lecture was organized by the Department of Business Management and Placement Cell on the topic 'Intellectual Property Rights' (September 10, 2012). It was designed specifically to make students aware about intellectual property laws that establish protection over intangible property.
 - A workshop on 'Vedic Mathematics' was organised on March 4, 2013 by Mr. Sudhir Grover to sharpen mathematical skills of the students.
 - Department of Business Management and Placement Cell organized a Power Point Presentation Contest on March 4, 2013.
- During the session 2013–14
 - Department of Computer Science organized a two days workshop on Android Application Development in collaboration with IIT Roorkee (28 Feb. – 1 March, 2014)
 - Placement and counseling cell of the college organized a workshop on Resume Writing and Interview Skills in collaboration with Career Launcher on 4th March, 2014.
 - A seminar on career counseling was organized by placement and counseling cell on 21st March, 2014. Mr. Ashish Mahajan of AMCAT, Gurgaon was the resource person.

IMPACT: The activities mentioned above provided opportunities to the students to enhance their competence and their ability to present themselves before the interviewers. Following table mirrors the impact of these activities on the number of campus placements in various companies:



Session	No. of Selections/Placements
2008 - 09	98
2009 - 10	99
2010 - 11	122
2011 - 12	100
2012 - 13	118
2013 - 14	112

- During the last 5 years, many national and multinational companies selected our students for placement. List of companies which have visited our campus for placements and have actually selected our students is given here:

SBI Life Insurance, Apex, IBM Daksh, Big 92.7 FM, WIPRO BPO, DE Tv, WNS Global Services Pvt. Ltd., Godrej, Genpact, Wipro Info Tech etc. are some of the names to be quoted here.

They selected 10 students from Humanities, 10 from commerce, 10 from Science, 36 from Computers and 32 from Management (Total 98 students).

- During 2009-10 about fifteen (15) renowned companies selected our students. Out of these, 5 companies visited the campus (Wipro BPO, IBM Daksh, Geojit BNP Paribas, HDFCSL and WNS Global Services). They selected 34 students from commerce, 11 from Science, 51 from Computers and 3 from Management. (Total 99 students)
- During session 2010-11 various companies of fame selected/shortlisted 8 students from Humanities, 30 from Commerce, 11 from Science, 38 from Computers and 35 from Management. In all 10 companies made these selections. About 5 companies visited the campus and selected the students (IBM



Daksh, Wipro BPO, HCL BPO, Portek Corp. Noida and Jointly with CGC by TCS). (Total 122 students).

- During the session 2011–12 various recruitment sessions by many national and multinational firms were held in the college campus as well as in other institutions where 5 students from Humanities, 20 from Commerce, 5 from Science, 61 from Computer Science and 9 from Management stream were selected/shortlisted. (Total 100 students).
- In 2012–13 session 27 students from Commerce, 1 from Science, 63 from Computer Science and 28 from Management stream were shortlisted / selected by the companies of national and international fame. (Total 118 students).
- In 2013–14 session 68 students from Commerce, 30 from Computer Science and 14 from Management stream were shortlisted / selected by the companies of national and international fame. (Total 112 students).

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- * additional academic support, flexibility in examinations
- * special dietary requirements, sports uniform and materials
- * any other
- The institute encourages and promotes students' participation in extracurricular and co-curricular activities by providing them incentives such as offering fee concessions, travelling allowances, diets and refreshments, scholarships etc.
- In the field of sports, the college has achieved great heights mainly by boosting the morale of its sportspersons through positive policies.



- At present Punjabi University Patiala and Punjab Sports Department have allotted our college sports wings in 13 disciplines viz. Judo (M & W), Cycling (M& W), Gymnastics (M), Boxing (M& W), Taekwondo (M & W), Archery (M), Weight-Lifting (M), Lawn Tennis (M), Fencing (W).
- The college has a policy of distributing cash prizes to its outstanding sportspersons (National and Inter-national medal winners). In the session 2013-14, the college provided cash prizes worth Rs. 1,29,000/- to its outstanding sportspersons.
- It provides full incentives to deserving sportspersons by offering fee concessions to all the sportspersons.
- During their stay in training camps or competitions, college provides allowances for their diet at the rate prescribed by Punjabi University, Patiala.
- The college also pays travelling allowance to its sportspersons when they go for camps and competitions.
- Expert coaches are arranged to train the non-wing students.
- Wing students receive diets from their respective institutes and some sports students even have boarding, lodging facilities in the hostels of Sports Authority of India (SAI).

Statement for Total Diet Amount to Wing Students during last four years:

Year	No. of Students	Amount (in Rs.)
2010 - 11	50	11, 81, 100
2011 - 12	53	10, 56, 640
2012 - 13	51	11, 53, 560
2013 - 14	56	12, 95, 840



- Players are provided sports kits (Team Jerseys and Track Suits) every year.
- Our students also participate in traditional sports competitions and folk art competition during Folk Festival organized by Punjabi University, Patiala.
- Sportspersons are also provided with sports consumable materials like balls, shuttles, rackets, nets etc.
- First-aid facilities to participants are provided during practice and participation.
- Participants who miss their house examinations due to various camps and competitions are given special chances to fulfill their basic requirements. College conducts special examinations for these students. The University also has a provision of flexible schedule for conducting examinations for the students who participate in these competitions during the normal university examinations. In this session two of our International players – Pooja Chaudhury and Karan Kaila and NCC Cadet Gurparkash Singh – availed this facility.
- Study Tutorials/camps are organised for the sportspersons to meet their academic needs.
- Besides sports activities, students are also encouraged to participate in other co-curricular activities like quiz competitions, youth festivals, inter and intra-college debate, declamation and Group Discussion competitions etc.
- Students are encouraged to participate in such activities by the teachers and the authorities by providing full support to meet their academic requirements through special classes.



- The offices of the Dean, Co-curricular Activities and Dean, Sports work as liaison offices to facilitate the participation of students in these activities.
- The institute provides refreshment @ Rs.35/- per day per student during rehearsals and competitions and provides arrangement for travelling.
- The students who have special dress/uniform requirements for these competitions or need support material are also provided with by the institute.
- The college organises a Talent Hunt Competition on annual basis to search for the students who will prepare for participation in Youth Festivals and other competitions. In this function the college organizes competitions in these items:
 - Literary and Academic Competitions: Elocution, Quiz, Debate, Essay Writing, Poetry Recitation.
 - Fine Arts Competitions: Rangoli, Collage Making, Cartoon Making, Mehindi, Photography, Embroidery, On-the-spot Painting, Clay Modelling and Poster Making.
 - Theatre: Plays, Skits and Mime
 - Dances: Giddha, Bhangra, Classical and Western dances.
 - Music items: Group Shabad, Group Song, Light Vocal, Folk Song, Vaar Gayan, Western Group/Solo Song.

Winners and participants are suitably awarded and encouraged. Teachers-in-charge spot the talent in the participants through such competitions and hone their skills and let them bloom to see the best of their ability.



5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT /Central /State services, Defense, Civil Services, etc.

- Institute provides guidance and support to students preparing for competitive examinations through various activities organized under the banner of Finishing School and General Studies Circle. It equips the students with verbal and analytical abilities; it also polishes their communication skills which increases their performance in interviews etc.
- Teachers of various faculties personally encourage and guide students for UGC-NET exams and Civil Services Examinations.
- Students are prepared for defence services through various activities carried out by the NCC wing.

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The college has an Admission Guidance Cell which handles all the queries from parents and students regarding course options offered by the college and guide them to choose the right options.

- The college organizes an orientation week for the students to acquaint them with the new environment, academic and co-academic calendar and various clubs and societies and their activities.
- The college also has Career Counseling and Placement Cell which guides the students about various career opportunities.
- Special counseling is provided to the students for their Psycho-Social adjustment by our teachers of psychology department.



5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

The Institute for the past many years is conducting various activities for career guidance and placement

- Under the supervision of Career Counselling and Placement Cell of the College many companies of national and international fame visit the campus to select / shortlist students from all streams on annual basis. Students of our institute are also selected through the in-campus placements of other institutes also.

Session	No. of Selections/Placements
2008 - 09	98
2009 - 10	99
2010 - 11	122
2011 - 12	100
2012 - 13	118
2013 - 14	112

For details, refer 5.1.5.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Though the institute does not have a grievance redressal cell, but the posts of Dean, Students' Welfare (Boys and Girls separately) do exist. Students can approach them for their grievances redressal. The analysis of the feedback received also point towards the needs of students. In the last four years no grievance has been reported, but the needs analysed from feedback have been met. Some of them are as follows:



- New furniture was added, washrooms were renovated and canteen facility was provided for girls in their common room.
- Parking areas for girls and the staff are earmarked.
- Flooring of the entire parking area is laid with multi-coloured interlocking tiles.
- Wi-fi facility is provided in the campus.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

- A suitable system in the form of Women Cell is in place in case of any incident pertaining to harassment of a girl student or women employee. So far, no such incident has been reported from the college.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- Institute aims to provide safe, healthy and secure environment to the students. Ragging of new students is strictly banned. Provision has been made to deal with any student found indulging in such activities. Students are made aware of the fact that if they indulge in such activities they will be strictly punished. Anti-Ragging Cell and offices of the Dean, Students' Welfare (Boys and Girls) take care of such incidents or complaints reported in the college.
- New students get the phone numbers of Teacher-in-charge of Anti Ragging Cell and Dean, Students' Welfare (Boys and Girls) from the prospectus and they can contact them in case need arises. These phone numbers are also displayed at various places in the campus. Due to these measures no incident of ragging has been reported in the college campus so far.



5.1.13 Enumerate the welfare schemes made available to students by the institution.

- Institute provides financial support to deserving students through:
 - Central and State Govt. Scholarships/stipends for SC, ST, OBC, Minority Communities, Single Girl Child and Merit Holder Students.
 - NGOs
 - College
 - Staff

For details, refer to 5.1.3.

- During 2013-14, a student suffering from Thalassemia was provided financial help by the college in consultation with Red Cross Society.
- Teachers provide books to the needy students.
- College ensures the availability of canteen facilities, clean drinking water, common rooms, and comfortable class rooms for the students.
- College has a dispensary to take care of the health issues of the students. It is under the supervision of a well-qualified doctor.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

The institute has Alumni Association, which contributes to the welfare of the college.

- Annual meetings of the Alumni Association are held on regular basis.
- Members of the Association take keen interest in the welfare programme for the students initiated by the college.
- Many members of the Association are involved in extension services organized by the college and contribute to great extent in this initiative.



- The Association in the year 2010–11 contributed in relaying of carpeted road within the college campus at a cost of approximately Rs. 2 Lacs.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	%
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Employed	-
- Campus selection	
- Other than campus recruitment	

Academic performance of a student is always judged by making a comparison with either his peer fellows or with the collective performance of the University. When this basis is applied for evaluating the performance of our college, we stand alone in this comparison. Pass percentage of our students, both classwise as well as course wise, is always higher than the pass percentage of Punjabi University, Patiala. In some courses, pass percentage is equal to 100%. Further, analysis of the results shows that the pass percentage of students is improving when they move from 1st year to 2nd year and from 2nd year to 3rd year. As they progress in the course they improve their performance.

Moving to University Merit Positions, table provided here shows that our students have always bagged lion's share in the total university merit positions. The table also shows that our students have done



wonders not only by placing themselves in merit positions, they have topped in their respective fields and this thing is evident from the number of Gold Medals and the Chancellor's Medal of Excellence they have received. There can be no other basis to justify the fact that our students are performing better than the students of whole of the University in the field of academics. When pass percentage of the students of our college is higher than average pass percentage of the university, number of merit positions of our college is considerable; we can safely presume that the number of our students moving to higher education must be very high.

University Merit Positions our students bagged during the last 4 years:

Sr. No.	Session	Gold Medals	Total University Merit Positions
1.	2012-13	4	30
2.	2011-12	4*	45
3.	2010-11	4	32
4.	2009-10	4	23

****Including 1 CHANCELLOR'S MEDAL OF EXCELLENCE.***

For details, refer to Tables and Graphs in Annexure – II and XII.

Good placement is the pleasant end of an academic career. This fact is always central to our initiatives taken for improving the classroom transactions. Our efforts to see that students perform better in the university examinations, to prepare them for competitive examinations as well as for interviews, can be judged from the number of placements as given in 5.1.5 and Annexure-III.



5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

A cursory look at the table showing the comparison of pass percentage of our college with the average pass percentage of the university (refer to Annexure-II) as well as number of merit positions and gold medals (refer to Annexure-XII) bagged by our students reveals that the performance of our students in comparison with other institutions of the university has always been far better. Pass percentage of our college is significantly higher than the pass percentage of the university, leaving no doubt about the quality of our students in comparison to others.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

- Institute aims at providing quality education to its students and also tries to ensure their overall personality development by encouraging them to participate in various activities both academic and co-academic.
- Our college has started 7 PG Courses during the last 7 years. These courses provide an opportunity to our under-graduate students to move to post-graduate courses. Our hope is not belied because the proportion of our students in these courses is quite considerable.
- They are also guided about higher education opportunities through Career Counseling and Placement Cell and also trained to do well in competitive examinations and interviews (for details, refer 5.1.5).

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The under-achiever students and participants of co-curricular



activities, who miss their MSTs and have lecture shortage, are usually at risk of failure or drop out. Under-achievers are identified from the marks they obtain in MSTs. Needs of such students are addressed in two ways, one by organizing special classes, study tutorials to overcome their weaknesses and two by conducting special MSTs for such students.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and programme calendar.

- Our college offers wide range of sports, games, cultural and other extra curricular activities. College has sports wings in 13 disciplines allotted by Punjabi University, Patiala and Punjab sports Department.

These Disciplines are:

- | | |
|----------------------|------------------------|
| 1. Judo (Men) | 8. Tae-Kwon-do (Women) |
| 2. Judo (Women) | 9. Archery (M) |
| 3. Cycling (Men) | 10. Weight Lifting (M) |
| 4. Cycling (Women) | 11. Lawn Tennis (M) |
| 5. Boxing (Men) | 12. Gymnastics (M) |
| 6. Boxing (Women) | 13. Fencing (Women) |
| 7. Tae-Kwon-do (Men) | |

Besides these, the college also offers coaching facilities to students through MOUs in the discipline of Swimming, Table Tennis, Badminton, Gymnastics, Judo, Body Building, Rifle Shooting, Korf Ball etc. MOUs have been signed with different sports authorities viz. NIS, SAI, Punjab Sports Department and Punjabi University, Patiala.



- Cultural roots are an important determinant for the personality traits of people of the region. This truth is equally relevant for the people of Malwa region in this part of the Punjab. We, therefore, always make sure that our students understand their cultural backgrounds and provide them opportunities to participate in these activities to the maximum possible extent. Our students participate in the following cultural and extra-curricular activities at various levels of competitions:
 - Literary and Academic Competitions: Elocution, Quiz, Debate, Essay Writing, Poetry Recitation.
 - Fine Arts Competitions: Rangoli, Collage Making, Cartoon Making, Mehendi, Photography, Embroidery, On-the-spot painting, Clay Modeling and poster making.
 - Theatre: Plays, Skits and Mime
 - Dances: Giddha, Bhangra, Classical and Western dances.
 - Music items: Group Shabad, Group Song, Light Vocal, Folk Song, Vaar Gayan, Western Group/Solo Song.
 - Vanishing folk arts: Kavishri, Paranda/Nala Making, Traditional Songs, Innu Making, Basket Making etc.
 - Traditional Games: Tug-of-War, Rassi-Tapana, Pitthu-Garam, Bandar-Killa, Loon-Mayani, Addi-Tappa etc.
- NCC and NSS are other integral parts of our extracurricular activities. We have NCC Army Wings for Boys and Girls and three units of NSS.

We follow Punjabi University, Patiala calendar for Sports activities and Cultural activities. For NCC activities calendar is drawn by Battalion HQ. College coacademic calendar is also followed for other activities.



5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/State/Zonal/ National/International, etc. for the previous four years.

As detailed in 5.3.1, our college provides avenues to the students to prepare themselves for various competitions in co-curricular and extra-curricular activities. They have won laurels for the college during these competitions.

Highlights of achievements of our students in cocurricular activities for previous four years are provided here:

Session	National	University	Zonal	Inter-College
2013-14	-	5	10	14
2012-13	5	2	13	7
2011-12	5	7	11	12
2010-11	3	5	11	7

Our NCC cadets and NSS volunteers have also participated and excelled in their respective activities at national level (For details, refer 3.6.2 and Annexure-XI).

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- A special committee of faculty members collects feedback from its outgoing students and their parents on various aspects with the help of specially designed Feedback Performa (Feedback Performa for Students/Alumni, Feedback Performa for Parents and Feedback Performa for Employers/Industries during training session). Proper steps are taken by the college administration to improve the shortcomings if any. Through these performas, information is collected from the outgoing students at the time of farewell, from the



parents at the time of Annual Function, from the Alumni at the time of Alumni Meet/Annual Function, from Employer/Industry through Placement Cell. Feedback from the faculty is collected during the staff meetings held in the beginning and at the end of the session.

- Feedback collected from all the stakeholders is analyzed by the concerned teachers and the outcome of the analysis is put up for discussion in the Academic Council meeting. Action for improvement is designed based on the opinion formed in the meetings.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/materials brought out by the students during the previous four academic sessions.

- College publishes its magazine - The Luminary - annually. Students are encouraged to contribute to the magazine and they respond enthusiastically. It provides fillip to their creative instincts and their linguistic ability to express their ideas both in poetic and prose genre. The magazine has seven sections mainly comprising of News Section, Punjabi Section, English Section, Hindi Section, Commerce Section, Science Section, Computer Science Section. Each section has a Teacher Editor and Student Editor.
- Wall magazines maintained by various departments is another important activity where students contribute throughout the year. These wall magazines are maintained by the students. The student editors under the guidance of their teachers display information related to the latest development in their respective subjects.

The college has 14 departmental societies each maintaining a wall magazine to showcase its activities. For detail, refer to Annexure IX-F.



5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

As per Punjab State Government policy, student council or similar body can not be elected in the college, however the presence of various Departmental Societies and Clubs ensure student representation in the functioning of the college. Their concerns are communicated to the college authorities through these societies and clubs.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

In the absence of elected body of the students, they have following positions through which their concerns, opinions and ideas can be conveyed to the college administration.

- The college has 14 Departmental Societies where students of respective departments participate in their activities. These activities are organized by the staff and students of these departments.
- Students also act as student editors which forms the Editorial board of the college magazine. They help the teacher editor in making selection of articles to be published in their respective sections.
- Our college has four clubs – Eco Club, Heritage Society, General Study Circle and Photography Club. These clubs are open to the students of all faculties which provide platform for the blooming of their latent talent.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

The institution networks and collaborates with the Alumni and former faculty of the institution through meetings and functions:

- Regular meeting of the Alumni Association is held.



- Alumni are invited on all the important college functions.
- Former faculty members are also invited on these functions.
- Publications of the college are provided to the former faculty as well as Alumni.
- Retired staff members are allowed to remain members of the library and they can borrow books and magazines from the college library.

These are some of the activities which keep its alumni and retired staff members in touch with the college.

List of Eminent Alumni of the College	
1	Ajat Shatru Kapoor, Leading Plastic Surgeon (98141-29284)
2	Ajit Sood, Leading Gastroenterologist, Professor and Head, DMC, Ludhiana (0161-2301749, 98154-44139), ajitsood10@sify.com
3	Amrit Kaur Shergill, PCS, Former Secretary, Punjab Public Service Commission (Athlete, Flying Queen of Punjab) (98724-02604)
4	Angel Rajan Singh, Assistant Professor, Dept. of Hospital Administration, AIIMS, New Delhi (9582222521, 9968953731)
5	Anil Kumar Gupta, IRS, Commissioner, Chandigarh (0172-2748370, 2155500, 2645959)
6	Anirudh Tiwari, IAS, Secretary, Power, Punjab (9646200052)
7	Apurva Kalia, Vice President, R&D at Cadence Design, studied at Michigan Technology, University. (0120-3984000) FAX 0120-3984203
8	Archna Kamboj, PCS, Secretary District Legal Services Authority (75080-00288, 01639-251477)
9	Arun Chopra, Leading Cardiologist, Amritsar (0183-3012222, 2573555)
10	Arun Goyal, IAS, Principal Secretary (Power), Pb. Govt. Mini Sec., Sec. 9, Chandigarh (0172-2743541)



11	Arun Thapar, Doctor at Ludhiana (0161-2405408)
12	Ashok Thapar, Bhakhra Management Board, Chandigarh (0172-2548542) ashok.thapar@hotmail.com
13	Atul Schdev, Director Principal, Chandigarh Medical College, Chandigarh (0172-2676037 EXT 4321, 9646121553)
14	Avinash Singh, Former Pro VC, University of Technology and Management, Shilong (09811302802).
15	Balwinder Singh Jammu, Principal Corresponant, Punjabi Tribune, Chandigarh (98147-36929)
16	Bhaavna Arora, Author/Novelist/Poet/Blogger
17	Bhupesh Aggarwal, Former Chairman, Improvement Trust, Nabha (98764-26267)
18	Daljeet Inder Brar, Former Principal, Govt. Mohindra College, Patiala (Sports Person, Gymnast) (99882-99952)
19	Dinkar Gupta, IPS, ADGP (88722-00005), 2743337, PBX - 2205 Fax No. 2741699
20	Gaurav Sood, Managing Director at Solairedirect Energy India Pvt. Ltd , Pune -(020-6510 8832, 6686 4700)
21	Girija Shankar of Dhritrashtra Fame in Mahabhartta TV Serial (BR Films)
22	Gurcharan Singh Channi, Chairman, Chandigarh Sangeet Natak Academy. (0172-23387246,47,48)
23	Gurdev Singh Ghuman, IAS, DPI (Colleges), Punjab (97812-00003)
24	Gurpal Singh Chahal, PCS, SDM, Patiala (0175- 2311319)
25	Gurpreet Singh, MCH, Leading Surgeon at Patiala (9818099047)
26	Hargobinder Dhaliwal, IPS, DCP South. (011-26512986, 26857726) (Off.)
27	Harish Malhotra, MD, PCMS (drharishmalhotra@yahoo.com)



28	Harjeet Kaur, PCS, ADC, Fatehgarh Sahib (232216, 232186)
29	Indu Malhotra, IAS, Commissioner, Patiala Municipal Corporation, Patiala (0175-2212031)
30	Jatinder Sidana, Leading Skin Specialist at Patiala (0175-2217648)
31	K. S. Grewal, Member, Punjab State Power Corporation, Patiala
32	Karanbir Singh Sidhu, IAS, Additional Secretary Govt. of India (09888368060) (Science Stream, Sportsperson - Cyclist).
33	Kawaljeet Singh, Director, Computer Centre, Punjabi University, Patiala (98155-81403, 99150-99577)
34	Krishan Kumar Sharma, Ex Chairman, Improvement Trust, Patiala. (98142-21513)
35	Krishan Kumar, Director, Satyam Hospital, Ludhiana (0161-5047379, 9988111541)
36	Kuldeep Singh, Former Principal, Khalsa College, Sec. 26, Chandigarh
37	Kultej Singh, Former Income Tax Commissioner (Sports Person, Badminton)
38	Lakha Singh Toor, Additional Director, Social Welfare, Punjab
39	Lalit Mohan Gulati, Leading Advocate, Chandigarh (9855408187).
40	Lalit Singla, Businessman, Ganpati Jewellers Chain (0172-2737051, 98143-29109) lalitmiba@yahoo.com
41	Madhukar Gupta, IAS, Divisional Commissioner, Jaipur, Vice Chancellor, Rajasthan University.
42	Mandeep Dhillon, Professor and Head, Orthopaedics, PGI (0172-2756740)
43	Manmeet Singh Dhillon, DSP, Punjab Police, Chandigarh
44	Manoj Kaushik, IPS, SP, Hazari Bagh, Jharkhand (094317-06297) Tel.: 66546-22777
45	Mrinal Sharma, Orthopaedician, Apollo Hospital, New Delhi. 0120-4288883/890



46	Naresh Bassi, Running Leading Bassi Hospitals at Ludhiana 0161-4633160, 98140-32732
47	Navin Singla, IPS, Police Commissioner, Punjab 0181-2240431-32, 95929-18509-10
48	Navneet Nishan, TV Artist, Fame 'Tara' TV Serial
49	Neeru Kamboj, Addl Civil Judge, Assandh (98155-99729) 01749-277291
50	Palwinder Singh Cheema, Wrestler, Rustam-e-Hind
51	Pawan Kumar Singla, Controller (Examinations), Punjabi University, Patiala (95010-10711)
52	Prem Khosla, Professor and Head, Pharmacology, Subharti Medical College (0121-2439056, 3058034, 2439127), khoslapp@yahoo.com
53	Pritha Mittal, Leading Software Engineer in USA
54	Pushpinder Singh Gill, Head of the MBA Department, Punjabi University, Patiala (0175-3046206)
55	Rajeev Aggarwal, Former Professor, Orthopaedics, Govt. Medical College, Patiala (0175-2212054)
56	Rajeev Narula, Leading Income Tax Practitioner
57	Rakesh Kumar, PCS (rakesh.kumar@punjab.gov.in)
58	Rohini Handa, Leading World Authority on Rheumatology, Former Professor at AIIMS. (09810532843, 99717-76089, 011-42657606)
59	S. S. Parmar (Brigadier) (Retd.) (09464252994)
60	Sabharwal Arvind, Professor of Physics, Khalsa College, Patiala
61	Sachin Walia, Professor, Opthalomology, Govt. Medical College, Patiala
62	Sanjay Mathur, MS, ENT, Govt. Medical College, Patiala
63	Sangeeta Sharma, Leading Paediatrician, New Delhi. 011-26968871, 26528496
64	Sanjeev Handa, Professor, Skin, PGI, Chandigarh (0172-2756564)



65	Sanjeev Modi, Modi Industries, Patiala
66	Sanjeev Sharma, Leading Cardiologist in USA (661) 458-9537
67	Shamsher Singh Boparai, AIG/Counter Intelligence, Punjab (Sports Person, Volleyball) (0175-220662)
68	Shekhar Gurera, Editorial Cartoonist in Jagbani News paper, Gurgaon (092132-12628)
69	Simmi Wariach, Leading Psychiatrist, Chandigarh (0172 4692200)
70	Suruchi Chopra, Radiologist, Amritsar (0183-3012222)
71	Swami Nalinanand Giri, Religious Guru (Commerce Stream)
72	Tarun Modi, Vice Chairman, Modi Education Society, Patiala
73	Tarun Sabharwal, Assistant Professor, University of Kansas, USA (785) 864-2847 sabarwal@ku.edu, www.people.ku.edu/~sabarwal
74	Vijay Inder Singla, Ex-MP, Sangrur (0175-2320999, 9013180244)
75	Vijay Sharda, MS, Rajindra Hospital, Patiala 0175-2212055 (Professor & Head surgery)
76	Vikas Partap, IAS, Punjab Govt., Chandigarh. [0172-2701214 (O), 98166-33500]
77	Vikram Gupta, Leading Plastic Surgeon, Amritsar (98141-09644)
78	Vinay Jindal, MD, Leading Cardiologist, Faridabad (98110-87761)
79	Vinod Goel, Additional Session Judge, Patiala
80	Vinod Kapoor, Director, Dental Wing, Gian Sagar Hospital, Banur (01762-520011,ext 1412, 92167-71719)
81	Vishal Chopra, MD, Chest Specialist, Govt. Rajindra Hospital and Medical College, Patiala (0175-2309100, 9814146788)



CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

Governance, Leadership and Management

This prestigious institution is situated in Patiala which is not only the cultural capital of Punjab but is proud of being an educational hub where one can find Punjabi University, Engineering institutions, Medical College, Ayurvedic College, Sanskrit College, Education College, Sports Institute, Law University and above all one of the oldest colleges of north India. Our college was established in 1966 by one of the big 20 Industrial Houses of the country. Padam Bhushan Rai Bahadur Seth Gujjar Mal Modi, one of our founding fathers and a great visionary, founded this college in the cherished memory of his illustrious father Rai Bahadur Seth Multani Mal Modi. This industrial house established this college to serve not only Patialvis but the people of entire Malwa region of the Punjab. Their vision and mission has very distinctive combination of providing education to the youth of the region so that they are competent not only to serve the nation in different capacities, but also serve the society as good human-beings. Another important dimension in their vision was to provide an environment where our students build their skills and polish their entrepreneurial capabilities. They get quality education in an environment which enables them to develop their capabilities and use them for nation building.

Patiala city has very distinctive features and those features are responsible to a large extent in the performance of our college. This city has state Head Quarters of various institutions such as State Bank of Patiala, Punjab State Electricity Board, PWD, Public Health Department, Punjab Language Department, Punjab Public Service



Commission, National Institute of Sports, State Archives, North Zone Cultural Centre etc. The officials working in these institutions are well aware of the latest happenings in the field of education and are equally concerned about the future of their children. This makes the academic environment of the city both modern and competitive. Our college has always lived up to their expectations. Since Patiala is a royal city, it has its own cultural values and traditions. Our college provides an environment through various societies which makes the students aware of their heritage and promote their cultural traditions and values.

Both, national and international economic scenario is undergoing drastic changes largely due to the impact of fast pace of globalization. The role of service sector and industry is increasing day by day. Indian economy is no more an agrarian one. This paradigm shift in the character of Indian economy has forced the academicians to think afresh and redesign the entire education system. To make it sync with the societal needs, curriculum of existing courses is updated and new innovative courses are introduced so that professional competence of the students can match with the needs of the industry and the Service Sector. In the recent past our college has introduced BCom (Professional), BSc (Biotechnology), BSc (Bioinformatics), BSc (Computer Science), BSc (MCM), BSc (Fashion Technology), BCA, BBA, PGDCA, PGDDDT, MCom, MSc (Chemistry), MSc (Pharmaceutical Chemistry), MSc (Information Technology), MSc (Fashion Design and Technology), MSc (Biotechnology) and MSc (Mathematics) keeping those changes in mind. We have also started three UGC sponsored Add-on courses namely Spoken English for Communication Skills, Journalism and Mass Communication and Computerized Accounting.



We understand that existing courses may lose their sheen in future due to the changed socio-economic and political environment. In that case this institution is ready to either change the existing courses accordingly or start new ones.

Our college is thinking to sign Memorandum of Understanding (MoU) with reputed foreign Educational institutions to give our students exposure of the latest development in their respective field of study and enhance their employability, both at national and international level. Another plan under serious consideration is to explore the possibilities of starting vocational courses in collaboration with industrial units in the surrounding areas.

We have plans to make our administrative system both smart and efficient. Computerization of Library and offices has already been initiated and once this process is completed, our MIS will be able to make our delivery system transparent, quick and effective.

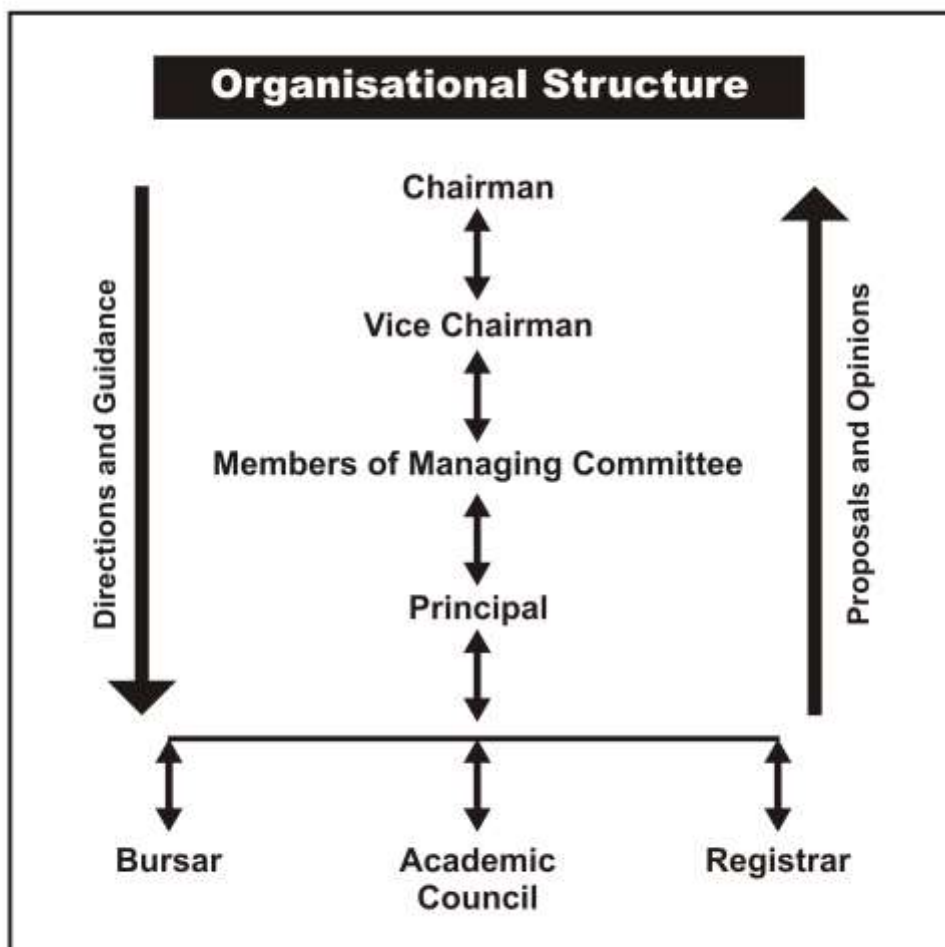
6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

To attain the stated vision and mission the College has a well-defined organisational structure as shown in the diagram 1 here. It is broadly divided in two parts on the basis of functions normally performed for the effective management of the college. 'Thinking Functions' or 'Formulation of Plan' is one part and 'Doing Function' or 'Execution of the Plan' is the other one. Formulation of policies, strategies and plans is normally done by the Modi Education Society. Modi Education society is the governing body of the college. This society is an example of the philanthropic pursuits of the Modi Industrial House of India.



Modi family established this society for the sole purpose at providing quality education to the people of the city of their elders. This is a non-profit organisation and comprises of eminent social activists and administrators of the city as its members.

DIAGRAM-1 : Organisational Structure



Justice J. L. Chopra was the founder Chairman of this society. Padam Shri Dr. Khushdeva Singh, Seth Chiranji Lal, Raizada Amar Singh Kamboj were the founding members of this society. Modi Education Society is presently headed by Seth Sudarshan Kumar Modi. He is assisted by Vice Chairman Seth Tarun Modi. Richness of experience

and wisdom of its past and present members is reflected through the quality of decisions which management has taken for the growth and development of this college from time to time.

Modi Education Society has created the entire infrastructure of the college from its own resources and still continues to contribute funds to ward off any financial difficulty. Broad guidelines as laid down by the Society are implemented under the able guidance of the Principal. He is assisted by the Academic Council, Registrar and Bursar of the College.

Our college has divided all the important activities/functions into various groups which are allocated to the committees constituted for the specific purpose. Diagram 4 depicting various committees formed for this purpose illustrates this point in a more definitive way.

Principal of the college has a dual role in our organisational structure. He is an Ex-Officio member of the Modi Education Society; hence, he plays an important role while framing policies, strategies and plans. When it comes to the execution of the policies he heads all the committees and provides required inputs to keep the committees focused on the vision of the governing body. Two important offices of the college i.e. Registrar's Office and Bursar's office are assisting the Principal continuously throughout the session. Bursar of the college assists the Principal in the management of the resources of the college. A well established system is in place for recording every receipt and payment as per the rules and regulations framed by the Punjabi University and Punjab Government. Every receipt is authorized by the Principal and checked by the Bursar. All types of payments are first of all sanctioned by the Bursar and the Principal. Once the expenditure is incurred, Accounts office verifies all the documents and is again



checked by the Bursar and final payment is authorized by the Principal.

At the end of the year receipt and payment account is prepared with the help of the auditor of the college and is presented to the Modi Education Society for its review and analysis. Apart from the audit done by the DPI (Colleges) and the Punjab Government Staff, internal auditors of the college verify all the books of the accounts. This transparent and efficient mechanism of handling the issues enables the management to analyse our performance as well as prepare the budget for the future plans.

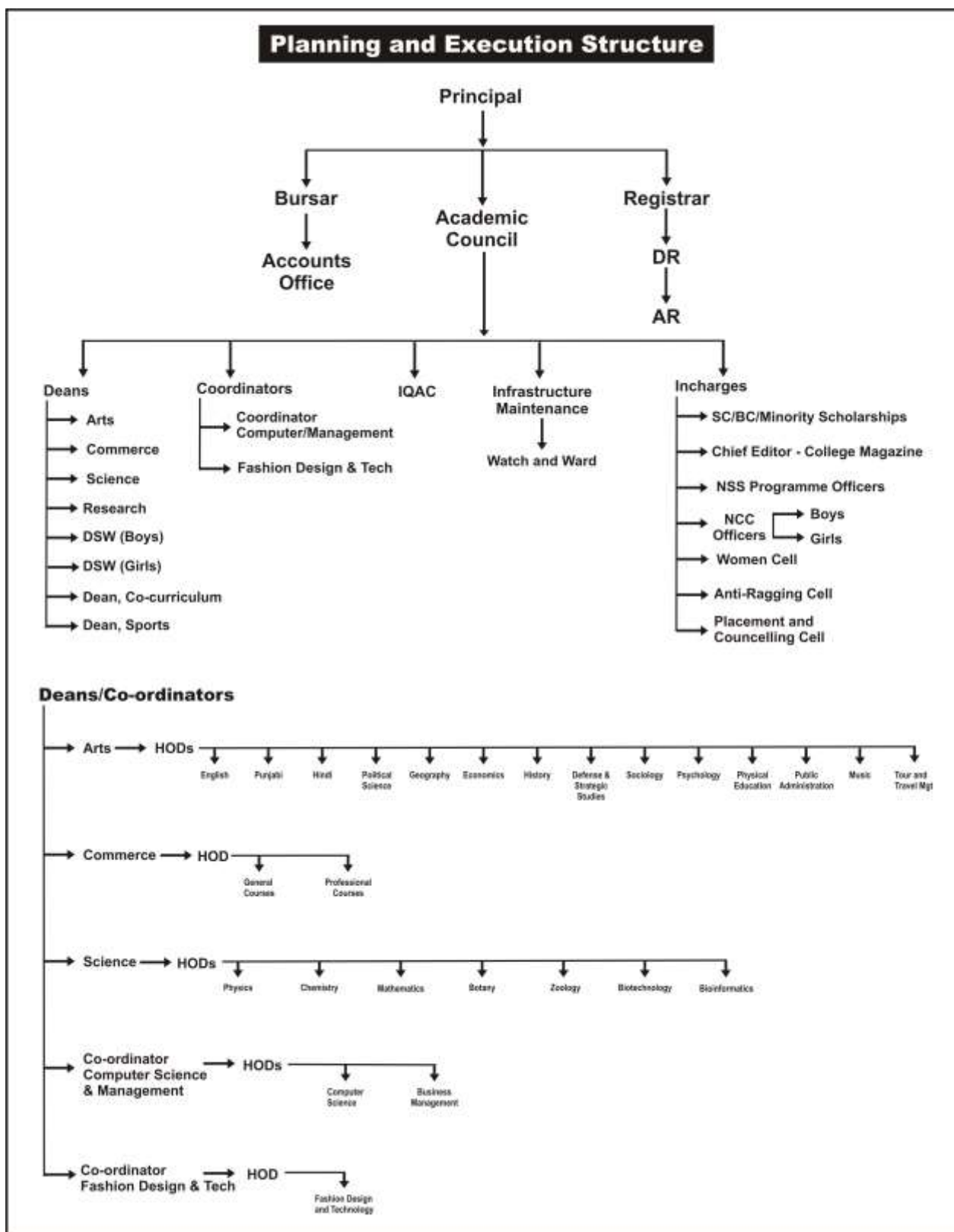
6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Registrar of the College plays pivotal role in the creation and maintenance of academic environment in the college. Evaluation of teaching and learning is broadly done on the basis of performance in the exams and the entire exercise of conducting House Exams/MSTs, Special Tests is managed by the Registrar's Office. This office, apart from conducting exams is also responsible for organising Annual Prize Distribution Function/Convocation. Registrar of the College provides necessary inputs in the academic council meetings where all the important decisions regarding the academic and co-curricular activities are taken. Important functions where Registrar Office is a major player are listed below:

1. Preparation of the Annual Academic and Co-academic Calendar
2. Publication of both the Prospectuses
3. Publication of the College Brochure
4. Preparation of the Annual Report (Calendar year wise) sent to the affiliating University for Publication



DIAGRAM-2 : Planning and Execution Structure



5. Getting the question papers for the House Exams set, typed and photocopied in the college.
6. Conduct of House Examinations (for both Semester as well as annual system classes).
7. Preparation of the results of House Examination and analysis of the performance of the students with a view to find out students for whom special tests/classes are required.
8. Special Tests/House Exams are conducted for those students who could not either appear in the exam or were unable to fulfil the conditions due to unavoidable reasons.
9. Organisation of the Annual Prize Distribution Function which is an elaborate exercise involving preparation of the lists of prize winners, purchase of prizes, printing of certificates and even the smooth conduct of the function.
10. Maintenance of entire record of exams conducted.
11. Proper storage of photographs (Hard and Soft Copies) of all the functions and activities organised by the College.
12. All Press Releases for the print and electronic media are prepared by the Registrar's Office and the record of the media coverage of the events is maintained in an organised manner.

Academic Council comprises of heads of various Departments, Deans, Co-ordinators and the Registrar. This body holds its meetings in the beginning of the session to formulate broad guidelines necessary for the execution of the vision as desired by the governing body of the college. Academic Council contributes in the preparation of the



Academic Calendar, reviews it in the meeting and gives its final approval after elaborate discussions.

During the session, meetings of the Academic Council discuss the performance of the students as provided by the Registrar Office. Even the planning of Annual Prize Distribution Function/Convocation is done by the Academic Council. Whenever investment decisions such as construction of new building / renovations or purchase of furniture and equipment are taken, Academic Council plays an advisory role in taking correct and timely decisions. At the end of the session this council reviews the performance, find out the deficiencies and suggests the corrective measures which are duly taken care of while planning for the next session.

Internal Quality Assurance Cell (IQAC) is an important organ of the planning and execution structure. This Cell formulates policies and plans for both academic and infrastructural development decisions. Issues related to new courses to be introduced, augmentation of infrastructure or construction / renovation of building are discussed by the members of this cell before the submission of their recommendations to the Academic Council.

6.1.3 What is the involvement of the leadership in ensuring:

- the policy statements and action plans for fulfillment of the stated mission
- formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change



Enlightened and visionary leadership under the patronage of Seth Sudarshan Kumar Modi does the Thinking Function and prepares plans, policies and strategies as explained in 6.1.1 Modi Education Society is our governing body and is the guiding force behind every initiative this college has taken so far. Members of this society are experienced, learned and fully dedicated to the cause of providing quality education and therefore, guide the college in every type of situation.

Students and their parents are important stakeholders for us. Our Chairman, as well as other members of the Governing Council belong to this city since generations. They have very close ties with other prominent families of the city. This relationship of the Governing Council with important stake-holders is a major source of informal information for our management. Students of our college from various sections of the city share everything that goes in the college at their family level which is passed on to the members of our college management. This input is of immense importance for the management at the time of evaluation of the performance of the college and framing of policies.

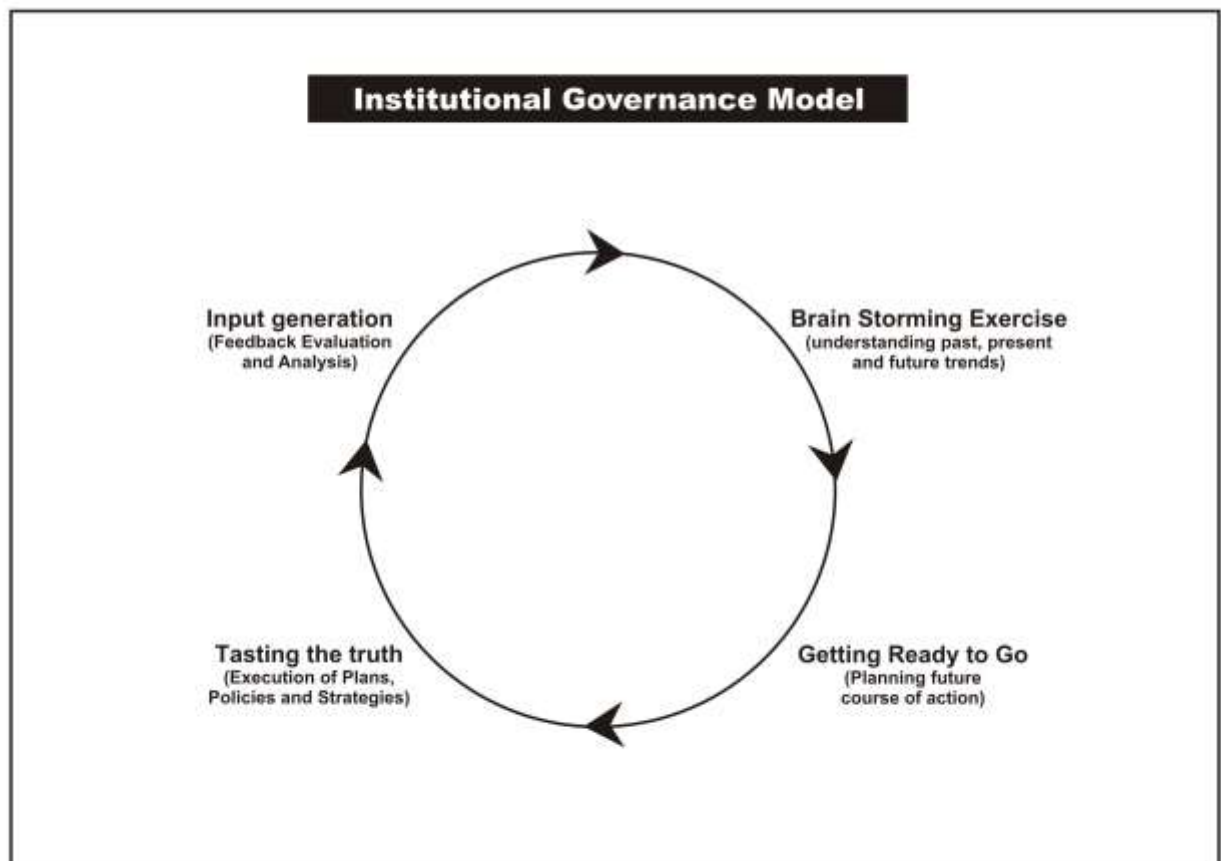
One of the objectives of the college, as laid down by our management, emphasizes the promotion of individual and collective excellence through the creation of caring and supportive climate and our management leaves no stone unturned in this endeavour. Industry experience of our management is an important factor in the understanding of the working of the economy and drastic changes through which the country is undergoing. This change in the economy leads to the changes in the job requirements. To cope up with this change, our college is always the first one to start new courses in this region.



6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

Institutional Governance Model given here divides the entire exercise of monitoring, evaluation, formulation and execution of plans, policies and strategies. This process is broadly divided into four parts:

DIAGRAM-3 : Institutional Governance Model



1. *Brain Storming Exercise* involves understanding of the past, present and future trends. This prepares the management for the next step.
2. *Getting Ready to Go* involves formulation of policies and plans where future course of action is provided, both in quantitative and qualitative terms. Management prepares plans for immediate concerns as well as long term plans keeping in view the vision of the founding fathers.



3. *Tasting the Truth* means actual execution of plans and policies or encountering the ground realities.
4. *Input Generation* based on the feedback, evaluation and analysis of the past performance. This becomes a basis for the Brain Storming Exercise.

Brain Storming Exercise is primarily done at the Principal's level who is assisted by the IQAC and Academic Council of the college. All important decisions for the regular administration of the college are taken in the meetings held under the Chairmanship of the Principal and all the members contribute to the best of their ability. Once this process is completed, the proposals and plans are submitted to the governing body for their approval. On the basis of review of the proposals management gives directions and guidance to the Principal for the actual implementation.

Implementation of proposals is shown through the Execution Structure attached herewith. As already stated, Principal has dual role of preparation of proposals and plans as well as their execution and that is why he heads the entire team of the staff. Our college, as the table shows, has Deans/Co-ordinators (Arts, Commerce, Science, Co-curricular, Sports, Students' Welfare, Fashion Design and Technology, Computer Science and Business Management, UGC Cell, Research), incharges of various activities including SC/BC/Minorities Scholarships, College Magazine, NSS, NCC and Infrastructure Maintenance. Apart from this, we have Teachers-in-Charge for students' welfare activities covering co-curricular activities, sports, anti-ragging and placement and counselling. We have a separate committee under the name of 'Women Cell' where all gender issues are addressed.



DIAGRAM 4 : List of Committees

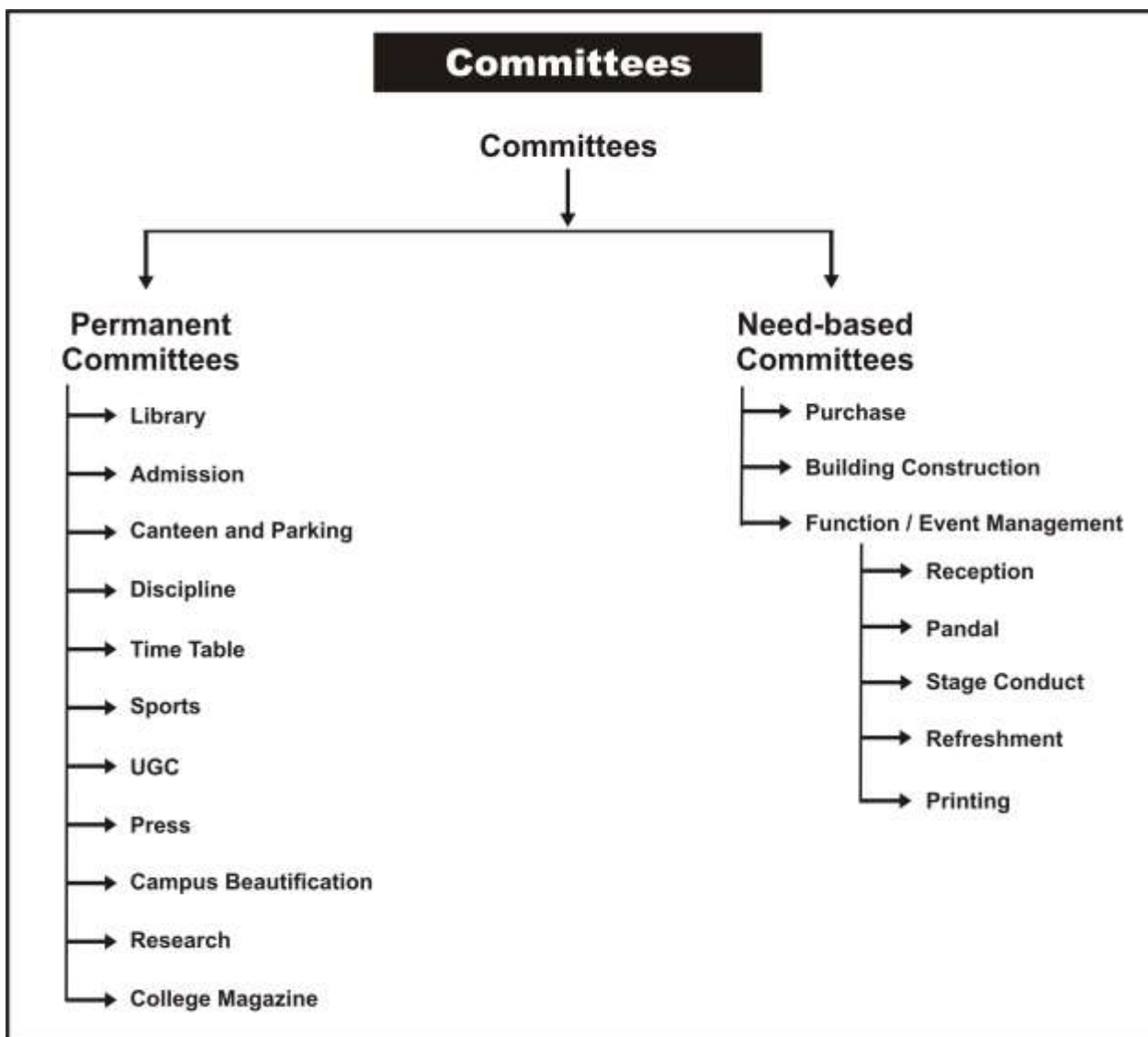


Diagram 4, showing the committees formed for various activities, is also provided here. These committees execute all the proposals passed by the Academic Council and duly approved by the management. These committees are further divided into two parts on the basis of permanence.

Library Committee, Admission Committees, Canteen and Parking Committee, Discipline Committee, Time Table Committee, Sports



Committee, UGC Committee, Press Committee, Campus Beautification Committee and Research Committee are of permanent nature and perform their duties on regular basis throughout the year.

Second set of committees are always constituted whenever need arises. These committees include Building Construction/Renovation Committee, Purchase Committee and Committees to organise various functions. We normally have Reception Committee, Pandal Committee, Refreshment Committee, Stage Conduct Committee, Photography Committee and Printing Committee for the organisation and smooth conduct of the functions/events.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

Industry and administrative experience of our management is of extreme help in the understanding of the latest happenings in the market economy. At the Brain Storming Session these inputs are useful in framing the policies and planning the actions. New courses are started keeping in view the latest trends in the economy. Our management is equally concerned about the growth of traditional courses in the faculty of humanities.

6.1.6 How does the college groom leadership at various levels?

College provides number of opportunities for grooming the leadership qualities of the staff members. To begin with, Academic Council is a platform where all important issues are taken up in an open environment. Every member is free to put forward his/her proposals as well as opinions in an uninhibited manner. Other members are also encouraged to comment dispassionately so that every issue is discussed threadbare. This process provides an opportunity to the staff members to learn how to work in a team as well as retain one's personal opinion. Academic Council is a body

where all innovative ideas are thrown for the open discussion and those fruitful discussions, coupled with collective wisdom, have led us to take correct and timely decisions for starting new courses as well making the education delivery system effective and efficient. We have a number of Conveners and Teacher-in-charge of various committees and activities. They are given free hand to take the suitable decisions whenever the need arises. This develops the ability of taking initiatives and making the subordinates work for the attainment of desired objectives.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

Heads of the departments are encouraged to formulate plans for their respective departments, departmental meetings are organised on regular basis in both formal and informal manner where all staff members share their ideas for the improvement in the performance of the department. This provides an opportunity to the staff members to present their innovative ideas, get recognition and serve the cause of the institution also. This type of open environment is one of the major contributing factors for making the team motivated. Departmental heads are given ample autonomy in the preparation of Unit Planning for curriculum transaction, division of workload, organisation of lectures, seminars, tours and trips, field work and projects and deciding the components and their respective weightage for awarding internal assessment etc.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Diagram 3 for Institutional Governance Model and Execution Structure illustrates the working of the Governing Body of the college



in a lucid manner and this also explains how democratic and liberal environment created by the structure provides ample opportunities for every single member of the staff to participate and contribute to the best of his/her ability. All the members of the Academic Council participate at the time of formulation of plans and policies, heads of the departments are given lot of freedom to act in an innovative manner and conveners and the members of the committees work in an autonomous manner for the completion of the job assigned to them.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Vision and Mission statement of the college emphasizes the relevance of quality education at affordable price as one of the guiding principles for formulation of plans, policies and strategies and is never out of sight at the stage of execution and evaluation. Institutional Governance Model of our college depicts all the stages beginning with Brain Storming and ending with Input Generation. It has two other stages in between this process where future course of action is planned under the second stage of 'Getting Ready to Go' and all policies and plans are executed under the third stage of 'Tasting the Truth'.

The organisational structure (diagram 1) shows that our Governing Body and Academic Council along with Bursar and Registrar play an active role in the development of policies and plans.

Departmental heads and Deans involve all the staff members while preparing plans for their departmental activities keeping in view the broad structure of the academic and co-academic calendar of the college.

The college also has various committees which perform different functions assigned to them during the session. Review and Evaluation of the performance is done in the Academic Council meetings during the session as well as at the end of the session. The inputs of the analysis are conveyed to the governing body by the Principal for the purpose of taking decisions for the next session.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Change is the law of nature and it becomes imperative for us to think afresh, review our present performance, find out our strength and weakness, enumerate challenges and design and redesign our policies and programmes on continuous basis. Our college has already initiated certain steps to make our M.I.S. effective and efficient. Use of information technology in this respect is considered seriously and is planned to play important role in the years to come. We are also considering the avenues of entering into MOUs with some reputed educational institution, as a step of making existing courses globally more competitive and strating new innovative courses.

Our college is planning to celebrate its Golden Jubilee in 2016 and for this purpose, we are thinking of taking new initiatives.

6.2.3 Describe the internal organizational structure and decision making processes.

Organisational structure as shown in the diagram 1 along with the diagram 4 for committees shows the working of the college covering the entire process of performance evaluation, policy formulation and execution of the programmes chalked out during the year. Broad guidelines are given by the governing body on the basis of inputs taken from the Principal. Micro level planning is done at the



departmental committee level meetings and executed keeping in view the broad aims and objectives of the college.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning
- Research & Development
- Community engagement
- Human resource management
- Industry interaction

Teaching and learning: The entire edifice of higher education structure aims at improving the quality of both - teacher and taught. Our college provides awareness to the teachers to update their knowledge as well as understand the new methodologies of teaching. Faculty Development Programmes are organised by the college. Keeping this need in view the teachers are encouraged to participate in the seminars and workshops organised by colleges and the Universities. The college allows them duty leave to participate in such seminars. To improve the quality of learning, students are encouraged to participate in the activities organised by various departmental societies and clubs. Remedial classes for under-performers and enrichment classes for meritorious students are also organised by the college.

Infrastructural support is always needed to improve the delivery system. Our college not only updates the existing infrastructure, it always augments the facilities for the improvement of class-room transaction practices.

Research and Development: Some of our faculty members are pursuing their research work leading to the degree of Ph.D. They are allowed to attend their course work classes, and the college time-table



is prepared to adjust their classes. Our college has a Central Instrumentation Laboratory equipped with very costly and advanced research instruments. This laboratory is open to the students pursuing Ph.D. under the guidance of our own college teachers. Teachers of our college are also working as research supervisors and this experience enriches their understanding of the subjects and benefits our students.

Community Engagement: NSS and NCC units of the college organise Blood Donation Camps in collaboration with Govt. Rajindra Hospital Patiala on regular basis as well as on demand in emergency situations. Red Ribbon Club of the college spreads awareness about AIDS by organising various programmes. Eco Club of the college makes the people aware of environmental degradation and the relevance of tree plantation by organising Vanmahotsav in collaboration with Basant Ritu Club and Dedicated Brothers Group (NGOs) and encourage the students to plant trees. Celebration of World Environment Day (June 5) is a step in this direction.

We collaborate with Harsh Cheritable Trust to spread the message of Gender Equality and sensitize the students towards evils which fairer sex encounters these days.

Human Resource Management: The quality of services provided has very high positive correlation with the quality of people who deliver it. The college provides both financial and non-financial incentives to its employees to continue to work whole heartedly and for improving the quality of their work. New pay scales with allowances as allowed by the Govt. are given to regular staff members. The benefits under Career Advancement Scheme (CAS) are extended to the staff members on the basis of API score without any delay. This is evident from the fact that no employee ever felt the need of taking legal course against the college to claim his financial benefits during the last four years.



Establishment Branch of the College maintains ACRs of the entire staff without any delay and this plays an important role at the time of extending the benefit under CAS. This whole process makes the staff members aware and conscious of remaining committed to their quality work culture.

At the time of retirement of the staff members, college has two traditions designed specifically to make their departure memorable. One-College organises Farewell Party where a citation is read to appreciate the services rendered by the employee during his tenure. Some of the staff members recall their experiences highlighting the core values to which the employee remained committed during his stay in the college. Two - the college makes arrangements for the plantation of a tree at the time of retirement of an employee and this act as a signpost of memory for those who have worked for the growth and development of the college.

Adhoc teachers with good track record are re-inducted every year which provides them sense of security and belongingness and makes them committed to their work. A system is in place for increasing the financial benefit of adhoc staff members. These staff members are relieved at the end of the session for as short interval as possible. Even during this tenure college ensures that adhoc staff is engaged for those duties which are paid by the University. The adhoc faculty is also given some annual incentives which help in retaining good talent.

Winter and summer uniforms are provided to all the class IV employees (peons, gardeners, chowkidars and sweepers etc.). Some of them are accommodated in the college premises with their families which makes them perform their duties in a more committed manner.

Industry Interaction: The Placement Cell of the college has close ties with different companies and their representatives visit the campus



for the recruitment purpose. Our college students visit Industrial units to experience the environment in which those units operate. Industrialists or persons working in the industry are invited to address our students and they share their experiences with them.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Principal, in the capacity of the head of the institution, continues to receive inputs regarding preparation and implementation of programmes and policies through the year. All the departmental activities as well as the college functions are organised under his leadership. Therefore, he is well aware of every activity of the college. On the basis of his own inputs as well as the information gathered by various committees and the Registrar's Office, following documents are prepared and presented to the top management as well as other stake holders:

1. Media Reports covering college activities and achievements.
2. Periodical reports presented by the Principal to the management for reviewing the performance and receiving the guidance from time to time during the session.
3. Annual Report covering all types of activities undertaken during the year and various achievements in the field of academics, sports and co-curricular activities.
4. Another Annual Report prepared by the College and sent to the University for publication covering achievements of the students as well as the staff members is also presented to the management. This report is an important document for providing information needed to evaluate the performance of the faculty and the students. It helps the



- management in the formulation of policies and plans for the next session.
5. Prospectus of the college which covers the information regarding Courses Offered, Students' Achievements, Admission Schedule, Admission Rules, Fee Structure and other Rules and Regulations regarding the admission procedure.
 6. College magazine - 'The Luminary', where creative writings of the students from all faculties are published every year. Apart from it, college magazine also enlists achievements of the students in academics, sports and co-curricular activities. A brief report of the functions organised in the college and other activities is also given here.
 7. A Brochure of the college where our Motto, Vision and Mission as well as Objectives are listed, a brief introduction of the college and various courses offered at the college is provided. An introduction to the Students' Support Services is also given here. The brochure also contains achievements of the students in the field of academic, sports and co-curricular activities. 'Memorable Moments' in the form of photographs of various functions is another highlight of brochure.
 8. College Website and Mobile Android Application are two additional IT based sources from where all stakeholders can update their information regarding the activities, programmes, functions organised by the college on regular basis. Both of these applications are in-house developed and managed by the Computer Science Department of the College.

The complete information of the institute, departments, faculty, prospectus, news etc. is available on the college website and mobile based android app also.



6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Our management provides ample opportunity to involve the staff in the preparation and execution of policy and programme. Departmental heads and various committees of the college are free to take initiatives and implement them in consultation with the Principal. This ground level involvement of the staff in formulating and implementing the programmes is an added feature for evaluation as well as correction wherever and whenever need arises.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Detail of Meetings of the Managing Committee for the last four years:

Sr.No.	Date	Agenda
2010-11		
1.	15 th May, 2010	Review of Day to Day work of the college
2.	30 th Oct., 2010	Annual General Meeting of the Society
2011-12		
1.	8 th April, 2011	Placement of lecturers in the scale of 37400-67000+AGP 9000 And 15600-39100+AGP 8000
2.	14 th May, 2011	Review of Day to Day work in the college
3.	22 nd Oct., 2011	Annual General Meeting of the Society
4.	11 th Feb., 2012	Construction of new Building- call of tenders from the builders
2012-13		
1.	24 th May, 2012	Review of Day to Day work in the college.
2.	27 th Oct., 2012	Annual General Meeting of the Society, placement of order for Construction of new Building.
3.	25 th March, 2013	Appointment of legal Advisor for the Society and institution run by the Society.



2013-14

1. 18th May, 2013 Review of day to day work of the college.
2. 22nd June, 2013 Placement of lecturers in the scale of 15600-39100+AGP9000, and ACP cases of Non-teaching staff of the college.
3. 26th Oct., 2013 Annual General Meeting of the Society, review of construction
Work of the new building.
4. 28th Dec., 2013 Appointment of new Principal Dr. Khushvinder Kumar, Authority to operate various Bank Accounts of the college.
5. 8th Feb., 2014 Development work in the college (such as purchase of new Furniture, fans, lamps etc., renovation of cycle stand and nearby parking place near new building. To take initiatives to process reaccreditation from NAAC.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Punjabi University Patiala has a provision for according the status of autonomy to affiliated colleges. So far, only one college affiliated to the University had applied and got the status of autonomous college. Since this is a new development in this region, colleges affiliated with the university are not able to appreciate the implications of this change on the working of the college. The impact of this change on the financial issues is also weighing heavily on the managements of the privately managed colleges. Therefore, this college will review the matter from time to time and act accordingly.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

Our college makes whole hearted efforts to keep the academic environment conducive, impartial and both student and employee-friendly.



Our employees get their salaries on regular basis where all the allowances as prescribed by the state govt. are paid. Retiral benefits, including gratuity and leave encashment, are paid as per the guidelines given in the revised pay scale despite the fact that DPI (Colleges) Punjab has not yet made any provision for the payment of gratuity and leave encashment to govt. aided private colleges. The financial benefits to the staff and retired employees keep them in good humour and therefore we have no instance of recording grievances or complaints against the college.

The college has 'Anti-ragging Cell' as well as 'Women Cell' to take care of any indecency or inconvenience encountered by the boys and girls and women employees. These two cells have never received any complaint in the nature of gender issue or involving ragging incident.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

It gives us a sense of satisfaction that there is no instance of court case filed by anybody against the college or by the college against anybody else in the last four years.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

The college has designed its own questionnaire to receive the feedback from the students and their parents at the end of the session. This questionnaire is quite elaborative in its nature and provides valuable information to the college which is analysed and used by college authorities for taking necessary action and making course corrections wherever needed. Following changes were made on the basis of information gathered from the student feedback proforma:



1. New furniture was added, washrooms were renovated and canteen facility was provided for girls in their common room.
2. Parking areas for girls and staff are earmarked.
3. Flooring of the entire parking area is laid with multi-coloured interlocking tiles.
4. Wi-fi facility is provided in the campus.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

This institution makes sincere efforts to enhance professional development of both teaching and non-teaching staff under its human resource development programmes. Some of the relevant initiatives carried out under this category are listed below:

- (i) Faculty development programmes for both teaching and non-teaching staff are a regular feature in this college.
- (ii) Teaching faculty is encouraged to participate in seminars / conferences / workshops etc and duty leave is provided to them for this purpose.
- (iii) To improve academic qualification, teaching faculty is motivated to pursue MPhil and PhD programmes, and college time table is prepared to adjust their classes so that they may attend their course work classes.
- (iv) Re-skilling of non-teaching staff is done whenever needed due to computerization of various administrative activities.
- (v) E-resources, books, INFLIBNET and other inputs needed for improving the efficiency of the staff is readily provided without any delay.
- (vi) Incentives to teachers with Ph.D. faculty are given as per rules.



6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The level of involvement, loyalty and commitment to the work depends largely on the level of motivation which an organisation is able to achieve. Our college is committed to the regular payment of all financial benefits (salary, CPF, gratuity, leave encashment etc.) Non-financial benefits such as promotion, re-skilling and participation in administrative activities are part and parcel of human resource management activities of the college.

Information regarding academic activities performed by the teachers such as participation in seminars, presentation of papers, Refresher/Orientation Courses attended, contribution in news papers/magazines or journals, work done through professional bodies or through social organisations is collected through a proforma. This teacher-wise information is compiled and used for various purposes such as publication of prospectus, annual report, broucher etc. The department wise Faculty Development Profile is annexed at Annexure-I.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Information regarding staff is collected through:

1. Self Appraisal Proforma provided by Punjab Education Department.
2. Self Appraisal Proforma designed by the college itself.

The information gathered through these sources is an important basis for performance appraisal of the staff and is used by the college for placements in higher scales. This is also useful for preparation of Annual Reports, Prospectus, Brouchers and College Magazine.



6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

This information is of great value at the time of promotion into higher scale or even at the time of giving annual increments. A letter authorized by the management for placement in higher scale or for granting annual increment is delivered to the staff member for information. Barring few exceptions, annual increments are granted and placement in higher scale is made by the management without any delay. This whole process of gathering information and communicating to appropriate stakeholders is very efficient and transparent.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Apart from regular payment of salary including all allowances, college has well established and transparent system of maintaining contributory provident fund record of all regular teaching and non-teaching staff. Full amount due to all the retiring employee is paid immediately after retirement. Gratuity and leave encashment as per the revised pay scales is paid to the employee on the date of retirement, despite the fact that college does not get gratuity from the government for this purpose. Other welfare activities managed by the college are:

- (i) Winter and Summer Uniforms are provided to the class IV non-teaching staff regularly.
- (ii) Fee concession for the wards of staff members is allowed by the college.



- (iii) Promotion for non-teaching staff wherever possible is made to keep them committed and motivated.
- (iv) Incase of death of an employee during his tenure the staff has been arranging funds for the bereaved family under the guidance of the Principal.
- (v) In case of death of an employee suitable employment opportunity is provided to the family member of the deceased employee depending upon his/her qualification and experience on compassionate ground.
- (vi) Adhoc staff gets respectable salary from the college and increments commensurate with their performance are also given regularly. Adhoc staff is relieved at the end of the session for a very short duration and are assured of re-induction, keeping their past performance in view, in the new session.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

The college has practice of hiring teaching and non-teaching employees wherever needed and this improves the level of commitment of the staff towards the college.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

Financial Management and Resource Mobilization: Finance is the blood of an organisation; therefore, effective monitoring of its desired level is essential for the survival and growth of an institution. Financial Management is broadly divided into two parts:

- (i) Management of Generation of Resources
- (ii) Management of Expenditure



1. Management of Generation of Resources: There are four sources from where funds for the college are generated:

- (a) Grants-in-Aid received from Govt. of Punjab against the aided posts, both for teaching and non-teaching staff. 95% of the salary paid to the staff under this category is received on quarterly basis. College prepares and submits claims for the salary as per the instructions of DPI (Colleges), Punjab and grants are received accordingly.
- (b) Second source of funding is through the fee and funds collected from the students keeping in view various guidelines issued by the Punjabi University, Patiala and Punjab Government in this regard.
- (c) Contribution by the Managing Committee to cover deficit as well as other needs of the college.
- (d) UGC grants received under various plans for specific needs of the college.

2. Management of Expenditure:

This segment is also divided in two parts:

- (a) Capital Expenditure
- (b) Revenue Expenditure

(A) Capital Expenditure involves acquisition and/or expansion of assets, such as construction of new building, purchase of furniture and equipment etc.

Proposals for capital expenditure are prepared by the Principal, in consultation with the Academic Council, Bursar and the Registrar. These proposals are received, evaluated and passed by the management. Once the approval is given, execution process begins either by inviting tenders or receiving quotations. College constitutes committees for the execution of specific proposal



which analyses the tenders or quotations, prepares comparative statement and recommends the most suitable alternative. College Principal, on the basis of recommendation of the committee, places order for the execution to the concerned party.

When execution is done and required documents (vouchers and bills) are received by the committee, sanction for the payment of the bill is given by the Bursar and the Principal on prescribed proforma which is duly signed by the committee members. Sanction form along with the required documents is attached with the forwarding Memo. All these documents are checked and verified by the Accounts office. Checking and verification is done by the Bursar also and final payment is approved by the Principal. All payments through cheque or by cash are duly authorized by the Management and the Principal.

- (B) Revenue Expenditure: This Head comprises of expenditure related to salary, repair and maintenance of infrastructure, payment of electricity bills, telephone bills and other routine expenditure. Staff members authorized by the Principal for making the payments against these bills get sanction from the Bursar and the Principal on prescribed application form in advance. When actual payment is made, voucher for the payment, alongwith the forwarding memo is verified by Accounts Office, recommended by the Bursar and final payment is authorized by the Principal.

Stock registers are maintained to record receipt of various assets as well as consumable material. Person appointed for maintenance of stock register has to mention the receipt and record in the register on the concerned voucher or bill. No



payment is allowed unless the bill is duly entered into the stock register.

Assets Supervisor makes physical verification of all the materials received and ensures that receipts are recorded in the stock register.

All payments through cheque or cash, for capital or revenue expenditure are duly entered into the cashbook by the Accountant and these are counter signed by the Bursar and the Principal. At the time of checking cashbook, all receipts and payments are compared with the vouchers and bills on the basis of which payment was made. These vouchers and bills are already signed and authorized as explained earlier by the Bursar and the Principal. The comparison of cashbook with these Bills is an in-built check to avoid any unauthorized payment.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Auditing is an exercise to ensure that all procedures designed for making the payments are duly followed keeping into view guidelines issued by the concerned competent authorities. Both internal and external audit are done on regular basis. External audit is carried out by the representatives of (1) Auditor General, Punjab and (2) Finance Dept. Punjab. This audit is done every year and auditors' reports containing various objections are maintained by the College. Auditor of DPI (Colleges) has audited our books for the financial year 2012-13 and no objection has been recorded in the report. We take steps to comply with the rules and ensure that no deficiency is reported in the next audit.



Internal auditing is done by a qualified Chartered Accountant duly appointed by the College for this purpose. Internal auditor helps the college in the preparation of Receipt and Payment Account. Auditor also helps in the management of payment of tax deducted at source (TDS). Copies of Receipt and Payment Accounts duly attested by the Chartered Accountant for the last four years are attached hereby.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

As already stated under the head Generation of Resources, college has four major sources for generation of funds.

- (i) Grants-in-Aid received from Govt. of Punjab to cover 95% of salary for the aided posts of teaching and non-teaching employees.
- (ii) Funds collected from students under various heads as authorized by the Punjabi University and Punjab Government.
- (iii) Contribution from Modi Education Society to cover the deficit or meet other needs.
- (iv) UGC grants received under various plans for specific needs of the college.

Copies of Receipt and Payment Accounts duly attested by the Chartered Accountant for the last four years are attached hereby.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

All financial requirements of the College are met through the three sources mentioned above i.e. (i) Grant-in-Aid from the Punjab Government. (ii) Funds collected from the students as part of fee structure and (iii) Funds contributed by the management. Additional



funding is also done through the grants received from University Grants Commission (UGC) after getting various proposals and projects approved by UGC under various plans.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?
- b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?
- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.
- d. How do students and alumni contribute to the effective functioning of the IQAC?
- e. How does the IQAC communicate and engage staff from different constituents of the institution?

(a) Our college constituted Internal Quality Assurance Cell on 5th Oct 2011. This cell is an important organ in the college. It has eleven members comprising 7 from the teaching faculty 2 from Non-Teaching Staff and 2 External Experts are also associated with us, which contribute in the Planning, Execution and Evaluation of all policies and programmes. It begins with enlisting various plans for the session and ends with the comparison of actual work done with the planned one. Normally, unfinished tasks at the end of the session are covered in the next plan.

(b) During 2013-14 session, IQAC (Internal Quality Assurance Cell) enlisted 10 programmes for execution. At the end of the session, six of them were executed fully, partial execution for one is reported and one programme is planned to be covered in the next session. Two



- programmes as envisaged by the Cell cannot be executed due to the mismatch of the governmental policies with regard to the given programme.
- (c) IQAC, as recorded, earlier has 2 external members - Dr. Bharat Bhushan Singla, Asst. Professor, School of Management Studies, Punjabi University, Patiala is a member of IQAC. He plays an important role in the process of making plans for introduction of new courses. His experience in the field of research is also valuable for guiding us in chalking out various programmes for the development of the faculty. Being an Alumnus, Dr. B. B. Singla understands the working of the college since long and therefore his contribution is most valuable for IQAC. Col. Karminster Singh is associated with the college since long and guides us in undertaking community service programmes. Col. Singh is managing a school for the Deaf and Dumb children and is deeply committed for welfare of differently abled people. His dedication and experience is always a source of inspiration for the Cell while planning and executing various programmes.
- (d) College has designed feedback performa for both the present and the past students. Alumini association members as well as the students are free to express their opinion for the teaching practices and other programmes organised by the college. The identity of the student is not required to be disclosed in the proforma which allows them to express their opinion without any inhibition.
- The opinion of the students and Alumini is an important input for the planning of the programmes for the next session.
- (e) All the staff members of each department participate in the analysis and evaluation of their departmental performance as well as formulation of plans under the guidance of respective Heads of the



Departments. All HODs share their opinions in the Academic Council where plans and programmes are developed for whole of the college under the leadership of the Principal. Representatives of Non-Teaching Staff also contribute in enriching the quality of decisions which IQAC takes from time to time.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

The constitution of IQAC shows that both teaching and non-teaching staff members are associated with IQAC. The working of the college as a single unit is assured with the introduction of MIS. Teaching faculty needs a lot of information to carry out various assignments given to them and the administrative staff is always ready to supply the required information. Similarly, administrative staff needs the help and guidance from the teaching faculty to make the working of the offices efficient and transparent.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

College holds seminars where experts are invited to speak on various issues related to Quality Assurance procedure as required by Internal as well as External Quality Assurance Agencies. Principal of the College holds interactive session with the staff members and shares his experiences with the purpose of improving the quality of the classroom transaction. Rich experience of the Principal which he gathered by working in different capacities in a large number of University Bodies and academic organisations, makes the interactive sessions most fruitful and the teachers learn latest teaching practices followed in other reputed educational institutions. Faculty development programme for the staff is an important initiative taken

by the college for assuring the quality of their work. For details of FDP refer 2.4.3.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Traditionally, the concept of Academic Audit in the sense of programme carried out by a qualified professional is not in vogue. But, so far as the evaluation and the analysis of execution of programmes and plans for delivering quality education is concerned, IQAC has well established system in place involving all stake holders. Another dimension to this aspect is that our annual report submitted to Punjabi University, Patiala is reviewed and verified by them for authenticating before the publication of this information in University Annual Report.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

IQAC prepares policies and plans keeping the vision of the UGC, the University and other External Agencies in view and assuring that the concept of improving G.E.R., enhancing skill and making the programmes inclusive must be covered in the policies and programmes. These policies and programmes are reviewed from time to time and course correction is made wherever essential to avoid deviation from the broad vision as laid down by the college as well as by the External Agencies. AQAR's for the previous years depict their approach of covering various programmes designed keeping in view the broad vision in the beginning of the session, review and analysis at the end and steps to implement in the following session.



6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

IQAC reviews the performance continuously on the basis of inputs it gathers from different stake holders. Feedback proforma filled by the students and Alumini members, outcome of departmental meetings and Academic Council are major sources of the information for the Cell.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

Any other relevant information regarding Governance Leadership and Management which the college would like to include.

Reporting of various activities is an important function which our college performs diligently. College website and mobile Android Application reports every activity instantly to keep the stakeholders informed. Apart from this, we have following reports enlisting various activities and achievements of the college:-

1. Annual Report published and presented at the time of Annual Prize Distribution Function.
2. Annual Reports submitted to Punjabi University, Patiala for publication.
3. Periodical Reports presented to the Managing Committee.
4. College Prospectus.
5. College Brochure.
6. Press Reports.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

Our college has one of the best campuses of the Punjabi University's affiliated colleges. We have a botanical garden which is very well maintained. Its landscaping has been designed as per approved system of classification which depicts not only plant biodiversity but it is also eco-friendly because most of the shrubs grown there are absorbing air pollutants from the nearby automobile workshops dominated area. Botanical garden has been divided into different sections comprising Cactus Corner, Ficus, Palms, Monocots, Shrubs, Trees and Hydrophytes. These corners give the glimpses of various vegetation zones of India in general. Cactus corner representing the desert ecosystem include some of the rare succulents. Ficus species and Palms are the representative of the tropical vegetation. Important Ficus species conserved in the garden are *Ficus black*, *Ficus opanda*, *Ficus larata*, *Ficus gold* and *Ficus bakhshish*. Varieties of Palms include: Star palm, Raphis palm, Travelers palm and Fish tail Palm. Monocot section is unique as it includes ornamental species of *Dracaena*. Gymnosperms which mainly grow in temperate zones like eastern and western Himalayas, have been grown in our botanical garden. These include *Pinus*, *Cycas* and *Araucaria*. These plants are also instrumental in reducing environmental pollution. Shrubs, wild plants and medicinal plants are specially taken care of because these plants provide material for class work and for practical in laboratories. Potted plants and nursery plantlets are generally kept carefully under green house. To maintain the aquatic ecosystem, a small water reservoir is made to harbor water plants and aquatic animals. Efforts are being made to conserve maximum flora and fauna to enrich the



knowledge of students regarding biological wealth and its importance. Moreover special camps and awareness rallies are being organized to create awareness regarding the usefulness of trees. College also runs Eco club for all these activities.

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Eco friendly initiatives are taken by the institute, the details are mentioned in 7.1.2, and however, formal analysis of green audit has not been made.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- * Energy conservation
- * Use of renewable energy
- * Water harvesting
- * Check dam construction
- * Efforts for Carbon neutrality
- * Plantation
- * Hazardous waste management
- * e-waste management

Energy conservation: Laboratories and class rooms are constructed in such a manner that natural sunlight and ventilation is enough during the day time and it saves electricity. All electric filament bulbs are replaced by either tube lights or by CFLs. Most of the CRT monitors of the computers are replaced with LCD/LED and all-in-one type of computers. It has resulted in considerable fall in the consumption of electricity.

Water harvesting: Water is valuable natural resource but over the years its indiscriminate use and release of pollutants by industry in



water channels has resulted into a serious crisis in Punjab in general and in the Malwa region in particular. The presence of arsenic in the water is very high in Malwa region. The water table is declining to an alarming level here. We have installed water harvesting system on scientific lines in the campus which recharge the ground water and will also reduce the level of presence of arsenic in water. This initiative is taken keeping in view our dedication and commitment towards the social responsibility.

Efforts for carbon neutrality: On the backyard of the Chemistry laboratory, there is a small plant conservatory where plants have been grown specially to absorb air pollutants and various obnoxious gases emitted during experimentation. The plants grown for this purpose are *Plumeria alba*, *Greevelia robusta*, *Psidium guava*, *Mangifera indica*, *Cycas* besides various wild plants.

Gen sets installed by the college has two major eco-friendly features:

- a) Being noise less machine, it cause no disturbance in the academic environment of the college.
- b) It has very low level of Carbon emission which keeps the surrounding both clean and healthy.

Plantation: Plantation programmes are carried out from time to time to maintain greenery of campus and to minimize the pollution. A huge lawn along with shrubs and trees is maintained in front of Computer department. Ashoka trees surrounding the main lawn in the heart of college campus are also contributing in reducing air and noise pollution besides adding aesthetic charm. Green belt harboring the lawn in front of newly constructed commerce block is in progress which will be a new addition to make the campus greener and pollution free.



Hazardous waste management: Waste of biological origin is converted into manure through vermicomposting and it is being used in place of chemical fertilizer in botanical garden. Spent media and used cultures are discarded after proper autoclaving. It keeps the environment clean and healthy.

E-waste management: To reduce the e-waste, old computer systems are sold to those dealers who upgrade them and sell them again in the market.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

(A) Learning facilitation programme

- Library Study Hours for underachievers:

Though all the students are required to attend classes regularly but due to certain unavoidable reasons some of them cannot remain regular. It is either due to their personal health issues or due to family circumstances. Such students cannot meet minimum requirement of class attendance and minimum marks in the house examinations to qualify for the university examination. Library study hours provide an opportunity to such underachievers to cover their shortage of class attendance as well as loss of studies.

Under this programme students are supposed to sit and study in the library during these hours. A register is maintained where each student records his/her arrival and departure. This all is done under the supervision of teachers who even provide guidance to such students wherever possible. This serves dual purpose of covering the shortage of class attendance as well as loss of studies due to this shortage.

Our college felt the need of this programme when some students conveyed that the shortage of lectures was due to unavoidable circumstances and they were genuinely in need of help. This practice has proved to be useful because the concerns of genuine students are taken care of by us.

- **E Recourses:**

Keeping pace with the fast changing academic environment where ICT has assumed a significant role, we have also taken a number of initiatives through which teaching-learning experience can be enriched. Our college server has pooled huge e-resources which students can avail for both references as well as for regular study material. These are in the form of power-point presentation, e-books, video tutorials, question banks, web links etc.

- **Special study tutorials for sportspersons:**

Sportspersons have to spend a lot of time and energy for practice as well as for participation in different competitions. Due to this factor they always have to remain absent from the normal classes. We are convinced that their loss of studies must be compensated in one way or the other. A special study tutorial programme for sportspersons is a step in this direction. These tutorials are planned in such a way that the rigorous schedule of their sports activities is not disturbed. This ensures that they must get the best of both worlds - sports and academics.

- **Wall Magazines:**

Wall magazine is a medium through which students can express their knowledge in a creative manner. Latest developments in their respective subjects are shared with other students of the department. Each wall-magazine functions under the supervision of a teacher who



is assisted by a student editor. Students collect pictures, make diagrams, draw cartoons, or collect articles which provide material for wall magazines. Students acquire the ability to sift the seed from the chaff. It is due to the fact that in this age of huge information which google supplies to the students on the click of a button is not entirely useful to them, and they have to learn the skill to distinguish relevant from the irrelevant.

- **On-line Information for Students:**

College has developed its own website where information regarding activities organized by the college is uploaded on regular basis. Android application is also available through which students can have their access to the information regarding the college. Apart from being student friendly, this mode is also both quick and efficient. Our college makes use of bulk SMS mode to inform the students regarding their lecture shortage, schedule of MSTs and placement programmes etc.

All these innovative practices proved to be a boon for both the students and the college. Their academic ability is improving, they are excelling in University exams and the number of merit positions is increasing. Some of them have even set their new records in the university and in recognition to this fact one of our student, Khushpreet Kaur has got Chancellor's Medal of Excellence. These achievements always add to the feathers in the cap of the college.

(B) Commitment to Social Concerns:

- **Blood Donation Camps:**

The act of blood donation is one of the most sacred services to the humanity which man can render. Our college contributes to the maximum in this service. We are organizing series of blood donation



camps on the requisition of Blood Bank of Government Rajindra Medical College and Hospital, Patiala whenever they are facing acute shortage of blood. We also organize blood donation camps on special occasions such as Modi Jayanti, NSS camp etc. We have a pool of volunteer blood donors who are always willing to help the needy ones. Blood Bank authorities have their telephone numbers along with their blood groups. They contact these volunteers in case of emergency.

- Tree Plantation:

Acharya Sir Jagadish Chandra Bose would always emphasize that plants and trees act like other living creatures, feel pain and understand affection. They keep the environment clean and healthy and add to the visual aesthetic of the surrounding. Our Botany Department is conscious of this fact and they have wide variety of plants and trees in the botanical garden. Some environment friendly plants which reduce the level of obnoxious gases are planted near the Chemistry department laboratories. NSS department, in association with NGOs, also organizes tree plantation drives on the occasion of Vanmahotsav every year.

- Vermicomposting:

Over the years our research scholars have gained an insight into the various processes involved in the events happening around us. This understanding has led them to work in the field of vermi composting and helped them in setting up vermicomposting units at different locations in the city:

- Basant Ritu Club (2010)
- In-service Teacher Training Centre, Patiala (2008)
- Multani Mal Modi College, Patiala (2004, reconstructed in 2014)



- **Energy conservation:**

Laboratories and class rooms are constructed in such a manner that natural sunlight and ventilation is enough during the day time and it saves electricity. All electric filament bulbs are replaced by either tube lights or by CFLs. Most of the CRT monitors of the computers are replaced with LCD/LED and all-in-one type of computers. It has resulted in considerable fall in the consumption of electricity.

- **Water harvesting:**

Water is valuable natural resource but over the years its indiscriminate use and release of pollutants by industry in water channels has resulted into a serious crisis in Punjab in general and in the Malwa region in particular. The presence of arsenic in the water is very high in Malwa region. The water table is declining to an alarming level here. We have installed water harvesting system on scientific lines in the campus which recharge the ground water and will also reduce the level of presence of arsenic in water. This initiative is taken keeping in view our dedication and commitment towards the social responsibility.

(C) Skilling and Reskilling of Human Resources

There is always necessity to equip the teachers to align their capability to deliver according to the changed academic scenario. With this objective in mind our college organized 15-day Faculty Development Programme. During this programme experts from various subjects spoke on those issues which our teachers confront everyday. Our college teachers also spoke on various latest topics. This type of interaction between the colleagues makes everybody involved and confident. When regular teaching schedule is in progress, college provides facilities for the arrangement of knowledge exchange programme where teachers discuss various topics collectively. This

free flow of thoughts enriches their knowledge and deepens their inter-personal relations.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

BEST PRACTICE - 1: SPORTS ACTIVITIES

Goal :

- ✓ To foster the value of sportsmanship.
- ✓ To inculcate the spirit of healthy competition in the young blood.
- ✓ To counsel, motivate and promote talented sportspersons.
- ✓ To foster the values of team work and co-ordination.
- ✓ To create a pool of deserving sportspersons for the country, thus contributing to the national interest.
- ✓ To develop a faculty to remain poised even after facing a loss and learn from the failure and get ready to encounter challenge next time.

The Context:

Though our institution has attained high standards in academic performance, our sports department has done wonders and that too despite infrastructural limitations. Our college has played key role in promoting sports activities. Since 1967, all the policies and plans have been formulated to see the overall growth of the students. Academic regimen of the students goes hand-in-hand with equally important arena of sports and games. A sports programme in an institution provides benefits of good health and wellness promotion. In addition, this practice is intended to make the students disciplined, responsible



and self-confident. The students earn the spirit of sportsmanship and at the same time contribute to the national development. A well designed training schedule is provided to the sportspersons for the preparation of the events. Our department of Physical Education believes that participation in sports activities leads to a healthy and disciplined lifestyle. With promising young sportspersons being produced in each session, the institution is producing able sportspersons, who are undoubtedly open to grab the immense opportunities in the country.

The Practice:

"Physical training should have as much a place in the curriculum as mental training", observed Gandhiji. This dictum is faithfully practiced as the college conducts and organizes sports activities throughout the academic year. The budding sportspersons of the college have brought laurels for the institution with their active participation. The college, as of now has no significant sports facility. For overcoming this handicap, the college has signed an MOU with the Punjab Sports Department. This tie-up allows the sportspersons of the college to access the sports facilities at the Polo Ground and the National Institute of Sports (NIS), Patiala. In addition to this, the college has also taken initiatives to tie up with the different sports wings of the Punjabi University, Patiala, thus making it feasible for the students of this institution to avail the best sports facilities available on the University campus too. These arrangements have definitely proved to be boon for the students and they have honed their sporting skills substantially. It would not be out of place to mention here that our students are also exposed to training sessions by National and International stature coaches for refining the skill in their respective



disciplines. The success of these arrangements is evident from the achievements bagged by the sportspersons of this college.

Since sportspersons are unable to attend a regular academic schedule, the college *arranges special tutorials and lectures (Study Camps)* for compensating their loss of studies.

Since the regimen of the sportspersons is physically stressful, the college authorities are always there to provide nutritious and balanced diet. Apart from this, the college also provides the financial support along with the material support in the form of the equipment and kits. It is also worth mentioning here that the sportspersons are granted 100% fee concession by the college. This relieves them of financial burden and allows them to concentrate on sports and studies. Table below provides year-wise amounts disbursed as Special Incentives, Fee Concessions, and Freeship to the sportspersons:

Year	Amount (in Rs.)	No. of students
2009-10	3,39,364/-	105
2010-11	4,73,749/-	106
2011-12	3,08,259/-	77
2012-13	3,57,156/-	83
2013-14	4,20,964/-*	96

***In addition, cash prizes worth of 1,29,000/- have been given to high achievers in sports**

Apart from this, every sportsperson, who is a member of the University wing, receives an amount ranging from Rs 60/- to 200/- per day from Punjabi University Sports Department, exclusively for his dietary needs. It is also worth mentioning that our outstanding



sports students are recognized for their achievements by giving cash prizes by the Punjabi University, Patiala on the occasion of its Annual Sports Prize Distribution Function.

Evidence of Success:

Unconditional support of the college and right mentoring of the students has enabled them to learn the mantra of success. With such a strong support from the college authorities and with the undying efforts of the students, our students have excelled in many events. As a token of recognition of our performance in sports at Inter College Competitions, Punjabi University, Patiala has awarded Maharaja Yadvindra Singh Trophy, General Championship (Men) to us for four years in row (2008-09, 2009-10, 2010-11, 2011-12) and Rajkumari Amrit Kaur Trophy, General Championship (Women) for two years consecutively (2010-11, 2011-12). The All India MAKAT Trophy is won by Punjabi University, Patiala, in which major contribution is made by the Sportspersons of this college. In recognition of this fact, trophy stating the Maximum Contribution for Makat Trophy is given to our college consecutively for 5 years. Following table mirrors the achievements of our college at university level championships and during national and international events:

Year	Punjabi University Inter-College Championships			National / All India Inter University		International	
	Winners	Runners up		Achievements	Participations	Achievements	Participations
		First	Second				
2009-10	19	12	03	28 Gold medals, 20 Silver medal & 17 Bronze medals	113	01 Gold medal, 01 Bronze medal	02
2010-11	17	09	05	43 Gold medals, 27 Silver medal & 18 Bronze medals	121	01 Gold medal	05



2011-12	15	04	02	22 Gold medals, 11 Silver medal & 16 Bronze medals	94	02 Gold medals	05
2012-13	11	05	06	13 Gold medals, 17 silver medal & 25 bronze medals	87	01 bronze medal	03
2013-14	12	10	07	23 Gold medals, 15 silver medal & 16 bronze medals	82	01 Gold medal	02

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 in itself does not have a very strong on-campus infrastructure for sports.

An on-campus development of sports facility for selected disciplines is the need of the hour. An indoor set-up of courts and turfs could open up more avenues for the keen students.

The sportspersons of the college have an erratic practice schedule with reference to their respective sporting discipline. It is because of this that they miss out on their academic content. With the provision of on campus sports facilities, students can attend to their regular classwork without any disturbance in their practice schedule. This will allow them to concentrate on both study and sports.

Contact Details:

Name of the Principal: **Dr Khushvinder Kumar**

Name of the Institution: **Multani Mal Modi College**

City: **Patiala**

Pin Code: **147001**

Accredited Phone: **0175-2214108**

Fax: **0175-2305853**

Website : **modicollege.com**

E-mail: **principal@modicollege.com**

Mobile : **098155-46108**



BEST PRACTICE – II: PROMOTION OF RESEARCH

One of the main focus areas of higher education in India is to promote research. This national focus matches with the objective of our college which states that we shall always strive to design programmes for training the students to imbibe scientific, logical and critical thinking for encountering challenges. Research programmes always sharpen the skills of the teaching faculty as well as improve the quality of education they impart. Thus, research programmes are of great importance for both teachers as well as the students.

Goal

The goal of research promotion of our college can be broadly categorized in three parts:

- (a) Encouraging the teachers and students: College creates an environment where both the teachers and the students are willing to participate in research activities.
- (b) Facilitation: We want that best research facilities should be provided to our researchers.
- (c) Publication: Contributing in national and international publications is an important objective of research activities. We want our teachers and students to share their knowledge with others through their publications.

Context

For grasping the intrinsic need of attaching importance to research, we need to appreciate the environment in which we operate. We are situated in one of the most urbanized cities of the state of Punjab. Higher education institutions of high repute in the field of engineering, medicine, law, sports, education and commerce are located around us. Research activities in all these institutions are an integral part of their activities and this creates an environment where our teachers participate on regular basis. Punjabi University, Patiala,

Rajiv Gandhi National Law University, National Institute of Sports, Thapar University, Govt. Rajindra Medical College, Govt. Ayurvedic College are some of the names to be mentioned here, which are actively engaged in research. It creates a situation where our involvement is both necessary and comfortable. We have an opportunity which our location provides to us and we have not failed here. Secondly, the vision and objective of our management to widen the horizon of knowledge of our teachers and students, National and International seminars are organized regularly where research students find an opportunity to interact, understand and apply the knowledge they gather from other scholars.

Practice

Support system needed for research activities can be grouped under two heads:

- a. Creation of tangible infrastructure which includes research laboratories, equipment used in laboratories and other facilities where research can be carried out comfortably. The management of the college is always willing to provide funds for this purpose.
- b. Intangible part of this support is in the form of granting leave to teachers and encouraging them to participate in seminars and conferences. It acts as an important motivating factor for research students.

The execution of all plans and policies for the promotion of research is done through:

- (i) Research Committee under the chairmanship of the Principal.
- (ii) Internal Quality Assurance Cell of the college.

Support facilities to carry out this practice are provided in the form of:

- (i) Establishment of Central Instrumentation Laboratory equipped with most sophisticated instruments. Apart from it, we have 6 well equipped laboratories for the purpose of carrying out research activities.



- (ii) 74 journals and magazines, INFLIBNET (with access to more than 6000 e-journals and more than 97000 e-books) are added to the library.
- (iii) Grants from UGC are received for development of research infrastructure. Rs. 49 lacs under CPE Scheme is received by the college under XI plan.
- (iv) 8 national level conferences have been organized in the college during the assessment period.
- (v) College provides duty leave to the faculty members to facilitate their participation in seminars and conferences.
- (vi) Faculty development programmes are organized to enrich the knowledge of the staff members.
- (vii) College rewards/recognizes those teachers who were awarded Ph.D. degree.
- (viii) Outgoing students are enabled to get hand on practice/internship through the specially organized programme for fixed hours.

Evidence of Success

The success story of our research scholars can be appreciated by going through the following information:

- (i) 125 research papers are published in journals of repute.
- (ii) Faculty members presented 205 research papers at National and International Seminars/Conferences.
- (iii) 3 minor research projects were undertaken by our faculty members.
- (iv) Development of First Statistical Approach Based Hindi to Punjabi Machine Translation System by our teacher. Website (<http://statmt.org/~vishal/hp/index.cgi>) is hosted by University of Edinburgh (UK).
- (v) Our faculty member has developed Android application for the college.



- (vi) Our faculty member has developed a Software for Management Information System (MIS) for the specific need of the college to maintain record of the students.

To cap it all, most distinguished achievement of our faculty member is in the form of getting Raman Fellowship for Post Doctoral Research at Harvard University awarded by the UGC.

Problems encountered and resources required:

Stunted growth and development is observed in the field of research because of following reasons:

- (i) Difficulty in appointing teachers on regular basis by the college due to state government's policy for not allowing appointments against aided posts. This acts as a hindrance to appoint and retain well qualified and competent teachers who can carry out the research with dedication. Adhoc teachers are never able to establish long term association with the institution.
- (ii) Punjabi University doesn't recognize affiliated colleges as research centers.
- (iii) Punjabi University does not allow teachers to supervise research students if they do not have 5 years teaching experience of Postgraduate classes.

Contact Details:

Name of the Principal: **Dr Khushvinder Kumar**

Name of the Institution: **Multani Mal Modi College**

City: **Patiala**

Pin Code: **147001**

Accredited Phone: **0175-2214108**

Fax: **0175-2305853**

Website : **modicollege.com**

E-mail: **principal@modicollege.com**

Mobile : **098155-46108**



3. Evaluative Report of the Departments

Index of Course wise Evaluative Reports

Sr. No.	Name of Course	Page No.
1	B.Sc. (Non-Medical)	228
2	B.Sc. (Medical)	234
3	B.Sc. (Bio-informatics)	242
4*	B.Sc., M.Sc. (Bio-Technology)	248
5	M.Sc. (Chemistry)	257
6	M.Sc. (Pharmaceutical Chemistry)	265
7	M.Sc. (Mathematics)	271
8	B.Com.	276
9	B.Com. (Professional)	282
10	M.Com.	288
11	B.C.A.	293
12	B.Sc. (Computer Science)	300
13*	M.Sc. (IT), MSc (IT) Lateral Entry	305
14	PGDCA	311
15	BBA	316
16	B.Sc. (MCM)	322
17	B.A.	326
18	B.Sc. (Fashion Designing)	333
19	M.Sc. (F.D.&T.)	338
20	PGDDD&T	343

* When M.Sc. (Biotechnology) and M.Sc. (IT) (Lateral Entry) are not clubbed here, total number of courses becomes 22.



1. Evaluative Report of the Course – B.Sc. (Non-Medical)

1. Name of the Department : Science (B.Sc. Non-Medical)					
2. Year of Establishment : 1967					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate	B.Sc. (Non-Medical) (duration 3 years)				
4. Names of Interdisciplinary courses and the departments/units involved : Chemistry/Physics/Math					
5. Annual/ semester/choice based credit system (Programme wise): Semester System as per university: B.Sc. (Non-Medical) (6 semesters)					
6. Participation of the department in the courses offered by other departments :					
	B. Sc Computer Science (Mathematics/Physics)			06 semesters	
	B.Sc. Biotechnology (Chemistry)			06 semesters	
	B.Sc Medical (Chemistry)			06 semesters	
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned			Filled	
	Regular	Adhoc		Regular	Adhoc
Professor	--	--		--	--
Associate Professor	01	--		01	--
Assistant Professor	01	09		01	09
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Vinay K Jain	Ph.D.	Associate Professor (HOD)	Organic Chemistry	34	02



Mr. Dharampal	M.Sc., M.Phil.	Assistant Professor	Inorganic Chemistry	06	Nil
Mr. Ashwani Kumar	M.Sc.	Assistant Professor	Physical Chemistry	0.8	Nil
Ms. Chitrangna	M.Phil.	Assistant Professor	Pharma Chemistry	04	Nil
Ms. Chetna Gupta	M.Sc. NET	Assistant Professor	Mathematics	11	Nil
Ms. Chetna Sharma	M.Phil.	Assistant Professor	Mathematics	11	Nil
Ms. Manita Rani	M.Sc. NET	Assistant Professor	Mathematics	2.5	Nil
Mrs. Kavita Sharma	M.Sc. NET	Assistant Professor	Physics	07	Nil
Mrs. Rashim Singla	M.Sc.	Assistant Professor	Physics	03	Nil
Ms. Nisha	M.Sc.	Assistant Professor	Physics	03	Nil

11. List of senior visiting faculty : Nil**12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty**

Class	% of lectures by temporary faculty
B.Sc.-I	75 %
B.Sc.-II	66 %
B.Sc.-III	78.16%

13. Student -Teacher Ratio (programme wise)

Name of the programme	B.Sc.1	B.Sc. II	B.Sc. III
Student Teacher Ratio	24 : 1	22.3 : 1	23.1 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : 01 Administrative staff, 02 Technical 02 supporting staff.**15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)**

1/10 is Ph D	3/10 are M Phil	3/10 are NET	10/10 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL			
18. Research Centre /facility recognized by the University: Labs are designed and Equipped according to university norms in each science dept. one common Central Instrumentation Laboratory with high end instruments was established in the college with the grants received from UGC			
19. Publications: (Annexure-NM1)			
Paper Presented	08		
Paper Published	08		
FDP attended	02		
Number of papers published in peer reviewed journals (national/ International) by faculty and students: 07			
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):			
Monographs- Nil			
Chapter in Books- Nil			
Books Edited: Nil			
Books with ISBN/ISSN numbers with details of publishers: Nil			
Citation Index: Nil			
20. Areas of consultancy and income generated: Nil			
21. Faculty as members in			
a) National committees b) International Committees c) Editorial Boards....(Annexure-NM6)			
<u>Dr. Vinay Jain</u> Member Board of undergraduate studies in Chemistry from 9-4-2011 to 31-12-2012, Member of faculty of physical sciences from 11-4-2011 to 11-01-2013, Life time member of Indian society of Analytical Sciences, Life time member of Punjab Academy of Sciences, Life member of Cultural Scientific Research, Bangalore, Member of American Chemical Society Washington D.C, USA			
22. Student projects : a) Percentage of student who have done in-house projects including Interdepartmental/programme: NA b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NA			
23. Awards/Recognitions received by faculty and students : Nil			



24. List of eminent academicians and scientists / visitors to the department: Annexure -NM5

Dr. Gurmail Singh	Punjabi University, Patiala (Workshop)
Dr. H. S. Bhatti	Punjabi University, Patiala (Workshop)
Dr. Balvir singh sandhu	Punjabi University, Patiala (Workshop)
Prof. SVS Kesar	Punjab University, Chandigarh (RACES-IV)
Dr. IR Trehan	Punjab University, Chandigarh (RACES-IV)
Dr. Harish Chopra	SLIET, Lonogowal (RACES-I, IV)
Prof. S S Bir	Punjabi University, Patiala (Science Fair)

25. Seminars/ Conferences/Workshops organized & the source of funding

06 Recent Advances in Chemical and Environmental Sciences (Including Biological Sciences)
Students take part in Annual Science fair and other college programmes funded by college.

26. Student profile programme/course wise: see Annexure -NM2

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
2012-13			Male	Female	
B.Sc. I	120	96	24	72	81.52%
B.Sc. II	64	64	24	40	94.85%
B.Sc. III	22	22	7	15	70.69%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2012-13 Annexure -NM2			
B.Sc. I	94.79%	5.21%	Nil
B.Sc. II	92.65%	7.35%	Nil
B.Sc. III	96.55%	3.45%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Various competitive exams related to their higher studies and other general competitions have been cleared by the students.



29. Student progression : Annexure-NM3

Student progression	Against % enrolled
UG to PG	80%
PG to M. Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed • Campus selection • Other than campus recruitment	NIL
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	No
c) Class rooms with ICT facility	No
d) Laboratories	Yes

31. Number of students receiving financial assistance from college, university, government or other agencies: Annexure -NM4

Year	Total No. of Students	Amount
2009-10	01	10000/-
2010-11	09	41930/-
2011-12	08	38580/-
2012-13	08	48500/-
2013-14	17	77320/-

Total Amount: Rs. 216330/-**Financial support was given to science students in sports category.**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Students takes part in the annual events of the college like RACES, science fair and Expert lectures.

33. Teaching methods adopted to improve student learning

- Demonstration
- Computer Assisted Teaching
- Seminars/ Assignment of different topics were given to the Students
- Industrial Visits/ Excursion trips/ Visits to National research institutes were regularly undertaken to enhance their knowledge.
- Use of e-resources



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Students participate in Environmental Awareness programmes, • AIDS awareness, • Blood Donation camp, • Traffic awareness, • National Youth day, • National Girl Child Day and International Women Day. • Anti- Drug Campaign • Awareness against Female Feticide, • First aid camp
35. SWOC analysis of the department and Future plans
S: Strength <ul style="list-style-type: none"> • As per “The Tribune” in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream. • Consistent merit positions including university toppers • State of art instrumental Facilities • Spacious and Well stocked laboratories • Sincere and dedicated staff • Department is backed by well stocked college library
W: Weaknesses <ul style="list-style-type: none"> • Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure. • Non-Revision and less flexibility in the University Curriculum.
O: Opportunities <ul style="list-style-type: none"> • Scope for strengthening the industry-institute interaction for better placements of students. • Re-emergence of trends of basic sciences.
C: Challenges <ul style="list-style-type: none"> • Mushrooming of new universities and institutes in neighboring states/areas • The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.
Future plans
Exploring the possibility of Honours Courses at Graduation Level.



2. Evaluative Report of the Course – B.Sc. (Medical)

1. Name of the Department : Department of Science (Course: B.Sc. Medical)					
2. Year of Establishment: 1967					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Under Graduate		B.Sc. Medical (duration 3 years)			
4. Names of Interdisciplinary courses and the departments/units involved : B.Sc. (Medical)					
5. Annual/ semester/choice based credit system (Programme wise): B.Sc. (Medical) with Six semesters					
6. Participation of the department in the courses offered by other departments : Chemistry / Zoology					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	01	00	01	--	
Assistant Professor	01	04	01	04	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No.of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Rajeev Sharma	Ph.D.	Associate Professor	Inorganic Chemistry	16	05
Dr. Ashwani Kumar Sharma	Ph.D.	Assistant Professor	Mycology and Plant pathology	17	Nil



Mr.Amit Sareen	M.Sc., M.Phil.	Assistant Professor	Plant pathology	09	Nil
Dr. Sonika Kapoor	Ph.D.	Assistant Professor	Physiology	06	Nil
Dr. Monita Dhiman	Ph.D.	Assistant Professor	Physiology	01	Nil
Mrs.Shelly Guleria	M.Sc.	Assistant Professor	Inorganic Chemistry	01	Nil

11. List of senior visiting faculty : Nil**12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty**

Class	% of lectures by temporary faculty
B.Sc.-I	80%
B.Sc.-II	70%
B.Sc.-III	70%

13. Student -Teacher Ratio (programme wise)

Name of the programme	B.Sc.-I	B.Sc.-II	B.Sc.-III
Student Teacher Ratio	13:1	7.5:1	5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :

01 Administrative staff, 01 supporting staff. 02 Technical

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)

4/6 is Ph D 1/6 are M Phil 1/6 are NET 6/6 are PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil**17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Yes**

Sr. No.	Name of Project	PI/Dept.	Funding Agency	Amount (Rs in lakhs)	Year	Status
1	Synthesis, characterization and evaluation of biological properties of some symmetrical and unsymmetrical 3 substituted formazans -	Dr. Rajeev Sharma	UGC	0.84	2009-10	Completed

18. Research Centre /facility recognized by the University: No research center as such has been approved however faculty is approved by Punjabi university for supervising research work and supervising research scholar pursuing their Ph.D. with Punjabi university.

19. Publications: (Annexure-M1)

Paper Presented

25

Paper Published

25

FDP attended

10

Number of papers published in peer reviewed journals (national/ International) by faculty and students: 19

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):

Monographs- Nil

Chapter in Books- Nil

Books Edited: 03

Books with ISBN/ISSN numbers with details of publishers: Nil

Citation Index: 02 (Dr. Rajeev Sharma)

20. Areas of consultancy and income generated

Consultancy Services Offered by the Dept. (Not measured in Monetary Terms): Nil



21. Faculty as members ina) National committees b) International Committees c) Editorial Boards....(*Annexure-M6*)**Dr. Rajeev Sharma**

- Indian Science Congress Association (Regd.), Punjabi Science Congress (Patiala), Chemical Research Society of India (Bangalore), Indian Council of Chemists (Agra), Indian Association for Crystal Growth (Chennai), Indian Science Congress Association (Haridwar), Indian Society of Blood Transfusion of Immuno haematology (Punchkula). Member, Board of Studies in Chemistry, Punjabi University, Patiala, NSS Advisory Committee

Dr. Ashwani Sharma

- Member of board of undergraduate studies in Botany/ Life Sciences, Senate Member in Punjabi University,
- Life member association of biological teachers (Colleges).

22. Student projects : Nil**23. Awards / Recognitions received by faculty and students****Dr. Rajeev Sharma**

- Appreciated by NCSTC-Network and the organization Committee of 18th National children's Science Congress-2010 held at VELS University, Pallavaram Chennai for successful organization of the National Children's Science Congress as District Coordinator.
- Honoured by Star Donor by Blood Bank, Rajindra Hospital/ Govt. medical College, Patiala on World Blood Donor Day-2013.
- Honoured by Star Donor by Blood Bank, Rajindra Hospital/ Govt. medical College, Patiala on World Blood Donor Day-2012.
- Awarded Best NSS Programme Officer honoured by Dept, of NSS Punjabi University, Patiala from 2011-12 on Jan 12, 2013.
- Awarded Best NSS Programme Officer honoured by Dept, of NSS Punjabi University, Patiala from 2011-12 on Sept 24, 2011.
- Appreciated for NSS activities by Dept. of Punjabi University Patiala from 2012-13 on Jan 12, 2014.
- Awarded best NSS Programme Officer by Dept. of NSS Punjabi University, Patiala for 2009-10 on May 26, 2010
- Honored by District Administration on 26th Jan, 2010 for his meritorious services in the field of blood Donation, Environment Awareness Campaign.
- Appreciated by NCSTC-Network and the organization Committee of 18th National children's Science Congress-2010 held at VELS University, Pallavaram Chennai for successful organization of the National Children's Science Congress as District Coordinator.



- Honoured by Star Donor by Blood Bank, Rajindra Hospital/ Govt. medical College, Patiala on World Blood Donor Day-2013.
- Honoured by Star Donor by Blood Bank, Rajindra Hospital/ Govt. medical College, Patiala on World Blood Donor Day-2012.
- Awarded Best NSS Programme Officer honoured by Dept, of NSS Punjabi University, Patiala from 2011-12 on Jan 12,2013.
- Awarded Best NSS Programme Officer honoured by Dept, of NSS Punjabi University, Patiala from 2011-12 on Sept 24,2011.
- Appreciated for NSS activities by Dept. of Punjabi University Patiala from 2012-13 on Jan12,2014.
- Awarded best NSS Programme Officer by Dept. of NSS Punjabi University, Patiala for 2009-10 on May 26, 2010
- Honored by District Administration on 26th Jan, 2010 for his meritorious services in the field of blood Donation, Environment Awareness Campaign.

24. List of eminent academicians and scientists / visitors to the department: Annexure -M5

Professor Ashok Kumar Malik	Punjabi University, Patiala (RACES-II, III & VI)
Professor Raman Kumar	Punjabi University, Patiala (RACES-II, III & VI)
Prof. SS Bir	Punjabi University, Patiala (Science Fair)
Prof. RC Gupta	Punjabi University, Patiala (Science Fair)

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : 06 - Recent Advances in Chemical and Environmental Sciences (Including Biological Sciences)

b) International : Nil

c) One day seminar on topic: Department regularly organizes science quiz, poster making and paper reading contest through Biological society.



26. Student profile programme/course wise: (2012-13) <i>Annexure-M2</i>						
Name of the Course/progr amme	Applic ations Receiv ed	Selected	Enrolled		Pass percentage	University Pass percentag e
			Male	Female		
B.Sc.I	40	32	7	25	87.5%	74.36%
B.Sc.II	14	14	5	9	100%	89.11%
B.Sc.III	5	5	0	5	100%	65%
27. Diversity of Students						
Session 2012-13 (<i>Annexure-M2</i>)						
Name of the Course	% of students from the same state		% of students from other States		% of students From abroad	
B.Sc.I	90%		10%		Nil	
B.Sc.II	93%		07%		Nil	
B.Sc.III	100%		0		Nil	
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?						
Various competitive exams related to their higher studies and other general competitions have been cleared by the students.						
29. Student progression : <i>Annexure-M3</i>						
70-80% have joined UG to PG course						
Employed						
• Campus selection		--				
Other than campus Recruitment, Entrepreneurship/Self-employment: Nil						
30. Details of Infrastructural facilities						
a) Library			Yes			
b) Internet facilities for Staff & Students			Yes wi-fi campus			
c) Class rooms with ICT facility			Yes			
d) Laboratories			03, Yes			



31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts: *Annexure -M5a*

Session	Places	Date
2008-09	Morni Hills and Medical Plant Awareness Centre, Morni	9-Feb-09
2009-10	Pushpa Gujral Science City, Kapurthala	1-Nov-09
2010-11	Kasuali	13-Nov-10
2011-12	Shri Renuka Ji Lake, Nahan (HP)	4-Nov-11
2013-14	Hari-K-Patan	12-Apr-14

- Students take part in the annual events of the college like RACES and science fair.

33. Teaching methods adopted to improve student learning:

- Demonstration
- Computer assisted teaching
- Expert lecture
- Seminars and Group Discussion
- Using e-resources
- Field Work (Collection of Samples)
- Herbarium files maintained by students
- Minor class projects for ecology

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- To organize awareness camp for health
- Students participate in Environmental Awareness programmes, AIDS awareness
- Blood Donation camp, Traffic awareness, National Youth day.
- National Girl Child Day and International Women Day. Anti- Drug Campaign.
- Awareness against Female Feticide, First aid camp etc.
- Van Mahotsav, Tree plantation
- First Aid Camp by Red Cross



35. SWOC analysis of the department and Future plans**S: Strength**

- As per “The Tribune” in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream.
- Consistent merit positions including university toppers
- State of art instrumental Facilities
- Spacious and Well stocked laboratories
- Sincere and dedicated staff
- Department is backed by well stocked college library

W: Weaknesses

- Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure.
- Non-Revision and less flexibility in the University Curriculum.

O: Opportunities

- Scope for strengthening the industry-institute interaction for better placements of students.
- Re-emergence of trends of basic sciences.

C: Challenges

- Mushrooming of new universities and institutes in neighboring states/ areas
- The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.

Future plans

- To start vocational course and Postgraduate course in Botany.



3. Evaluative Report of the Course – B.Sc. (Bioinformatics)

1. Name of the Department : Science (B.Sc. Bioinformatics)					
2. Year of Establishment : 2007					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Under Graduate	B.Sc. (Bioinformatics) (duration 3 years)				
Postgraduate	Nil				
4. Names of Interdisciplinary courses and the departments/units involved : Biotechnology/Computer					
5. Annual/ semester/choice based credit system (Programme wise): Semester System as per university B.Sc. Bioinformatics- 6 semesters					
6. Participation of the department in the courses offered by other departments B. Sc. Biotechnology: 2 semesters					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	--	--	--	--	
Assistant Professor	---	03	--	03	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc/D.Litt/Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. Gagandeep Kaur	M.Phil.	Assistant Professor	Bioinformatics	04	Nil
Ms. Anuradha Verma	M.Sc.	Assistant Professor	Bioinformatics	01	Nil
Ms. Suninda	M.Sc.	Assistant Professor	Biotechnology	01	Nil



11. List of senior visiting faculty : Nil			
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty			
Class	% of lectures by temporary faculty		
B.Sc.-I	100%		
B.Sc.-II	100%		
B.Sc.-III	100%		
13. Student -Teacher Ratio (programme wise)			
Name of the programme	B.Sc. I	B.Sc. II	B.Sc. III
Student Teacher Ratio	4:1	4:1	4:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 0 Administrative staff, 01 Technical 01 supporting staff.			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)			
0/3 are Ph D	1/3 are M Phil	0/3 are NET	3/3 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL			
18. Research Centre/facility recognized by the University: One common Central Instrumentation Laboratory with state of art highly sophisticated instruments was established in the college with the grants received from UGC.			
19. Publications:			
Ms. Seema	Nil		
Ms. AnuradhaVerma	Nil		
Ms. Suninda	01		
Number of papers published in peer reviewed journals (national/ International) by faculty and students: 01			
Kuldeep Kumar, Suninda , Sandeep Punia and Neelam Verma (2012). Media Optimization for the Production of Anti-Leukemic Enzyme L-Asparaginase from <i>E.coli</i> K-12. <i>Annals of Biological Research</i> . 3 (10) : 4828-483			
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):			
Monographs- Nil			
Chapter in Books- NIL			
Books Edited: Nil			
Books with ISBN/ISSN numbers with details of publishers: Nil			
Citation Index: NIL			



21. Faculty as members in						
a) National committees b) International Committees c) Editorial Boards.....:						
NIL						
22. Student projects : a) Percentage of student who have done in-house projects including Interdepartmental/programme: NA						
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NA						
23. Awards / Recognitions received by faculty and students: Nil						
24. List of eminent academicians and scientists / visitors to the department: Annexure -BI5						
Name of Person		Institute				
Dr. B.R. Yadav		National Dairy Research Institute, Karnal, Haryana (RACES-III March 2011 & NSETB-2012 Feb.)				
Dr. Hari Om		National Institute of Health, USA (NSETB-2012 Feb.)				
Dr. Lalit M. Bhardwaj		Central Scientific Instruments Organization (CSIO) (RACES-III March 2011) Chandigarh				
Professor Aruna Bhatia		Department of Biotechnology, Punjabi University, Patiala (RACES-I, II, III & NSETB-2012)				
Dr. R.S. Singh		Department of Biotechnology, Punjabi University, Patiala (RACES-III March 2011 & NSETB-2012 Feb.)				
Prof. Neelam Verma		Department of Biotechnology, Punjabi University, Patiala (RACES-I, II, III & NSETB-2012 Feb.)				
Dr. Anil Kumar Punia		National Dairy Research Institute, Karnal, Haryana (RACES-I, III, & NSETB-2012 Feb.)				
Dr. CS Pundir		Maharishi Daynand University, Rohtak. (NSETB-2012 Feb.)				
Dr. UC Banarjee		National Institute of Pharmaceutical Education and Research, Mohali (NSETB-2012 Feb.)				
Dr. MS Reddy		Department of Biotech, Thapar University, Patiala. (NSETB-2012 Feb.)				
25. Seminars/ Conferences/Workshops organized & the source of funding						
Department regularly organizes science quiz, poster making and paper reading contest through Biological society.						
26. Student profile programme/course wise: see See Annexure-BI2						
Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage	University Pass percentage
2012-13			Male	Female		
B.Sc. I	18	12	4	8	83%	85.16%



B.Sc. II	13	13	2	11	100%	100%
B.Sc. III	20	20	0	20	100%	100%

27. Diversity of Students Annexure-BI2

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2012-13			
B.Sc. I	83.33%	16.66%	Nil
B.Sc. II	69.23%	30.77%	Nil
B.Sc. III	100%	0	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Various competitive exams related to their higher studies (M. Sc and PhD) and other general competitions conducted by state govt. for various posts have been cleared by the students.

29. Student progression : Annexure-BI3

Student progression	Against % enrolled
UG to PG	70-80
Employed	
• Campus selection	(2008-09) - 7
• Other than campus recruitment	15
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	Yes
c) Class rooms with ICT facility	No
d) Laboratories	01, Yes

31. Number of students receiving financial assistance from college, university, government or other agencies: Annexure-BI4

Year	Total No. of Students	Amount
2009-10	01	10000/-
2010-11	09	41930/-
2011-12	08	38580/-
2012-13	08	48500/-
2013-14	17	77320/-

Total Amount: Rs. 216330/-

Financial support was given to science students in sports category.



32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:
Annexure BI5a

Session	Places	Date
2008-09	National Bureau of Animal Genetic Research (CSIR Lab), Karnal	29-Jan-09
	Institute of Genomics and Integrative Biology, New Delhi	
	Indian Institute of Toxicology Research & Centre Institute For Subtropical Horticulture, Lucknow	11-Feb-09
2009-10	Institute of Himalayan Bioresource and Technology, Palampur (HP) (CSIR-IHBT)	16-Nov-09
	International Centre For Genetic Engineering & Biotechnology, New Delhi	20-Nov-09
	Indian Institute of Toxicology Research & Centre Institute For Subtropical Horticulture, Lucknow	8-Feb-10
2010-11	National Dairy Research Institute, Karnal	-Nov-10
	International Centre For Genetic Engineering and Biotechnology, New Delhi	9-Nov-10
	Institute of Integrative Biology, Jaipur	28-Jan-11
2013-14	Central Research Institute (CRI), Kasuali	12-Apr-14

33. Teaching methods adopted to improve student learning:

- Demonstration
- Computer Assisted Teaching
- Seminars/ Assignment of different topics were given to the Students
- Industrial Visits/ Excursion trips/ Visits to National research institutes were regularly undertaken to enhance their knowledge.
- Use of e-resources

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students participate in Environmental Awareness programmes, AIDS awareness, Blood Donation camp, Traffic awareness, National youth day, National Girl Child Day and International Women Day etc.



35. SWOC analysis of the department and Future plans**S: Strength**

- As per “The Tribune” in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream.
- Consistent merit positions including university toppers
- State of art instrumental Facilities
- Spacious and Well stocked laboratories
- Sincere and dedicated staff
- Department is backed by well stocked college library

W: Weaknesses

- Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure.
- Non-Revision and less flexibility in the University Curriculum.

O: Opportunities

- Scope for strengthening the industry-institute interaction for better placements of students.
- Re-emergence of trends of basic sciences.

C: Challenges

- Mushrooming of new universities and institutes in neighboring states/areas
- The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.



4. Evaluative Report of the Course – B.Sc., M.Sc. (Biotechnology)

1. Name of the Department : Science (Biotechnology)					
2. Year of Establishment : B.Sc. Biotechnology -2006; M.Sc. Biotechnology- 2009					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate	B.Sc. (Biotechnology) (duration 3 years)				
Postgraduate	M.Sc.(Biotechnology) (duration 2 years)				
4. Names of Interdisciplinary courses and the departments/units involved : Chemistry/Botany/ Bioinformatics					
5. Annual/ semester/choice based credit system (Programme wise): Semester System as per university B.Sc. (Biotechnology) with six semesters M. Sc.(Biotechnology) with four semesters					
6. Participation of the department in the courses offered by other departments : B.Sc. Bioinformatics (For Practical's related to Biotechnology)					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil (But Teachers enroll students for Ph.d with other Universities as Supervisors and Co-Supervisors). No. of on going- Ph. D students with Dept.- 03 Teena Pathak, Sandeep Punia & Swati (CSIR-JRF)					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	--	--	--	--	
Assistant Professor	01	05	01	05	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc/D.Litt/Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.Kuldeep Kumar	Ph.D. NET	Assistant Professor	Biosensor	08	01-Completed 03-Ongoing



Dr. Diwakar Aggarwal	Ph.D.	Assistant Professor	Plant Biotechnology	04	Nil
Dr. Mandeep Kataria	Ph.D.	Assistant Professor	Plant Biosensor	03	Nil
Ms. Teena Pathak	M.Phil	Assistant Professor	Biochemistry	07	Nil
Mr. Sanjeev Kumar	M.Phil.	Assistant Professor	Physical Chemistry	06	Nil
Mrs. Ruhi	M.Sc.	Assistant Professor	Organic Chemistry	02	Nil

11. List of senior visiting faculty : Nil**12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty**

Class	% of lectures by temporary faculty
B.Sc Biotechnology	80 %
M.Sc Biotechnology	70 %

13. Student -Teacher Ratio (programme wise)

Name of the programme	B.Sc.	M.Sc.	
Student Teacher Ratio	20.25 : 1	6.1 : 1	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 01 Administrative staff, 02 Technical 01 supporting staff.**15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)**

3/6 is Ph D	2/6 are M Phil	1/6 are NET	6/6 are PG
-------------	----------------	-------------	------------

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : One**17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received :**

Name of Project	PI	Funding Agency	Amount (Rs in lakhs)	Year	Status
Development of Biosensor for monitoring L-Asparagine in clinical & food samples	Dr. Kuldeep Kumar	UGC	1.10	2011-2013	Ongoing

18. Research Centre /facility recognized by the University: Presently Dept. has 4 Labs, Which are designed and equipped according to university norms/Curriculum. One common Central Instrumentation Lab with state of art highly sophisticated instruments was established in the college from the grants received from UGC. Bioinformatics practical were done in Bioinformatics department		
19. Publications: Annexure-BT1		
Dr. Kuldeep Kumar	18	
Dr. Diwakar Aggarwal	11	
Dr. Mandeep Kataria	04	
Ms. Teena Pathak	04	
Mr. Sanjeev Kumar	04	
Mrs. Ruhi	00	
Number of papers published in peer reviewed journals (national/ International) by faculty and students: 30		
Books Edited: Nil		
Books with ISBN/ISSN numbers with details of publishers: Nil		
Citation Index:		
❖ SNIP- ❖ SJR- ❖ Impact factor:		
Sr. No.	Faculty	Cumulative Impact Factor
1.	Dr. Kuldeep Kumar	11
2.	Dr. Diwakar Aggarwal	11
3.	Dr. Mandeep Kataria	01
4.	Ms. Teena Pathak	01
h-index (Google)		
Sr. No.	Faculty	h-index
1	Dr. Kuldeep Kumar	03
2	Dr. Diwakar Aggarwal	06
3	Dr. Mandeep Kataria	01
20. Areas of consultancy and income generated: Nil		
21. Faculty as members in		
a) National committees b) International Committees c) Editorial Boards.... <i>Annexure-BT6</i>		
Dr. Kuldeep Kumar		
<ul style="list-style-type: none"> Member, Board of Studies in Biotechnology, Punjabi University, Patiala Member, Board of Studies in Life Sciences, Punjabi University, Patiala 		



- Life Member, The Biotech Research Society (BRSI).
- Member, Research Journal of Biotechnology
- Member, Editorial Review Board. The International Journal of Herbs and Medicinal Plants [IJHMP]. Canada

Dr. Mandeep Kataria

- Life Member, The Biotech Research Society (BRSI)

22. Student projects : a) Percentage of student who have done in-house projects including Interdepartmental/programme:

As per curriculum of M.Sc. Biotechnology, Students has to undergo six month Dissertation work. The projects for dissertation work was designed by the respective Faculties from the dept and after the completion of the work, it is evaluated by external Examiners from the university. **No. of Projects: 115**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NA

23. Awards / Recognitions received by faculty and students

Chancellor Medal conferred to Khuspreet Kaur, M.Sc. Biotech Student Session: 2011-12

24. List of eminent academicians and scientists / visitors to the department: Annexure –BT5

Name of Person	Institute
Dr. B.R. Yadav	National Dairy Research Institute, Karnal, Haryana (RACES-III March 2011 & NSETB-2012 Feb.)
Dr. Hari Om	National Institute of Health, USA (NSETB-2012 Feb.)
Dr. Lalit M. Bhardwaj	Central Scientific Instruments Organization (CSIO) (RACES-III March 2011) Chandigarh
Professor Aruna Bhatia	Department of Biotechnology, Punjabi University, Patiala (RACES-I, II, III & NSETB-2012)
Dr. R.S. Singh	Department of Biotechnology, Punjabi University, Patiala (RACES-III March 2011 & NSETB-2012 Feb.)
Prof. Neelam Verma	Department of Biotechnology, Punjabi University, Patiala (RACES-I, II, III & NSETB-2012 Feb.)
Dr. Anil Kumar Punia	National Dairy Research Institute, Karnal, Haryana (RACES-I, III, & NSETB-2012 Feb.)
Dr. CS Pundir	Maharishi Daynand University, Rohtak. (NSETB-2012 Feb.)
Dr. UC Banarjee	National Institute of Pharmaceutical Education and Research, Mohali (NSETB-2012 Feb.)
Dr. MS Reddy	Department of Biotech, Thapar University, Patiala. (NSETB-2012 Feb.)



Dr. Anil Kumar	Department of Biotech, Thapar University, Patiala. (NSETB-2012 Feb.)
Dr. Anil Sharma	Department of Biotech, MMU. Mullana. (NSETB-2012 Feb.& RACES-VI Nov)
Dr. Dhavnit Shah	Harvard School of Medicine, Harvard, USA (Expert Lecture 2013 Feb)
Dr. PP Balgir	Department of Biotechnology, Punjabi University, Patiala (RACES-I & II)
Dr. RC Gupta	Department of Botany, Punjabi University, Patiala (Science Fair)
DR. Dinesh Goyal	Department of Biotech, Thapar University, Patiala. (RACES-V)
Dr.Ashwani Mittal	Department of Biochemistry, Kurukh University, Kurukh (NSETB-2012 Feb.)
Dr. Anita Yadav	Department of Biotech, Kurukh University, Kurukh (NSETB-2012 Feb.)
Dr. RK Kohli	Department of Biotechnology, Punjab University, Chandigarh. (RACES-III)

25. Seminars/ Conferences/Workshops organized & the source of funding

Organized five national level conferences individually and in Collaboration with department of Chemistry

Name of Event	Date/Year	Source of Funding
Recent Advances in Chemical and Environmental Sciences (RACES)	16 th -17 th Jan 2009	College, Local Sponsors and Registration Fees
Recent Advances in Chemical and Environmental Sciences	22 nd -23 rd Jan 2010	College, Local Sponsors and Registration Fees, UGC
Recent Advances in Chemical and Environmental Sciences	28 th Feb. – 1 st March 2011	College, Local Sponsors and Registration Fees
National Symposium on Emerging Trends in Biotechnology	24 th February 2012	College, Local Sponsors and Registration Fees
Recent Advances in Chemical and Environmental Sciences (Including Biological Sciences)	13 th - 14 th November 2013	College, Local Sponsors and Registration Fees

Beside these conferences department also takes part in Annual Science Fair programme.



26. Student profile programme/course wise: Annexure-BT2**Session 2012-13**

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
B.Sc. I	25	19	2	17	78.94%	63.31%
B.Sc. II	12	12	1	11	100%	78.16%
B.Sc. III	05	05	03	02	60%	70.30%
M.Sc. I	18	15	3	12	100%	92.41%
M.Sc. II	33	33	02	31	90.90%	97.66%

27. Diversity of Students Annexure-BT2**Session 2012-13**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. I	68.42%	31.57%	NIL
B.Sc. II	91.66%	8.33%	NIL
B.Sc. III	100%	0	NIL
M.Sc. I	88.88%	11.11%	NIL
M.Sc. II	96.96%	3.03%	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Various competitive exams related to their higher studies (M. Sc and PhD) and other general competitions conducted by state govt. for various posts have been cleared by the students.



29. Student progression : Annexure-BT3

Student progression	Against % enrolled
UG to PG	80%
PG to M. Phil.	NA
PG to Ph.D.	10
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	07
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	Yes
c) Class rooms with ICT facility	Yes
d) Laboratories	04, Yes

31. Number of students receiving financial assistance from college, university, government or other agencies: Annexure -BT4

Year	Total No. of Students	Amount
2009-10	01	10000/-
2010-11	09	41930/-
2011-12	08	38580/-
2012-13	08	48500/-
2013-14	17	77320/-

Total Amount: Rs. 216330/-

Financial support was given to science students in sports category.

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts: Annexure -BT 7 & Annexure -BT5a

- Students of M. Sc. Biotechnology have to under go 45 days summer training in different research institutes and industries after completion of their 1st year.
- Students were sent of the different research institutes and industries like AIIMS New Delhi, IMTECH, Chandigarh, IHBT, Palampur, Glaxo Smith Kleen Beecham, Nabha and Pepsico India holdings Pvt. Ltd, Chanoo etc.
- Organized five national level conferences individually and in Collaboration with department of Chemistry.



33. Teaching methods adopted to improve student learning:

- Demonstration
- Computer assisted teaching
- Expert lecture were conducted for students
- Seminars/ Assignment of different topics were given to the Students
- Paper presentation
- Seminars
- Interactive Teaching
- Use of e-resources
- Assignments
- In House Projects

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Awareness camps organized by the department for checking adulteration in milk and other food products.
- Studies have also been carried out to study the microbiological analysis of public places like ATM, computer keyboards etc. during this special emphasis has been given to the screening of pathogenic organisms responsible for causing deadly diseases.
- Faculty as well as students actively takes part in extension activities and programmes related to social responsibility conducted by college and its NSS wing.
- National Girl Child Day and International Women Day.
- Anti- Drug Campaign
- Awareness against Female Feticide
- First aid camp

35. SWOC analysis of the department and Future plans**S: Strength**

- As per "The Tribune" in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream.
- Consistent merit positions including university toppers
- State of art instrumental Facilities
- Spacious and Well stocked laboratories
- Sincere and dedicated staff
- Department is backed by well stocked college library
- Consistent merit positions including university toppers in both M.Sc and B.Sc.
- Maximum research publications
- Successfully organization of five national conferences



W: Weaknesses <ul style="list-style-type: none"> • Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure. • Non-Revision and less flexibility in the University Curriculum.
O: Opportunities <ul style="list-style-type: none"> • Scope for strengthening the industry-institute interaction for better placements of students. • Re-emergence of trends of basic sciences.
C: Challenges <ul style="list-style-type: none"> • Mushrooming of new universities and institutes in neighboring states/areas • The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.
Future plans Exploring the possibility of Honours Courses at Graduation Level.



5. Evaluative Report of the Course – M.Sc. (Chemistry)

1. Name of the Department : Department of Science (Course: M.Sc. Chemistry)					
2. Year of Establishment : 2007					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Postgraduate	M.Sc. Chemistry (duration 2 years)				
4. Names of Interdisciplinary courses and the departments/units involved : M.Sc. (Chemistry)					
5. Annual/ semester/choice based credit system (Programme wise) : M.Sc. (Chemistry) with four semesters					
6. Participation of the department in the courses offered by other departments : B.Sc. Medical					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	--	00	--	--	
Assistant Professor	02	01	02	01	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt/Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Sanjay Kumar	Ph.D.	Assistant Professor	Organic Chemistry	06	02
Dr. Meenu	Ph.D.	Assistant Professor	Inorganic Chemistry	09	Nil
Ms. Nitika	M.Sc.	Assistant Professor	Inorganic Chemistry	04	Nil



11. List of senior visiting faculty : Nil						
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty						
Class	% of lectures by temporary faculty					
M.Sc Chemistry	30 %					
13. Student -Teacher Ratio (programme wise)						
Name of the programme					M.Sc.	
Student Teacher Ratio					12.3 : 1	
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :						
01 Administrative staff, 02 supporting staff. 03 Technical						
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)						
2/3 is Ph D 1/3 are M Phil 1/3 are NET 3/3 are PG						
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil						
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Yes						
Sr. No.	Name of Project	PI/Dept.	Funding Agency	Amount (Rs in lakhs)	Year	Status
1	Synthesis, Characterization and antimicrobial evaluation of novel pyrimidine derivatives	Dr. Sanjay Kumar	UGC	1.60	2010-11	Completed
2		Dr. Meenu				Applied
18. Research Centre /facility recognized by the University: Presently Dept. has 4 Labs, Which are designed and equipped according to university norms/Curriculum. One common Central Instrumentation Lab with state of art highly sophisticated instruments was established in the college from the grants received from UGC.						



19. Publications: (Annexure-CH1)	
Paper Presented	17
Paper Published	11
FDP attended	05
<p>Number of papers published in peer reviewed journals (national/ International) by faculty and students: 17</p> <p>Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):</p> <p>Monographs- Nil</p> <p>Chapter in Books- Nil</p> <p>Books Edited: Nil</p> <p>Books with ISBN/ISSN numbers with details of publishers: Nil</p> <p>Citation Index: 10 (Dr. Sanjay Kumar)</p>	
20. Areas of consultancy and income generated	
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms): Nil	
21. Faculty as members in	
a) National committees b) International Committees c) Editorial Boards....(Annexure-CH6)	
<p><u>Dr. Sanjay Kumar</u></p> <ul style="list-style-type: none"> Advisory Member, Chemical Science Transactions, Life Member, Indian Science Congress Association, Kolkata, Life Member, Indian Science Congress Association, Haridwar Chapter Life member, Indian Society of Analytical Scientists, Delhi Chapter, Member, Indian Council of Chemists, Agra <p>Reviewer of international research journals</p> <ul style="list-style-type: none"> Journal of Heterocyclic Chemistry, Journal of Saudi Chemical Society, Arabian Journal of Chemistry Journal of Medicinal Plants Research, Indian Journal of Chemical Technology, International Journal of Plant Physiology and Biochemistry 	



Dr. Meenu	
<ul style="list-style-type: none"> Member Indian Society of Analytical Scientists - Delhi Chapter LM-19/2013 	
22. Student projects : Nil	
23. Awards / Recognitions received by faculty and students	
Dr. Sanjay Kumar	
<ul style="list-style-type: none"> Awarded Post Doctoral Raman Fellowship of UGC for Harvard University. Chaired a Session Chair at National Conference “National Chemical Constellation Cheminar”, held at Department of Chemistry, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab on 20-21 August, 2011. Resource person at National Seminar on “Toxic Trails of Punjab” held at A. S. College, Khanna, on 01-02 March, 2012. 	
24. List of eminent academicians and scientists / visitors to the department: Annexure –CH5	
Name of Person	Institute
Prof. SVS Kesar	Punjab University, Chandigarh (RACES-IV)
Dr. IR Trehan	Punjab University, Chandigarh (RACES-IV)
Dr. Harish Chopra	SLIET, Lonogowal (RACES-I, IV)
Dr. Inderpal	Thapar University, Patiala. (RACES-V)
Dr. Boonamali Pal	Thapar University, Patiala. (RACES-V)
Dr. M.Yosuf	Punjabi University, Patiala (RACES-II& III)
Dr. Jagtar Singh	Punjabi University, Patiala (RACES-I & II)
Dr. Nirmal Kaur	Punjabi University, Patiala (RACES-V)
Dr. Baldev Singh	Punjabi University, Patiala (RACES-II)
Dr. Balbir Kaur	Punjabi University, Patiala (RACES-II)
Dr. Raman K Singh	Punjabi University, Patiala (RACES-I, II, V)
Dr. Manoj Kumar	Guru Nanak Dev University, Amritser (RACES-I)
Dr. MP Mahjan	Guru Nanak Dev University, Amritser (RACES-I)
Dr. Kamal K Kapoor	Jammu University, Jammu (RACES-VI)



Dr. Swarnajit Singh	IMTECH, Chandigarh (RACES-V)
Dr. Mannar Maurya	IIT, Roorkee (RACES-III)
Dr. NR Dhamiwal	Punjabi University, Patiala (RACES-I, II & V)
Dr. Amlendu Paul	Kurukh University, Kurukh (RACES-II)
Dr. Asit Chakrabarty	NIPER, Mohali (RACES-II)
Prof. Bhartam	NIPER, Mohali (RACES-VI)

25. Seminars/ Conferences/Workshops organized & the source of funding

a) **National : 06** Recent Advances in Chemical and Environmental Sciences (Including Biological Sciences)

b) **International : Nil**

c) **One day seminar on topic: Nil**

26. Student profile programme/course wise: (2012-13) *Annexure-CH2*

Name of the Course/programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
M.Sc.I Chemistry	45	36	12	24	80.56%	75.72%
M.Sc.II Chemistry	33	33	5	28	90.90%	92.01%

27. Diversity of Students

Session 2012-13 *Annexure-CH2*

Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
M.Sc.I Chemistry	100%	0	Nil
M.Sc.II Chemistry	66.67%	33.33%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Various competitive exams related to their higher studies (PhD) and other general competitions conducted by state govt. for various posts have been cleared by the students



29. Student progression : Annexure-CH3

Student progression	Against % enrolled
UG to PG	--
PG to M. Phil.	--
PG to Ph.D.	10
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	10
• Other than campus recruitment	50
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	Yes wi-fi campus
c) Class rooms with ICT facility	Yes
d) Laboratories	Yes, 04

31. Number of students receiving financial assistance from college, university, government or other agencies: Annexure -CH4

Year	Total No. of Students	Amount
2009-10	01	10000/-
2010-11	09	41930/-
2011-12	08	38580/-
2012-13	08	48500/-
2013-14	17	77320/-

Total Amount: Rs. 216330/-

Financial support was given to science students in sports category.

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts. Annexure -CH7

- ✓ Students of M. Sc. Chemistry were given 45 days in house trainings by arranging special sessions



during their course of study, where they were given hands on training on sophisticated instruments.

- ✓ Students take part in the annual events of the college like RACES and science fair.

33. Teaching methods adopted to improve student learning:

- Demonstration
- Computer assisted teaching
- Expert lecture were conducted for students
- Use of research oriented software viz., chemdraw/chemsketch and Gaussian.
- Seminars/ Assignment of different topics were given to the Students
- Industrial Visits/ Excursion trips/ Visits to National research institutes were regularly undertaken to enhance their knowledge.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Awareness camps organized by the department for checking adulteration in milk and other food products.
- Faculty as well as students actively takes part in extension activities and programmes related to social responsibility conducted by college and its NSS wing.

35. SWOC analysis of the department and Future plans

S: Strength

- As per “The Tribune” in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream.
- Consistent merit positions including university toppers
 - State of art instrumental Facilities
 - Spacious and Well stocked laboratories
 - Sincere and dedicated staff
 - Department is backed by well stocked college library
 - Facilities for in house project of M. Sc. Students



W: Weaknesses

- Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure.
- Non-Revision and less flexibility in the University Curriculum.

O: Opportunities

- Scope for strengthening the industry-institute interaction for better placements of students.
- Re-emergence of trends of basic sciences.

C: Challenges

- Mushrooming of new universities and institutes in neighboring states/ areas
- The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.



6. Evaluative Report of the Course – M.Sc. (Pharmaceutical Chemistry)

1. Name of the Department : Science (M.Sc. Pharmaceutical Chemistry)					
2. Year of Establishment : 2008					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Postgraduate	M.Sc. Pharmaceutical Chemistry (duration 2 years)				
4. Names of Interdisciplinary courses and the departments/units involved : Chemistry					
5. Annual/ semester/choice based credit system (Programme wise): Semester System as per university M.Sc. Pharmaceutical Chemistry - 4 semesters					
6. Participation of the department in the courses offered by other departments :					
	Sr. No	Name of Course	Participation		
	1.	M.Sc. Chemistry	Medicinal Chemistry		
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	--	--	--	--	
Assistant Professor	--	02	--	02	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Anupama Parmar	Ph.D.	Assistant Professor	Organic Chemistry	18	Nil
Ms. Chitranshi	M.Sc.	Assistant Professor	Pharma Chemistry	1	Nil
11. List of senior visiting faculty : Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty					
Class	% of lectures by temporary faculty				
M.Sc Phar Chemistry	100 %				



13. Student -Teacher Ratio (programme wise)			
Name of the programme	M.Sc.		
Student Teacher Ratio	4.5 : 1		
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :			
01 Administrative staff, 01 Technical 01 supporting staff.			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)			
1/2 is Ph D	0/2 are M Phil	0/2 are NET	2/2 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL			
18. Research Centre /facility recognized by the University: Presently Dept. has 1 Lab, Which is designed and equipped according to university norms/Curriculum. One common Central Instrumentation Lab with state of art highly sophisticated instruments was established in the college from the grants received from UGC. Bioinformatics practical were done in Bioinformatics department			
19. Publications: (Annexure-PC1)			
Dr. Anupama Parmar	07		
Ms. Chitranshi	00		
Number of papers published in peer reviewed journals (national/ International) by faculty and students: 07			
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):			
Monographs- Nil			
Chapter in Books- Nil			
Books Edited: Nil			
Books with ISBN/ISSN numbers with details of publishers: Nil			
Citation Index: Nil			
20. Areas of consultancy and income generated: Nil			
21. Faculty as members in			
a) National committees b) International Committees c) Editorial Boards.... 1			
Dr. Anupama Parmar			
Member Punjab Academy of Sciences			
22. Student projects : a) Percentage of student who have done in-house projects including Interdepartmental/programme:			
As per curriculum of M.Sc. Pharmaceutical Chemistry, Students has to undergo six month			



Dissertation work. The projects for dissertation work was designed by the respective Faculties from the dept and after the completion of the work, it is evaluated by external Examiners from the university (50 projects).

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students

Two University Gold medals in 2011 and 2013.

24. List of eminent academicians and scientists / visitors to the department: (Annexure-PC5)

Name of Person	Institute
Prof. SVS Kesar	Punjab University, Chandigarh (RACES-IV)
Dr. IR Trehan	Punjab University, Chandigarh (RACES-IV)
Dr. Harish Chopra	SLIET, Lonogowal (RACES-I, IV)
Dr. Inderpal	Thapar University, Patiala. (RACES-V)
Dr. Boonamali Pal	Thapar University, Patiala. (RACES-V)
Dr. M.Yosuf	Punjabi University, Patiala (RACES-II& III)
Dr. Jagtar Singh	Punjabi University, Patiala (RACES-I & II)
Dr. Nirmal Kaur	Punjabi University, Patiala (RACES-V)
Dr. Baldev Singh	Punjabi University, Patiala (RACES-II)
Dr. Balbir Kaur	Punjabi University, Patiala (RACES-II)
Dr. Raman K Singh	Punjabi University, Patiala (RACES-I, II, V)
Dr. Manoj Kumar	Guru Nanak Dev University, Amritser (RACES-I)
Dr. MP Mahjan	Guru Nanak Dev University, Amritser (RACES-I)
Dr. Kamal K Kapoor	Jammu University, Jammu (RACES-VI)
Dr. Swarnajit Singh	IMTECH, Chandigarh (RACES-V)
Dr. Mannar Maurya	IIT, Roorkee (RACES-III)
Dr. NR Dhamiwal	Punjabi University, Patiala (RACES-I, II & V)
Dr. Amlendu Paul	Kurukhestra University. Kurukhestra (RACES-II)
Dr. Asit Chakarbarty	NIPER, Mohali (RACES-II)
Prof. Bhartam	NIPER, Mohali (RACES-VI)

25. Seminars/ Conferences/Workshops organized & the source of funding

Organized five national level conferences individually and in Collaboration with department of Chemistry , Beside these conferences department also takes part in Annual Science fare programme.



26. Student profile programme/course wise: see Annexure PC2

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage	University Pass percentage
2012-13			Male	Female		
M.Sc. I	5	3	1	2	100%	96.15%
M.Sc. II	6	6	3	3	83.33%	89.10%

27. Diversity of Students: PC2

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2012-13			
M.Sc. I	100%	0	Nil
M.Sc. II	83.33%	16.66%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Various competitive exams related to their higher studies (M. Sc and PhD) and other general competitions conducted by state govt. for various posts have been cleared by the students.

29. Student progression : Annexure-PC3

Name of Course	Placements (2009-2013)
M.Sc. Pharma Chemistry	5 on-campus
M.Sc. Pharma Chemistry	25 off-campus
Total Candidates	30
PG to Ph.D.	02

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	NO
c) Class rooms with ICT facility	NO
d) Laboratories	Yes, 01



31. Number of students receiving financial assistance from college, university, government or other agencies: Annexure -PC4

Year	Total No. of Students	Amount
2009-10	01	10000/-
2010-11	09	41930/-
2011-12	08	38580/-
2012-13	08	48500/-
2013-14	17	77320/-

Total Amount: Rs. 216330/-

Financial support was given to science students in sports category.

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts: Annexure -PC7

- Students of M. Sc. Pharmaceutical Chemistry have to under go 45 days summer training in different industries after completion of their 1st year.
- Students take part in the annual events of the college like RACES and science fair.

33. Teaching methods adopted to improve student learning:

- Demonstration
- Computer assisted teaching
- Expert lecture were conducted for students
- Use of research oriented software viz., chemdraw/chemsketch and Gaussian.
- Seminars/ Assignment of different topics were given to the Students
- Industrial Visits/ Excursion trips/ Visits to National research institutes were regularly undertaken to enhance their knowledge.
- Use of e-resources

34. Participation in Institutional Social Responsibility (ISR) and Extension activities



<ul style="list-style-type: none"> Awareness camps organized by the department for checking adulteration in milk and other food products. Faculty as well as students actively takes part in extension activities and programmes related to social responsibility conducted by college and its NSS wing.
35. SWOC analysis of the department and Future plans S: Strength <ul style="list-style-type: none"> As per “The Tribune” in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream. Consistent merit positions including university toppers State of art instrumental Facilities Spacious and Well stocked laboratories Sincere and dedicated staff Department is backed by well stocked college library Facilities for in house project of M. Sc. Students
W: Weaknesses <ul style="list-style-type: none"> Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure. Non-Revision and less flexibility in the University Curriculum.
O: Opportunities <ul style="list-style-type: none"> Scope for strengthening the industry-institute interaction for better placements of students. Re-emergence of trends of basic sciences.
C: Challenges <ul style="list-style-type: none"> Mushrooming of new universities and institutes in neighboring states/areas The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.
Future Plan To explore the possibility of collaborative work with pharmaceutical industry.



7. Evaluative Report of the Course – M.Sc. (Mathematics)

1. Name of the Department : Science (M.Sc. Mathematics)					
2. Year of Establishment : 2011					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Postgraduate	(M.Sc. Mathematics)- 2 Years				
4. Names of Interdisciplinary courses and the departments/units involved : Botany					
5. Annual/ semester/choice based credit system (Programme wise): Semester System as per university (M.Sc. Mathematics)- 4 semesters					
6. Participation of the department in the courses offered by other departments M.sc Chemistry, BBA, BCA, Bioinfo and B. Com					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	--	--	--	--	
Assistant Professor	01	04	01	04	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Varun Jain	M.Phil. NET	Assistant Professor	Mathematics	08	Nil
Ms. Rajvinder Kaur	M.Sc. NET M.Phil.	Assistant Professor	Mathematics	4.5	Nil
Ms. Payal Singla	M.Phil.	Assistant Professor	Mathematics	1.5	Nil
Ms. Sakshi	M.Sc.	Assistant Professor	Mathematics	1.5	Nil
Ms. Preeti	M.Sc.	Assistant Professor	Mathematics	01	Nil



11. List of senior visiting faculty : Nil			
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty			
Class	% of lectures by temporary faculty		
M.Sc. Mathematics	70 %		
13. Student -Teacher Ratio (programme wise)			
Name of the programme	M.Sc.		
Student Teacher Ratio	5.5:1		
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :			
01Administrative staff, 00 Technical 01 supporting staff.			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)			
0/5 is Ph D 2/5 are M Phil 2/5 are NET 5/5 are PG			
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL			
18. Research Centre /facility recognized by the University: Nil			
19. Publications: (Annexure-MT1)			
Mr. Varun Jain	05		
Ms. Rajvinder Kaur	Nil		
Ms. Payal Singla	05		
Ms. Sakshi	Nil		
Ms. Preeti	Nil		
Number of papers published in peer reviewed journals (national/ International) by faculty and students: 10			
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host ,etc.): Monographs- Nil			
Chapter in Books- 03			
Name of Faculty	BOOK NAME	ISBN	PUBLISHER/YEAR
Mr. Varun Jain	A Text Book of Co-ordinate Geometry	978-81-7608-657-8	Dinesh publication/ June-2013
	Mathematical foundation of computer Science	978-93-81-261-95-8	Sharma Publications/2014



Ms. Payal Singla	Open Shop Scheduling (Minimizing Make Span)	978-3-659-25044-6	Lambert Academic Publishing, Germany / 2013			
Books Edited: Nil						
Books with ISBN/ISSN numbers with details of publishers: Nil						
Citation Index: Nil						
21. Faculty as members in						
a) National committees b) International Committees c) Editorial Boards.....:						
Mr. Varun Jain						
1. Life member of ISTE.						
2. Life member of International Association of Engineers.						
3. Annual Membership of Punjab science congress.						
22. Student projects : a) Percentage of student who have done in-house projects including Interdepartmental/programme: Nil						
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil						
23. Awards / Recognitions received by faculty and students: Nil						
24. List of eminent academicians and scientists / visitors to the department: (Annexure-MT5)						
Dr. Satya Bir Singh	Punjabi University, Patiala (Expert lecture)					
Dr. R.K. Nagaich	Punjabi University, Patiala (Expert lecture)					
Dr. N.S. Noorie	Punjabi University, Patiala (Expert lecture)					
25. Seminars/ Conferences/Workshops organized & the source of funding: Nil						
26. Student profile programme/course wise: see Annexure MT2						
Name of the Course/programme	Applications received	Selected	Enrolled	Pass percentage	University Pass percentage	
2012-13			Male	Female		
M.Sc. I	20	15	2	13	66.66%	71.09%
M.Sc. II	13	13	0	13	84.61%	91.8%
27. Diversity of Students Annexure MT2						
Name of the Course	% of students from the same state	% of students from other States	% of students from abroad			
2013-14						
M.Sc. I	100%	00	Nil			
M.Sc. II	100%	00	Nil			



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Various competitive exams related to their higher studies (PhD) and other general competitions conducted by state govt. for various posts have been cleared by the students

29. Student progression : Annexure MT3

Student progression	Against % enrolled
UG to PG	NA
PG to M. Phil.	NA
PG to Ph.D.	02
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	NIL
Entrepreneurship/Self-employment	--

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	Yes
c) Class rooms with ICT facility	No
d) Laboratories	No

31. Number of students receiving financial assistance from college, university, government or other agencies: Annexure MT4

Year	Total No. of Students	Amount
2009-10	01	10000/-
2010-11	09	41930/-
2011-12	08	38580/-
2012-13	08	48500/-
2013-14	17	77320/-

Total Amount: Rs. 216330/-

Financial support was given to science students in sports category.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning

- Computer assisted teaching
- Use of Statistical tools for data analysis.
- Expert lectures were conducted for students



- Seminars/ Assignment of different topics was given to the Students.
- Industrial Visits/ Excursion trips/ Visits to National research institutes were regularly undertaken to enhance their knowledge.
- Use of e-resources

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Students participate in Environmental Awareness programmes,
- AIDS awareness,
- Blood Donation camp,
- Traffic awareness,
- National Youth day,
- National Girl Child Day and International Women Day.
- Anti- Drug Campaign,
- Awareness against Female Feticide,
- First aid camp

35. SWOC analysis of the department and Future plans

S: Strength

- As per “The Tribune” in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 5 colleges of northern region in Science stream.
- Consistent merit positions including university toppers
- State of art instrumental Facilities
- Spacious Computer laboratories
- Sincere and dedicated staff
- Department is backed by well stocked college library

W: Weaknesses

- Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure.
- Non-Revision and less flexibility in the University Curriculum.

O: Opportunities

- Scope for strengthening the industry-institute interaction for better placements of students.
- Re-emergence of trends of basic sciences.

C: Challenges

- Mushrooming of new universities and institutes in neighboring states/areas
- The college is constrained to continue with adhoc staff which does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant sanctioned posts.



8. Evaluative Report of the Course – B.Com.

1. Name of the Department : Department of Commerce (Course B.Com)					
2. Year of Establishment : 1967					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate		B Com (duration 3 years)			
4. Names of Interdisciplinary courses and the departments/units involved : B. Com (Professional), M. Com					
5. Annual/ semester/choice based credit system (Programme wise) B. Com with six semesters					
6. Participation of the department in the courses offered by other departments : Nil					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
		Sanctioned		Filled	
		Regular	Adhoc	Regular	Adhoc
Professor		--	--	--	--
Associate Professor		03	00	03	--
Assistant Professor		00	04	00	04
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Nirmal Singh	M Com	Associate Professor.	Accounting & Finance	34	Nil
Sharwan Kumar	M Com, M Phil	Associate Professor	Accounting & Law	31	Nil
Neena Sareen	M Com, M Phil	Associate Professor	Finance & Accounting	28	Nil
Dr Amandeep Kaur	MA (Economics), M Phil, UGC(NET), Ph D	Asstt. Professor	Economics	07	Nil
Gurpreet Kaur	M Com, M Phil, MBA, HDCM	Asstt. Professor	Human Resource	04	Nil
Gagandeep Kaur	M Com, MBA, MA (Eco.) UGC(NET)	Asstt. Professor	HR	06	Nil
Paramjeet Kaur	M Com, B Ed, UGC(NET)	Asstt. Professor	Accounting & Finance	05	Nil



11. List of senior visiting faculty : Nil			
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty			
Class	% of lectures by temporary faculty		
B Com-I	77.77%		
B Com-II	80.00%		
B Com-III	64.28%		
13. Student -Teacher Ratio (programme wise)			
Name of the programme	B Com I	B Com II	B Com III
Student Teacher Ratio	44.9 : 1	50.1 : 1	50.5 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :			
02 Administrative staff, 05 supporting staff.			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)			
1/7 is Ph D 4/7 are M Phil 2/7 are NET 7/7 are PG			
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil			
18. Research Centre /facility recognized by the University: No research center as such has been approved however faculty is approved by Punjabi university for supervising research work and supervising research scholar pursuing their Ph.D. with Punjabi university.			
19. Publications: (Annexure-C1)			
Paper Presented	20		
Paper Published	Nil		
FDP attended	09		
20. Areas of consultancy and income generated			
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms)			
<ul style="list-style-type: none"> • Consultancy services provided free of cost in Income Tax and filling of IT Returns. • Our faculty also gives their services to ICWA course. 			
21. Faculty as members in			
a) National committees b) International Committees c) Editorial Boards.			
<ul style="list-style-type: none"> • One faculty member represents as a member of advisory committee of Public Girls Senior Secondary School, Patran • Two members have taken life membership of National body-PCMA. • One faculty represent as a member of Board of Studies of under graduate classes of Business Studies, Punjabi University, Patiala. 			
22. Student projects : Nil			



23. Awards / Recognitions received by faculty and students						
<p>Prof. Sharwan Kumar-award of Meritorious Teacher by PUNJAB COMMERCE AND MANAGEMENT ASSOCIATION at International conference in the year 2013-14 on Feb. 08, 2014 at Chandigarh University.</p> <p>Our 01 Student has been conferred Gold Medal by Punjabi University for getting First Position in the University:</p> <p>Himakshi (B.Com 2012-13)</p>						
24. List of eminent academicians and scientists / visitors to the department:						
<p>Eminent Academicians / Scientists who have Visited the Department</p> <ul style="list-style-type: none"> • Dr Sucha Singh Gill, Director, CRID, Chandigarh, former member Planning Commission, State Govt. • Dr B B Singla, Punjabi University, Patiala. • Dr S K Chadha, Professor, UBS, Panjab University, Chandigarh. • Dr Ravi Kiran, Thapar University, Patiala. • Dr B S Bhatia, Director-General, R I M T, Mandi Gobindgarh. • Dr S C Vaidya, Panjab University, Chandigarh. • Dr. J S Pasricha, Punjabi University, Patiala. • Dr. A S Chawla, Punjabi University, Patiala. • Dr. G S Batra, Punjabi University, Patiala. 						
25. Seminars/ Conferences/Workshops organized & the source of funding						
<p>a) National: 01 "Contemporary Socio Economic dimensions in the growth of Business April 2013" College funded.</p> <p>One day seminar on topic: Global Competitiveness by Dr. S.C. Vaidya on November 13, 2010. College funded</p>						
b) International : Proposed for November 07-08, 2014 in collaboration with PCMA						
26. Student profile programme/course wise: (2013-14) (Annexure-C2)						
Name of the Course/programme	Applications Received	Selected	Enrolled Male Female		Pass percentage	University Pass percentage
B Com-I	640	197	110	87	98%	83.71%
B Com-II	197*	183	89	94	97%	81.45%
B Com-III	183**	159	67	92	100%	90.56%
<p>* 14 students migrated</p> <p>** 24 students fail/dropout</p> <p>*** Results pertaining to last five years is shown as annexure-C2</p>						



27. Diversity of Students			
Session 2013-14			
Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
B Com-I	99%	01%	--
B Com-II	98.93%	1.07%	--
B Com-III	98.30%	1.70%	--
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?			
Some of our students have cleared exams like Bank (PO), UGC (NET), IPS, Defense services and many other National and State level Competitive exams.			
29. Student progression :			
14/30 have joined UG to PG course M.Com in our college and several students of our college also joined the other PG courses of University like: MBA, MFC, MA (Eco.), M.Phil., Ph.D. and POST-Doctoral along with other Universities.			
	Year	No. of placements	
Employed	2008-09	10	
• Campus selection	2009-10	34	
(Annexure-C3)	2010-11	30	
	2011-12	20	
	2012-13	13	
Other than campus Recruitment, Entrepreneurship/Self-employment:			
Commerce students are placed in various services like: Defense, Banks, Govt. Sector, Private Firms and Companies etc. Many of our students are successful entrepreneurs of this region but it is very difficult to give the exact data of those students.			
30. Details of Infrastructural facilities			
a) Library		Yes	
b) Internet facilities for Staff & Students		Yes wi-fi campus	
c) Class rooms with ICT facility		01	
d) Laboratories		01 lab with 20 computers	
31. Number of students receiving financial assistance from college, university, government or other agencies			
<ul style="list-style-type: none">• Chavvi Jindal Scholarship (05) students• Maha Kali Charitable Trust (Regd.), Patiala. (01) Students.• Sports aid by SAI (21) students. (Annexure-C4)			
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts			
<ul style="list-style-type: none">• Special lecture by Dr S C Vaidya on the topic Global Competitiveness on November 13, 2010.• National Seminar on Contemporary Socio Economic Dimensions in the Growth of Business on April 06, 2013			



33. Teaching methods adopted to improve student learning
<ul style="list-style-type: none"> • Computer assisted teaching • Use of e-resources • Group discussion • Paper presentation • Classroom seminars • Interactive Teaching • Assignments • Projects
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty participates as a resource person for ICAI classes. • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students actively participate in the various college activities - National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
<p>S: Strength</p> <ul style="list-style-type: none"> • Our faculty is able to attract students from other states and a 2nd meritorious student is joining as the Govt. colleges attract the top merits due to their less fee structure. • As per "The Tribune" in Guide to Best Colleges dated April 18, 2014 Multani Mal Modi College is in the top 10 colleges of northern region in Commerce stream. • Our department has been showing excellent performance consistently since the inception of this college in 1967. • The alumni of the department have been very well placed in administration, business and other social organizations which is most dependable factor for the image building of the faculty.
<p>W: Weaknesses</p> <ul style="list-style-type: none"> • The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum. • Second preference is been given to this college in this region as compare to Govt. college because of difference in fee structure.
<p>O: Opportunities</p> <ul style="list-style-type: none"> • The role of service sector in the Indian Economy is expanding and commerce as a separate field of study caters to this sector abundantly. • Recent studies indicate that banking sector will recruit lakhs of employees in the coming 5-10 years. Therefore a large number of students are interested to join commerce faculty.



C: Challenges

- With the opening up of higher education to different types of entrepreneur, new colleges are opening in the surrounding area which has increased the competition tremendously.
- The rate of change in the teaching methodology is very fast and we feel that we have to make extra efforts to cope up with the developments in the new technology.
- The college is constrained to continue with the ad-hoc staff which probably does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant posts in colleges.

Future plans

- The college has planned to move the faculty in ultra modern building with latest facilities for classroom as well as computer laboratories. This will provide an environment conducive for academic growth of the students as well as the faculty.
- The faculty is also shaping up to prepare the students for cracking the competitive exams.
- College has planned to start commerce courses in evening classes to expand enrollment opportunities for working persons and ensure the optimal use of infrastructure as well.



9. Evaluative Report of the Course – B.Com. (Professional)

1. Name of the Department : Department of Commerce (Course B.Com Professional)					
2. Year of Establishment : 1967 (B. Com Professional Course started in 2010)					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate			B Com Professional (duration 3 years)		
4. Names of Interdisciplinary courses and the departments/units involved : B. Com, M. Com					
5. Annual/ semester/choice based credit system (Programme wise) : B. Com Professional with six semesters					
6. Participation of the department in the courses offered by other departments : Nil					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	00	00	00	--	
Assistant Professor	00	04	00	04	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dilpreet Kaur	M Com, MBA, M Phil, UGC(NET)	Asstt. Professor	HR & Marketing	06	Nil
Shelly	M Com, MBA, M Phil UGC (NET)	Asstt. Professor	Finance	9.5	Nil
Charanleen Kaur	MBA.UGC(NET)	Asstt. Professor	HRM	02	Nil
Divjyot Kaur	MBA, UGC(NET)	Asstt. Professor	HR	02	Nil
11. List of senior visiting faculty : Nil					



12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty			
Class	% of lectures by temporary faculty		
B Com (P) -I	77.77%		
B Com (P) -II	72.72%		
B Com (P) -III	88.88%		
13. Student -Teacher Ratio (programme wise)			
Name of the programme	B Com (P) - I	B Com (P) - II	B Com (P) - III
Student Teacher Ratio	52.80 : 1	50.28 : 1	52.00 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :			
01 Administrative staff, 03 supporting staff.			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)			
2/4 are M Phil	4/4 are NET	4/4 are PG	
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil			
18. Research Centre /facility recognized by the University: No research center as such has been approved however faculty is approved by Punjabi university for supervising research work and supervising research scholar pursuing their PhD. with Punjabi university.			
19. Publications: (Annexure-C1)			
Paper Presented	09		
Paper Published	Nil		
FDP attended	Nil		
20. Areas of consultancy and income generated			
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms)			
<ul style="list-style-type: none">Consultancy services provided free of cost in Income Tax and filling of IT Returns.Our faculty also gives their services to ICWA course.			
21. Faculty as members in			
a) National committees b) International Committees c) Editorial Boards :			
<ul style="list-style-type: none">One member have taken life membership of National body-PCMA.			
22. Student projects :			
Our students of B Com-I (Professional) undergo for summer training for 4-6 weeks under a CA or any organization and have to submit a report. Viva is based on that report conducted by the affiliating university.			

23. Awards / Recognitions received by faculty and students :

Our 03 Students have been conferred Gold Medal by Punjabi university for getting First Position in the University:

Navneet Kaur (B.Com-(P) 2010-11)

Loveena Goyal (B.Com-(P) 2012-13)

Abha Garg (B.Com-(P) 2012-13)

24. List of eminent academicians and scientists / visitors to the department:

Eminent Academicians / Scientists who have Visited the Department

- Dr Sucha Singh Gill, Director, CRID, Chandigarh, former member Planning Commission, State Govt..
- Dr B B Singla, Punjabi University, Patiala.
- Dr S K Chadha, Professor, UBS, Panjab University, Chandigarh.
- Dr Ravi Kiran, Thapar University, Patiala.
- Dr B S Bhatia, Director-General, R I M T, Mandi Gobindgarh.
- Dr S C Vaidya, Panjab University, Chandigarh.
- Dr. J S Pasricha, Punjabi University, Patiala.
- Dr. A S Chawla, Punjabi University , Patiala.
- Dr. G S Batra, Punjabi University, Patiala.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : 01 "Contemporary Socio Economic dimensions in the growth of Business April 2013"
College funded

One day seminar on topic : Global Competitiveness by Dr. S.C. Vaidya on November 13,2010.
College funded

b) International : Proposed for November 07-08, 2014 in collaboration with PCMA

26. Student profile programme/course wise: (2013-14) (Annexure-C2*)**

Name of the Course/pro programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
B Com-I (Prof.)	273	65	26	39	100%	85.65%
B Com-II (Prof.)	65	65	29	36	100%	61.57%
B Com-III(Prof.)	65	63	32	31	100%	95.77%

*** Results pertaining to last five years is also shown as annexure-C2



27. Diversity of Students			
Session 2013-14			
Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
B Com-I (Prof.)	95.45%	4.55%	--
B Com-II (Prof.)	95.45%	4.55%	--
B Com-III (Prof.)	100%	Nil	--
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?			
Some of our students have cleared exams like Bank (PO), UGC (NET), IPS, Defense services and many other National and State level Competitive exams.			
29. Student progression :			
<ul style="list-style-type: none">14/30 has joined UG to PG course M.Com in our college.Several students of our college also joined the other PG courses of University like: MBA, MFC, MA(Eco.), M.Phill., Ph.D. and POST-Doctoral along with other Universities			
Employed	Year	No. of placemets	
<ul style="list-style-type: none">Campus selection(Annexure-C3)	2012-13	14	
Other than campus Recruitment, Entrepreneurship/Self-employment:			
Commerce students are placed in various services like: Defense, Banks, Govt. Sector, Private Firms and Companies etc. Many of our students are successful entrepreneurs of this region but it is very difficult to give the exact data of those students.			
30. Details of Infrastructural facilities			
a) Library	Yes		
b) Internet facilities for Staff & Students	Yes wi-fi campus		
c) Class rooms with ICT facility	01		
d) Laboratories	01 lab with 20 computers		
31. Number of students receiving financial assistance from college, university, government or other agencies			
<ul style="list-style-type: none">Maha Kali Charitable Trust (Regd.), Patiala. (03)Sports aid by SAI for one student: Arman Bhullar of B.Com-I(P) in Swimming			
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts			
<ul style="list-style-type: none">Special lecture by Dr. S. C. Vaidya on the topic Global Competitiveness on November 13, 2010.National Seminar on Contemporary Socio Economic Dimensions in the Growth of Business on April 06, 2013			
33. Teaching methods adopted to improve student learning			
<ul style="list-style-type: none">Computer assisted teaching			



<ul style="list-style-type: none"> • Use of e-resources • Group discussion • Paper presentation • Classroom seminars • Interactive Teaching • Assignments • Projects
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty participates as a resource person for ICAI classes. • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students actively participate in the various college activities - National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
S: Strength <ul style="list-style-type: none"> • Our faculty is able to attract students from other states and a 2nd meritorious student is joining as the Govt. colleges attract the top merits due to their less fee structure. • As per "The Tribune" in Guide to Best Colleges dated April 28, 2014 Multani Mal Modi College is in the top 10 colleges of northern region in Commerce stream. • Our department has been showing excellent performance consistently since the inception of this college in 1967. • The alumni of the department have been very well placed in administration, business and other social organizations which is most dependable factor for the image building of the faculty.
W: Weaknesses <ul style="list-style-type: none"> • The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum. • Second preference is been given to this college as compare to Govt. college because of difference in fee structure.
O: Opportunities <ul style="list-style-type: none"> • The role of service sector in the Indian Economy is expanding and commerce as a separate field of study caters to this sector abundantly. • Recent studies indicate that banking sector will recruit lacs of employees in the coming 5-10 years. Therefore a large number of students are interested to join commerce faculty.
C: Challenges <ul style="list-style-type: none"> • With the opening up of higher education to different types of entrepreneur, new colleges are opening in the surrounding area which has increased the competition tremendously.



- The rate of change in the teaching methodology is very fast and we feel that we have to make extra efforts to cope up with the developments in the new technology.
- The college is constrained to continue with the ad-hoc staff which probably does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant posts in colleges.

Future plans

- The college has planned to move the faculty in ultra modern building with latest facilities for classroom as well as computer laboratories. This will provide an environment conducive for academic growth of the students as well as the faculty.
- The faculty is also shaping up to prepare the students for cracking the competitive exams.
- College has planned to start commerce courses in evening classes to expand enrollment opportunities for working persons and ensure the optimal use of infrastructure as well.



10. Evaluative Report of the Course – M.Com.

1. Name of the Department: Department of Commerce (Course M.Com.)					
2. Year of Establishment : 1967 (M. Com course started in 2011)					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)					
Postgraduate			M. Com (duration 2 years)		
4. Names of Interdisciplinary courses and the departments/units involved : B. Com., B. Com(Professional)					
5. Annual/ semester/choice based credit system (Programme wise): M.Com with four semesters					
6. Participation of the department in the courses offered by other departments : Nil					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil (but teacher enroll students for Ph. D with other university as supervisors)					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	00	00	00	--	
Assistant Professor	02	00	02	00	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Parminder Kaur	M Com, MBA, M Phil, UGC (NET)	Asstt. Professor	Accounting, Finance & HR	18	Nil
Dr Deepika Singla	Ph D, M Com (Gold Medalist), PGDBM, UGC (NET)	Asstt. Professor	Accounting & Finance	13	05
11. List of senior visiting faculty : Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty					
Class	% of lectures by temporary faculty				
M Com-I	20.00%				
M Com-II	60.00%				



13. Student -Teacher Ratio (programme wise)		
Name of the programme	M Com I	M Com II
Student Teacher Ratio	24.80 : 1	21.6 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :		
01 Administrative staff, 01 supporting staff.		
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)		
1/2 is Ph. D	1/2 are M Phil	2/2 are NET
		2/2 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil		
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil		
18. Research Centre /facility recognized by the University: No research center as such has been approved however faculty is approved by Punjabi university for supervising research work and supervising research scholar pursuing their Ph.D. with Punjabi university.		
19. Publications: (Annexure-C1)		
Paper Presented	29	
Paper Published	02	
FDP attended	05	
Resource Developed	01	
Books Published	01	
20. Areas of consultancy and income generated		
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms)		
<ul style="list-style-type: none"> Consultancy services provided free of cost in Income Tax and filling of IT Returns. Our faculty also gives their services to ICWA course. 		
21. Faculty as members in		
a) National committees b) International Committees c) Editorial Boards....		
<ul style="list-style-type: none"> Both faculty members of our department are members of board of studies, Punjabi University, Patiala. Both members have taken life membership of National body-PCMA. 		
22. Student projects :		
Projects based on Marketing, Direct and Indirect Tax, Investment management, Research Methodology and E-Commerce are undertaken by M.Com-II students and project report is to be submitted to the concerned teacher.		
23. Awards / Recognitions received by faculty and students: Nil		
24. List of eminent academicians and scientists / visitors to the department:		
Eminent Academicians / Scientists who have Visited the Department		



- Dr. Sucha Singh Gill, Director, CRID, Chandigarh, former member Planning Commission, State Govt..
- Dr. B B Singla, Punjabi University, Patiala.
- Dr. S K Chadha, Professor, UBS, Panjab University, Chandigarh.
- Dr. Ravi Kiran, Thapar University, Patiala.
- Dr. B S Bhatia, Director-General, R I M T, Mandi Gobindgarh.
- Dr. S C Vaidya, Panjab University, Chandigarh.
- Dr. J S Pasricha, Punjabi University, Patiala.
- Dr. A S Chawla, Punjabi University, Patiala.
- Dr. G S Batra, Punjabi University, Patiala.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : 01 "Contemporary Socio Economic dimensions in the growth of Business April 2013" College funded

One day seminar on topic : Global Competitiveness by Dr. S.C. Vaidya on November 13,2010. College funded

b) International : Proposed for November 07-08, 2014 in collaboration with PCMA

26. Student profile programme/course wise: (2013-14) (Annexure-C2***)

Name of the Course/ programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
M Com-I	116	27	--	27	100%	90.97%
M Com-II	30	28	02	26	100%	99.2%

*** Results pertaining to last two years is shown as annexure-C2

27. Diversity of Students

Session 2013-14

Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
M Com-I	96.77%	3.23%	--
M Com-II	100%	Nil	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Some of our students have cleared exams like Bank (PO), UGC (NET), IPS, Defense services and many other National and State level Competitive exams.

29. Student progression :

- 14/30 have joined UG to PG course M.Com in our college.
- Several students of our college also joined the other PG courses of University like: MBA, MFC, MA (Eco.), M.Phil., Ph.D. and POST-Doctoral along with other Universities.



Employed	Year	No. of placements
<ul style="list-style-type: none">Campus selection	2012-13	02
Only one batch of students has passed out as yet.		
Other than campus Recruitment, Entrepreneurship/Self-employment: <ul style="list-style-type: none">Commerce students are placed in various services like: Defense, Banks, Govt. Sector, Private Firms and Companies etc. Many of our students are successful entrepreneurs of this region but it is very difficult to give the exact data of those students.		
30. Details of Infrastructural facilities		
a) Library	Yes	
b) Internet facilities for Staff & Students	Yes wi-fi campus	
c) Class rooms with ICT facility	01	
d) Laboratories	01 lab with 20 computers	
31. Number of students receiving financial assistance from college, university, government or other agencies		
<ul style="list-style-type: none">Maha Kali Charitable Trust (Regd.), Patiala (01)		
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts		
<ul style="list-style-type: none">Special lecture by Dr. S C Vaidya on the topic Global Competitiveness on November 13, 2010.National Seminar on Contemporary Socio-economic Dimensions in the Growth of Business on April 06, 2013		
33. Teaching methods adopted to improve student learning :		
<ul style="list-style-type: none">Computer assisted teachingUse of e-resourcesGroup discussionPaper presentationClassroom seminarsInteractive TeachingAssignmentsProjectsQuestion Banks		
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:		
<ul style="list-style-type: none">Department faculty participate as a resource person for ICAI classes.Department faculty and students participate in Environment related programmes to create awareness for environment friendly society.Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time.Department faculty and students actively participate in the various college activities - National Youth Day, National Girl Child Day, International Women Day etc.		



35. SWOC analysis of the department and Future plans
<p>S: Strength</p> <ul style="list-style-type: none"> • Our faculty is able to attract students from other states and 2nd meritorious students is joining as the Govt. colleges attract the top merits due to their less fee structure. • As per “The Tribune” in Guide to Best Colleges dated April 28, 2014 Multani Mal Modi College is in the top 10 colleges of the Northern region in Commerce stream. • Our department has been showing excellent performance consistently since the inception of this college in 1967. • The alumni of the department have been very well placed in administration, business and other social organizations which is most dependable factor for the image building of the faculty.
<p>W: Weaknesses</p> <ul style="list-style-type: none"> • The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum. • Second preference is been given to this college as compare to Govt. college because of difference in fee structure.
<p>O: Opportunities</p> <ul style="list-style-type: none"> • The role of service sector in the Indian Economy is expanding and commerce as a separate field of study caters to this sector abundantly. • Recent studies indicate that banking sector will recruit lakhs of employees in the coming 5-10 years. Therefore a large number of students are interested to join commerce faculty.
<p>C: Challenges</p> <ul style="list-style-type: none"> • With the opening up of higher education to different types of entrepreneur, new colleges are opening in the surrounding area which has increased the competition tremendously. • The rate of change in the teaching methodology is very fast and we feel that we have to make extra efforts to cope up with the developments in the new technology. • The college is constrained to continue with the ad-hoc staff which probably does not attract best talent in teaching faculty. This all is due to the vacillating attitude of the government towards recruitment against vacant posts in colleges.
<p>Future plans</p>
<ul style="list-style-type: none"> • The college has planned to move the faculty in ultra modern building with latest facilities for classroom as well as computer laboratories. This will provide an environment conducive for academic growth of the students as well as the faculty. • The faculty is also shaping up to prepare the students for cracking the competitive exams. • College has planned to start commerce courses in evening classes to expand enrollment opportunities for working persons and ensure the optimal use of infrastructure as well.



11. Evaluative Report of the Course – B.C.A.

1. Name of the Department : Department of Computer Science (BCA)					
2. Year of Establishment : 1998					
3. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate		BCA – 3 Year Course			
4. Names of Interdisciplinary courses and the departments/units involved : BSc(Computer Science), PGDCA, MSc(IT), MSc(IT-LE)					
5. Annual/ semester/choice based credit system (Programme wise) BCA - Six Semesters.					
6. Participation of the department in the courses offered by other departments : Department of Computer Science participates actively in the courses offered by other departments like: Programmes; B.Com. (General), B.Com (Prof), BBA, BSc(FD), BSc(Bio-Informatics), BSc(MCM), BA, M.Com, MSc(Chemistry), MSc(Mathematics), MSc(Pharmaceutical), MSc(FDT)					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL					
8. Details of courses/programmes discontinued (if any) with reasons. NIL					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	0	0	--	--	
Associate Professor	0	0	--	--	
Assistant Professor	08	05	08	05	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Vinay Garg	MCA	Asstt. Professor	Web Technology	16	Nil
Mr. Ajit Kumar	MCA, M Phil, Pursuing Ph.D.	Asstt. Professor	Data Structures	18	Nil
Mr. Ganesh Kumar Sethi	MCA, Msc-Mathematics, Pursuing Ph.D.	Asstt. Professor	Discrete Mathematics, Data Structures	10	Nil



Mr. Harmohan Sharma	MCA, Pursuing Ph.D.	Asstt. Professor	RDBMS, Discrete Mathematics	15	Nil
Mr. Sukhdev Singh	MCA, M Phil, Pursuing Ph.D.	Asstt. Professor	C++, Computer Graphics	7	Nil
Mr. Sumeet Kumar	MCA, M Phil	Asstt. Professor	Programming Languages - C, C++	11	Nil
Mr. Rohit Sachdeva	MCA, M Phil, Pursuing Ph.D.	Asstt. Professor	Operating System, DBMS	8	Nil
Ms. Poonam Sharma	MCA, M Phil	Asstt. Professor	JAVA, CSA	7	Nil
Ms. Pritpal Kaur	MCA	Asstt. Professor	DM, C++	4	Nil
Ms. Honey	MCA	Asstt. Professor	DBMS, DS	4	Nil
Ms. Gaytri Mehndiratta	MCA	Asstt. Professor	C++	1	Nil
Ms. Shikha Garg	MCA, M Phil	Asstt. Professor	TOC, DBMS	1.5	Nil
Ms. Priyanka Singla	MCA	Asstt. Professor	Operating System	1	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

Class	% of lectures by temporary faculty
BCA -I	64%
BCA-II	56%
BCA-III	50%

13. Student -Teacher Ratio (programme wise)

Name of the programme	BCA-I	BCA-II	BCA-III
Student Teacher Ratio	39:1	29:1	32:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
02 Technical 01 Administrative staff, 02 supporting staff.

15. Qualifications of teaching faculty with DSc/ D.Lit/ Ph.D/ MPhil/ PG. (As in 10)

0/13 is Ph D 6/13 are M Phil 01/13 are NET 13/13 are PG



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:		
Completed Project	<ul style="list-style-type: none"> UGC Sponsored Minor Research Project by Mr. Sukhdev Singh titled "Comparative Analysis of Binarization Techniques of Natural Scene Images" 	
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received :		
Name of Teacher	Title of Project	Month and year of Submission
Mr. Sukhdev Singh	UGC Sponsored minor research project " Comparative Analysis of Binarization Techniques of Natural Scene Images " amount 1.5 lakh.	30-10-2013
18. Research Centre /facility recognized by the University: N.A.		
19. Publications: (Annexure-CBCA-1)		
Paper Presented	14	
Paper Published	13	
FDP attended	26	
Book Published	24	
20. Areas of consultancy and income generated		
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms)		
<ul style="list-style-type: none"> Two teachers represent at Board of Studies, Punjabi University, Patiala 		
21. Faculty as members in (Annexure- CBCA-6)		
a) National committees b) International Committees c) Editorial Boards....		
<ul style="list-style-type: none"> Two faculty members represent board of studies of various faculties of Punjabi university Patiala. 		
22. Student projects : NIL		
23. Awards / Recognitions received by faculty and students:		
<p>Prof. Vinay Garg developed an Android App "Modi College" that was released by honorable Vice-Chancellor Dr. Jaspal Singh on the occasion of Annual Function of Multani Mal Modi College, Patiala (26 Feb,2014)</p> <p>Prof. Ajit Kumar developed a software HINDI to PUNJABI Translation that was released by honorable Vice-Chancellor Dr.Jaspal Singh (Nov. 2013)</p> <p>2 Students have been conferred Gold Medal for getting First Position in the University:</p> <p style="text-align: center;">Anshika Goyal (BCA-III), 2010-11</p> <p style="text-align: center;">Anshika Goyal (BCA-II), 2009-10</p>		
24. List of eminent academicians and scientists/ visitors to the department:		
Eminent Academicians / Scientists Who have Visited the Department (Annexure-CBCA-5)		



- Dr. G. S. Lehal, Computer Science Dept., Punjabi University, Patiala (November 23, 2009 & November 19, 2010).
- Dr. R. K. Bawa, Computer Science Dept., Punjabi University, Patiala (November 23, 2009).
- Dr. Kanwaljeet Singh, University Computer Centre, Punjabi University, Patiala (November 23, 2009).
- Dr. Amardeep Singh, University College of Engg., Punjabi University, Patiala.
- Dr. Seema Bawa, Dept. of Computer Science & Engg., Thapar University, Patiala (November 08, 2013).
- Dr. Neeraj Sharma, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Mr. Arun Bansal, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Dr. Vishal Goyal, Computer Science Dept., Punjabi University, Patiala, (November 19, 2010).
- Mr. Ankit Fadia, Ethical Hacker, India.
- Dr. R. K Bawa, Professor & Head, Dept. of Computer Science, Punjabi University, Patiala. (Feb. 28, 2014)
- Dr. Neeraj Sharma, Professor, Dept. of Computer Science, Punjabi University, Patiala. (March 01, 2014)
- Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National :

- Department of Computer Science Organized the function TechnoQuest-A Congregation of Technical Minds on November 19, 2010.
- Department of Computer Science Organized the function TechnoQuest-A Congregation of Technical Minds on November 8, 2013.

b) International

c) **Two day Workshop on topic:** Department of Computer Science Organized the workshop on Android Apps on Feb 28, 2014 -March 1, 2014

26. Student profile programme/course wise: (2012-13) (Annexure-CBCA-2)

Name of the Course/programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
BCA-I	101*	98	98	51	100%	26.25%
BCA-II	89**	88	88	37	100%	52.82%
BCA-III	96**	95	95	48	100%	75.90%

* 3 student migrated

** 2 student fail/dropout

Results pertaining to last five years is shown in Annexure-CBCA-2.



27. Diversity of Students			
Session 2013-14			
Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
BCA-I	93.75%	6.25%	--
BCA-II	96%	4%	--
BCA-III	97.70%	2.30%	--
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?			
Some of our students have cleared exams like Bank (PO), Electricity Board and many other National and State level Competitive exams.			
29. Student progression :			
Our students have joined UG to PG course M.SC(IT), in our college and several students of our college also joined the other PG courses of University like: MCA, MBA, M.Phil., Ph.D. and POST-Doctoral along with other Universities.			
Employed <ul style="list-style-type: none">Campus selection (Annexure-CBCA-3)	2008-09 (29), 2009-10 (48), 2010-11 (32), 2011-12 (61), 2012-13 (58)		
Other than campus Recruitment, Entrepreneurship/Self-employment:			
Computer students are placed in various services like: Banks, Govt. Sector, Private Firms and IT Companies etc.			
30. Details of Infrastructural facilities			
a) Library	Yes		
b) Internet facilities for Staff & Students	Yes wi-fi campus		
c) Class rooms with ICT facility	04		
d) Laboratories	04 labs with 108 computers		
31. Number of students receiving financial assistance from college, university, government or other agencies			
<ul style="list-style-type: none">Sports aid by SAI for 9 students (Annexure- CBCA-4)			
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts			
<ul style="list-style-type: none">Special lecture on Ethical Hacking by Mr. Ankit Fadia, Ethical Hacker (August,2009).Special Workshop on Android Apps by Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)			
33. Teaching methods adopted to improve student learning			
<ul style="list-style-type: none">Computer Assisted Teaching			



- Uses of e-Resources
- Group discussion
- Workshops
- Conferences
- Paper presentation
- Class Room Seminars
- Interactive Teaching

The students of Department of Computer Science maintain a wall magazine, **Cyber Window**, where information regarding IT Industry, New Technology and new job openings is displayed which is helpful in keeping students abreast of latest developments in these areas.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Department faculty and students participate in Environment related programmes to create awareness for environment friendly society.
- Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time.
- Department faculty and students organize National Youth Day, National Girl Child Day, and International Women Day etc. Under NSS.

35. SWOC analysis of the department and Future plans

S: Strength

- State-of-the-art Infrastructure
- Interlinked computer laboratories with ICT and research facilities
- Dedicated, hardworking and highly qualified faculty
- Faculty members actively involved in research and publication work

W: Weaknesses

- The family background of many students admitted in the various courses of the department is responsible for poor English language competence.
- Second preference is been given to this college in this region as compare to Govt. college because of fee difference.

O: Opportunities

- Lots of Industry/Employability Opportunities.

C: Challenges

- Mushrooming of IT Institutions
- Inculcating professional ethics and values among the young generation
- The college is constrained to continue with adhoc staff which probably does not attract best talent in the teaching faculty. This all is due to the vacillating attitude of the government towards sanctioning of new posts in college.



Future plans

To add to our existing potential, following are the future plans:

- To explore the possibility of evening classes and new courses.
- To organize — National Conference on Multilingual Technologies — A paradigm shift for the development of faculty as well as students.
- To develop more e-content and increase role of technology in class room



12. Evaluative Report of the Course – B.Sc. (Computer Science)

1. Name of the Department : Department of Computer Science [B.Sc.(Computer Science)]					
2. Year of Establishment : 1998 (B.Sc. (CS) started in 2004 year)					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate			BSc(CS)- 3 year Course		
4. Names of Interdisciplinary courses and the departments/units involved : BSc(CS), BSc(MCM), BSc(Bioinformatics)					
5. Annual/ semester/choice based credit system (Programme wise) : BSc(CS) - Six Semesters.					
6. Participation of the department in the courses offered by other departments : Department of Computer Science participates actively in the courses offered by other departments like: Programmes; BSc(FDT, MCM, Bio-informatics), MSc (Chemistry, Mathematics, Pharmaceutical Chemistry, FDT), BSc.					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons: Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	00	00	00	--	
Assistant Professor	00	03	00	03	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. Sunita Gupta	MCA	Asstt. Professor	C++, AI	4	Nil
Ms. Sapna Dhiman	MCA, M Phil, Pursuing Ph.D.	Asstt. Professor	Digital Electronics, C++	5	Nil
Ms. Milanpreet Kaur	MCA	Asstt. Professor	C, C++	2.5	Nil



11. List of senior visiting faculty : Nil			
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty			
Class	% of lectures by temporary faculty		
BSc(CS)-I	75%		
BSc(CS)-II	100%		
BSc(CS)-III	100%		
13. Student -Teacher Ratio (programme wise)			
Name of Programme	BSc(CS)-I	BSc(CS)-II	BSc(CS)-III
Student Teacher Ratio	33:1	33:1	16:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 02 - Technical 01 - Administrative staff, 02 - Supporting staff			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)			
0/3 is Ph D	1/3 are M Phil	0/3 are NET	3/3 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil			
18. Research Centre /facility recognized by the University: Nil			
19. Publications: (Annexure-CBSC-1)			
FDP attended	01		
Paper Presented	04		
Paper Published	03		
Book Published	01		
20. Areas of consultancy and income generated			
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms) : Nil			
21. Faculty as members in :			
a) National committees b) International Committees c) Editorial Boards : Nil			
22. Student projects : Nil			
23. Awards / Recognitions received by faculty and students :Nil			
24. List of eminent academicians and scientists / visitors to the department: (Annexure: CBSC-5)			
Eminent Academicians / Scientists Who have Visited the Department			
<ul style="list-style-type: none"> Dr. G. S. Lehal, Computer Science Dept., Punjabi University, Patiala (November 23, 2009 & November 19, 2010). Dr. R. K. Bawa, Computer Science Dept., Punjabi University, Patiala (November 23, 2009). Dr. Amardeep Singh, University College of Engg., Punjabi University, Patiala. 			



- Dr. Seema Bawa, Dept. of Computer Science & Engg., Thapar University, Patiala (November 08, 2013).
- Dr. Kanwaljeet Singh, University Computer Centre, Punjabi University, Patiala (November 23, 2009).
- Dr. Neeraj Sharma, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Mr. Arun Bansal, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Dr. Vishal Goyal, Computer Science Dept., Punjabi University, Patiala, (November 19, 2010).
- Mr. Ankit Fadia, Ethical Hacker, India.
- Dr. R. K Bawa, Professor & Head, Dept. of Computer Science, Punjabi University, Patiala. (Feb. 28, 2014)
- Dr. Neeraj Sharma, Professor, Dept. of Computer Science, Punjabi University, Patiala. (March 01, 2014)
- Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National :

- Department of Computer Science Organized the function **TechnoQuest- A Congregation of Technical Minds** on Nov 19, 2010.
- Department of Computer Science Organized the function **TechnoQuest- A Congregation of Technical Minds** on Nov 08, 2013.

b) International

- c) **Two day Workshop on topic:** Department of Computer Science Organized the workshop on Android Apps on Feb 28, 2014 – March 1, 2014

26. Student profile programme/course wise: (2012-13) (Annexure-CBSC-2)

Name of the Course/ programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
BSc(Comp. Sc.)-I	63 *	57	19	38	100%	60.76%
BSc(Comp. Sc.)-II	59**	58	16	42	100%	87.28%
BSc(Comp. Sc.)-III	31	31	07	24	90.32%	65.05%

* 6 student migrated

** 1 student fail/dropout

Results pertaining to last five years is shown as **Annexure-CBSC-2)**



27. Diversity of Students			
Session 2013-14			
Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
BSc (Comp. Sc.)-I	96.96%	3.04%	--
BSc (Comp. Sc.)-II	94.64%	5.36%	
BSc (Comp. Sc.)-III	93.22%	6.78%	
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?			
Our students are placed in various services like Defense and paramilitary forces services through NCC Direct entry scheme, BPO through Campus placement, Banking, government services, etc.			
29. Student progression :			
<ul style="list-style-type: none">• Our students have joined UG to PG course M.Sc. (Math), M.Sc. (Physics) in our college.• Several students of our college also joined the other PG courses of University like: MBA, M.Phil., Ph.D. and POST-Doctoral along with other Universities			
Employed	(2011-2012)(03),		
Campus Selection (Annexure-CBSC-3)	(2012-2013)(01)		
Other than campus Recruitment, Entrepreneurship/Self-employment:			
Computer students are placed in various services like: Defense, Banks, Govt. Sector, Private Firms and IT Companies etc.			
30. Details of Infrastructural facilities			
a) Library	Yes		
b) Internet facilities for Staff & Students	Yes (Wi-Fi Block)		
c) Class rooms with ICT facility	04		
d) Laboratories	04 labs with 108 computers		
31. Number of students receiving financial assistance from college, university, government or other agencies :Nil			
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts			
<ul style="list-style-type: none">• Seminar on Ethical Hacking by Mr. Ankit Fadia, Ethical Hacker, India• Workshop on Android APPs by Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)			
33. Teaching methods adopted to improve student learning			
<ul style="list-style-type: none">• Computer Assisted Teaching• Use of e-Resources• Group discussion• Paper presentation• Class Room Seminars• Interactive Teaching			



<ul style="list-style-type: none"> • Assignments • Projects • Conferences
<p>The students of Department of Computer Science maintain a wall magazine where information regarding IT Industry, New Technology and new job openings is displayed which is helpful in keeping students abreast of latest developments in these areas.</p>
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students organize National Youth Day, National Girl Child Day, International Women Day etc. Under NSS.
35. SWOC analysis of the department and Future plans
S: Strength <ul style="list-style-type: none"> • State-of-the-art Infrastructure • Interlinked computer laboratories with ICT and research facilities • Dedicated, hardworking and highly qualified faculty • Faculty members actively involved in research and publication work
W: Weaknesses <ul style="list-style-type: none"> • The family background of many students admitted in the various courses of the department is responsible for poor English language competence. • Second preference is been given to this college in this region as compare to Govt. college because of fee difference.
O: Opportunities <ul style="list-style-type: none"> • Lots of Industry/Employability Opportunities.
C: Challenges <ul style="list-style-type: none"> • Mushrooming of IT Institutions • Inculcating professional ethics and values among the young generation • The college is constrained to continue with adhoc staff which probably does not attract best talent in the teaching faculty. This all is due to the vacillating attitude of the government towards sanctioning of new posts in college.
Future plans
<p>To add to our existing potential, following are the future plans:</p> <ul style="list-style-type: none"> • To explore the possibility of evening classes and new courses. • To organize — National Conference on Multilingual Technologies — A paradigm shift for the development of faculty as well as students. • To develop more e-content and increase role of technology in class room



13. Evaluative Report of the Course - MSc (IT), MSc (IT) - Lateral Entry

1. Name of the Department : Department of Computer Science, (Course MSc (IT))					
2. Year of Establishment : 1998, MSc (IT) started in 2007, MSc. (IT-LE) started in 2010.					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Postgraduate	MSc(IT) - 2 year Course				
Postgraduate	MSc(IT-LE) – 1 Year Course				
4. Names of Interdisciplinary courses and the departments/units involved : BSc(CS), BSc(MCM), BSc(Bio-infomatics)					
5. Annual/ semester/choice based credit system (Programme wise):					
<ul style="list-style-type: none">MSc(IT) with Four SemestersMSc(IT-LE) with Two Semesters					
6. Participation of the department in the courses offered by other departments :					
Department of Computer Science participates actively in the courses offered by other departments like:					
BCom(General), BCom(P), BBA, BSc(F.D.), BSc(MCM), BSc(Bio-informatics), B.A.,MCom, MSc (Chemistry), MSc(Mathematics), MSc(Pharmaceutical), MSc(Chemistry), MSc(FDT).					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts:					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	--	--	--	--	
Assistant Professor	07	03	07	03	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Vinay Garg	MCA	Asstt. Professor	Web Technology	16	Nil
Mr. Ajit Kumar	MCA, M Phil, Pursuing Ph.D.	Asstt. Professor	Data Structures	18	Nil



Mr. Ganesh Kumar Sethi	MCA, NET Msc-Mathematics, NET Pursuing Ph.D.	Asstt. Professor	Discrete Mathematics, Data Structures	10	Nil
Mr. Harmohan Sharma	MCA, Pursuing Ph.D.	Asstt. Professor	RDBMS, Discrete Mathematics	15	Nil
Mr. Sukhdev Singh	MCA, M Phil, Pursuing Ph.D.	Asstt. Professor	C++, Computer Graphics	7	Nil
Mr. Rohit Sachdeva	MCA. M Phil, Pursuing Ph.D.	Asstt. Professor	Operating System, DBMS	8	Nil
Ms. Poonam Sharma	MCA, M Phil	Asstt. Professor	JAVA, CSA	7	Nil
Ms. Shikha Garg	MCA, M Phil	Asstt. Professor	TOC, DBMS	1.5	Nil
Ms. Pritpal Kaur	MCA	Asstt. Professor	DM, C++	4	Nil
Ms. Gaytri Mehndiratta	MCA	Asstt. Professor	C++	1	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:

Class	% of lectures by temporary faculty
MSc (IT)-I	16%
MSc (IT)-II	16%
MSc(IT-LE)	57%

13. Student -Teacher Ratio (programme wise)

Name of the programme	MSc(IT)-I	MSc(IT)-II	MSc(IT-LE)
Student Teacher Ratio	7:1	18:1	11:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :

02 Technical, 01 Administrative staff, 02 supporting staff

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/ MPhil/ PG. (As in 10)

0/10 is Ph D 5/10 are M Phil 1/10 is NET 10/10 are PG



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:		
Completed Project	UGC Sponsored Minor Research Project by Mr. Sukhdev Singh titled " Comparative Analysis of Binarization Techniques of Natural Scene Images "	
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received :		
Name of Teacher	Title of Project	Month and year of Submission
Mr. Sukhdev Singh	UGC Sponsored minor research project " Comparative Analysis of Binarization Techniques of Natural Scene Images " amount 1.5 lakhs.	30-10-2013
18. Research Centre /facility recognized by the University: Nil		
19. Publications: (Annexure-CMIT-1)		
Paper Presented	07	
Paper Published	10	
FDP attended	24	
Book Published	14	
Resources Developed	02	
20. Areas of consultancy and income generated:		
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms)		
<ul style="list-style-type: none"> Two teachers represent at Board of Studies, Punjabi University, Patiala 		
21. Faculty as members in :(Annexure- CMIT-6)		
a) National committees b) International Committees c) Editorial Boards.		
<ul style="list-style-type: none"> Two faculty members represent board of studies of various faculties of Punjabi University, Patiala. 		
22. Student projects : Nil		
23. Awards / Recognitions received by faculty and students:		
<ul style="list-style-type: none"> Prof. Vinay Garg developed an Android App "Modi College" that is released by honorable Vice-Chancellor Dr. Jaspal Singh on the occasion of Annual Function of Multani Mal Modi College, Patiala (26 Feb,2014) Prof. Ajit Kumar developed a software HINDI to PUNJABI Translation that is released by honorable Vice-Chancellor Dr.Jaspal Singh (Nov. 2013) 		
Our 01 Student has been conferred Gold Medal for getting First Position in the University:		
RitikaSachdeva (M.Sc(IT)-I), 2009-10		



24. List of eminent academicians and scientists / visitors to the department:**Eminent Academicians / Scientists who have Visited the Department(Annexure-CMIT-5)**

- Dr. G. S. Lehal, Computer Science Dept., Punjabi University, Patiala (November 23, 2009 & November 19, 2010).
- Dr. R. K. Bawa, Computer Science Dept., Punjabi University, Patiala (November 23, 2009).
- Dr. Amardeep Singh, University College of Engg., Punjabi University, Patiala.
- Dr. Seema Bawa, Dept. of Computer Science & Engg., Thapar University, Patiala (November 08, 2013).
- Dr. Kanwaljeet Singh, University Computer Centre, Punjabi University, Patiala (November 23, 2009).
- Dr. Neeraj Sharma, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Mr. Arun Bansal, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Dr. Vishal Goyal, Computer Science Dept., Punjabi University, Patiala, (November 19, 2010).
- Mr. Ankit Fadia, Ethical Hacker, India.
- Dr. R. K. Bawa, Professor & Head, Dept. of Computer Science, Punjabi University, Patiala. (Feb. 28, 2014)
- Dr. Neeraj Sharma, Professor, Dept. of Computer Science, Punjabi University, Patiala. (March 01, 2014)
- Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)

25. Seminars/ Conferences/Workshops organized & the source of funding:**a) National :**

- Department of Computer Science Organized the function **TechnoQuest-A Congregation of Technical Minds** on November 19, 2010 .
- Department of Computer Science Organized the function **TechnoQuest-A Congregation of Technical Minds** on November 8, 2013.

b) International : Nil

c) Two day workshop on topic: Department of Computer Science Organized the workshop on Android Apps on Feb 28, 2014 to March 1, 2014.

26. Student profile programme/course wise: (2012-13) (Annexure-CMIT-2)

Name of the Course/programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
MSc(IT)-I	13*	11	01	10	100%	76.87%
MSc(IT)-II	28**	27	05	22	100%	81.22%
MSc(IT)-LE	19	19	7	12	100%	81.22%

*2 student migrated

** 1 student fail/ dropout

Results pertaining to last five years is shown in Annexure-CMIT-2.



27. Diversity of Students:			
Session 2013-14			
Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
MSc(IT)- I	100%	100%	--
MSc(IT)- II	91.67%	8.33%	--
MSc (IT- LE)	94.44%	5.56%	--
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?			
Some of our students have cleared exams like Bank (PO), UGC (NET), IPS, IT Companies, and many other National and State level Competitive exams			
29. Student progression :			
Our students have joined the other PG courses of University like: MCA, M.Phill., Ph.D. and POST-Doctoral along with other Universities.			
Employed <ul style="list-style-type: none">Campus selection (Annexure-CMIT-3)	2008-09 (02), 2009-10 (03), 2010-11 (03),(One selection in MSc(IT-LE)		
Other than campus Recruitment, Entrepreneurship/Self-employment:			
Computer students are placed in various services like: IT Companies, Banks, Govt. Sector, and Private Firms etc.			
30. Details of Infrastructural facilities			
a) Library	Yes		
b) Internet facilities for Staff & Students	Yes wi-fi campus		
c) Class rooms with ICT facility	04		
d) Laboratories	04 lab with 108 computers		
31. Number of students receiving financial assistance from college, university, government or other agencies			
<ul style="list-style-type: none">Sports aid by SAI (02) students. (Annexure-CMIT-4)			
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts			
<ul style="list-style-type: none">Special lecture on Ethical Hacking by Mr. Ankit Fadia, Ethical Hacker(August,2009).Special Workshop on Android Apps by Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)			
33. Teaching methods adopted to improve student learning:			
<ul style="list-style-type: none">Computer Assisted TeachingUse of e-ResourcesGroup discussionPaper presentation			



<ul style="list-style-type: none"> • Classroom Seminars • Interactive Teaching • Assignments • Projects
<p>The students of Department of Computer Science maintain a wall magazine where information regarding IT Industry, New Technology and new job openings is displayed which is helpful in keeping students abreast of latest developments in these areas.</p>
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students actively participate in the various college activities - National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
S: Strength <ul style="list-style-type: none"> • State-of-the-art Infrastructure • Interlinked computer laboratories with ICT and research facilities • Dedicated, hardworking and highly qualified faculty • Faculty members actively involved in research and publication work
W: Weaknesses <ul style="list-style-type: none"> • The family background of many students admitted in the various courses of the department is responsible for poor English language competence. • Second preference is been given to this college in this region as compare to Govt. college because of fee difference.
O: Opportunities <ul style="list-style-type: none"> • Lots of Industry/Employability Opportunities.
C: Challenges <ul style="list-style-type: none"> • Mushrooming of IT Institutions • Inculcating professional ethics and values among the young generation • The college is constrained to continue with adhoc staff which probably does not attract best talent in the teaching faculty. This all is due to the vacillating attitude of the government towards sanctioning of new posts in college.
Future plans
<p>To add to our existing potential, following are the future plans:</p> <ul style="list-style-type: none"> • To explore the possibility of evening classes and new courses. • To organize National Conference on Multilingual Technologies. • To develop more e-content and increase role of technology in class room



14. Evaluative Report of the Course - PGDCA

1. Name of the Department : Department of Computer Science(course PGDCA)					
2. Year of Establishment : 1998					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)					
Postgraduate		PGDCA – 1 Year Course			
4. Names of Interdisciplinary courses and the departments/units involved :					
BCA, BSc (Computer Science), MSc (IT), MSc (IT-LE).					
5. Annual/ semester/choice based credit system (Programme wise) : PGDCA - 2 Semesters					
6. Participation of the department in the courses offered by other departments :					
Department of Computer Science participates actively in the courses offered by other departments like:					
Programmes ;B.Com (General), B.Com (Prof), BBA, BSc(FDT), BSc(Bio-Informatics),BSc(MCM) BA, M.Com, MSc(Chemistry), MSc(Mathematics), MSc(Pharmaceutical), MSc(FDT).					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	00	00	00	--	
Assistant Professor	01	05	01	05	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc/D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the Last 4 years
Ms. Poonam Sharma	MCA, M Phil	Asstt. Professor	JAVA, CSA	7	Nil
Ms. Sunita Gupta	MCA	Asstt. Professor	C++, AI	4	Nil
Ms. Pritpal Kaur	MCA	Asstt. Professor	DM, C++	4	Nil
Ms. Honey	MCA	Asstt. Professor	DBMS, DS	4	Nil



Ms. Priyanka Singla	MCA	Asstt. Professor	Operating System	1	Nil
Ms. Gaytri Mehndiratta	MCA	Asstt. Professor	C++	1	Nil
11. List of senior visiting faculty : Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty					
Class	% of lectures by temporary faculty				
PGDCA	83%				
13. Student -Teacher Ratio (programme wise)					
Name of the programme	PGDCA				
Student Teacher Ratio	32:1				
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :					
02 Technical		01 Administrative staff,		02 Supporting staff	
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)					
0/6 is Ph D		01/06 are M Phil		00/06 are NET	
				06/06 are PG	
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil					
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil					
18. Research Centre /facility recognized by the University: Nil					
19. Publications: (Annexure-CPG1)					
Paper Presented			04		
Paper Published			04		
FDP attended			02		
Book Published			01		
20. Areas of consultancy and income generated					
Consultancy Services Offered by the Dept. (Not measured in Monetary Terms) Nil					
21. Faculty as members in					
a) National committees b) International Committees c) Editorial Boards.... Nil					
22. Student projects : Nil					
23. Awards / Recognitions received by faculty and students: Nil					
24. List of eminent academicians and scientists / visitors to the department:					
Eminent Academicians / Scientists who have Visited the Department: (Annexure-CPG-5)					
<ul style="list-style-type: none">Dr. G. S. Lehal, Computer Science Dept., Punjabi University, Patiala (November 23, 2009 & November 19, 2010).					



- Dr. R. K. Bawa, Computer Science Dept., Punjabi University, Patiala (November 23, 2009).
- Dr. Amardeep Singh, University College of Engg., Punjabi University, Patiala.
- Dr. SeemaBawa, Dept. of Computer Science & Engg., Thapar University, Patiala (November 08, 2013).
- Dr. Kanwaljeet Singh, University Computer Centre, Punjabi University, Patiala (November 23, 2009).
- Dr. Neeraj Sharma, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Mr. ArunBansal, Computer Science Dept., Punjabi University, Patiala (November 08, 2013).
- Dr. Vishal Goyal, Computer Science Dept., Punjabi University, Patiala, (November 19, 2010).
- Mr. AnkitFadia, Ethical Hacker, India.
- Dr. R. K Bawa, Professor and Head, Dept. of Computer Science, Punjabi University, Patiala. (Feb. 28, 2014)
- Dr. Neeraj Sharma, Professor, Dept. of Computer Science, Punjabi University, Patiala. (March 01, 2014)
- Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014)

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National :

- Department of Computer Science Organized the function **TechnoQuest-A Congregation of Technical Minds** on November 19, 2010.
- Department of Computer Science Organized the function **TechnoQuest-A Congregation of Technical Minds** on November 8, 2013.

b) International :

c) **Two day Workshop on topic:** Department of Computer Science Organized the workshop on Android Apps on Feb 28, 2014 –March 1, 2014.

26. Student profile programme/course wise: (2012-13) (Annexure-CPG2)

Name of the Course/programme	Applications Received	Selected	Enrolled		Pass percentage	University Pass percentage
			Male	Female		
PGDCA	62	48	34	14	95.65%	52.84%

Results pertaining to last five years is shown in Annexure-CPG2.

27. Diversity of Students

Session 2013-14

Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
PGDCA	95.12%	4.88%	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Some of our students have cleared exams like Bank (PO), Punjab Electricity Board exams, Defense services and many other National and State level Competitive exams.



29. Student progression : Our many students have joined UG to PG course M.Sc. (LE) in our college and several students of our college also joined the other PG courses of University like: MBA, MCA along with other Universities.	
Employed <ul style="list-style-type: none"> Campus selection (Annexure-CPG-3) 	2008-09 (05), 2010-11 (02), 2012-13 (05)
Other than campus Recruitment, Entrepreneurship/Self-employment: Computer students are placed in various services like: Banks, Govt. Sector, Private Firms and IT Companies etc.	
30. Details of Infrastructural facilities	
a) Library	Yes
b) Internet facilities for Staff & Students	Yes wi-fi campus
c) Class rooms with ICT facility	04
d) Laboratories	04 lab with 108 computers
31. Number of students receiving financial assistance from college, university, government or other agencies	
<ul style="list-style-type: none"> Sports aid by SAI (34) students. (Annexure-CPG-4) 	
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts	
<ul style="list-style-type: none"> Seminar on Ethical Hacking by Mr. Ankit Fadia, Ethical Hacker, India Workshop on Android APPs by Mr. Vishal Rastogi, Software Developer, Finlad Labs, New Delhi, (Feb. 28-Mar 01, 2014) 	
33. Teaching methods adopted to improve student learning	
<ul style="list-style-type: none"> Computer Assisted Teaching Uses of e-Resources Group discussion Paper presentation Class Room Seminars Interactive Teaching Assignments Projects Conferences 	
The students of Department of Computer Science maintain a wall magazine where information regarding IT Industry, New Technology and new job openings is displayed which is helpful in keeping students abreast of latest developments in these areas.	



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps, Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students actively participate in the various college activities - National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
S: Strength <ul style="list-style-type: none"> • State-of-the-art Infrastructure • Interlinked computer laboratories with ICT and research facilities • Dedicated, hardworking and highly qualified faculty • Faculty members actively involved in research and publication work
W: Weaknesses <ul style="list-style-type: none"> • The family background of many students admitted in the various courses of the department is responsible for poor English language competence. • Second preference is been given to this college in this region as compare to Govt. college because of fee difference.
O: Opportunities <ul style="list-style-type: none"> • Lots of Industry/Employability Opportunities.
C: Challenges <ul style="list-style-type: none"> • Mushrooming of IT Institutions • Inculcating professional ethics and values among the young generation • The college is constrained to continue with adhoc staff which probably does not attract best talent in the teaching faculty. This all is due to the vacillating attitude of the government towards sanctioning of new posts in college.
Future plans
<p>To add to our existing potential, following are the future plans:</p> <ul style="list-style-type: none"> • To explore the possibility of evening classes and new courses. • To organize — National Conference on Multilingual Technologies — A paradigm shift for the development of faculty as well as students. • To develop more e-content and increase role of technology in class room

15. Evaluative Report of the Course - BBA

1. Name of the Department: Department of Business Management. Course BBA					
2. Year of Establishment: Established in 1998-99					
3. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate			BBA (duration 3 years)		
4. Names of Interdisciplinary courses and the departments/units involved : B.Sc. (MCM)					
5. Annual/ semester/choice based credit system (Programme wise): All classes of BBA- I, II & III, are under semester system.					
6. Participation of the department in the courses offered by other departments: B Sc. (MCM)					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	00	00	00	--	
Assistant Professor	01	02	01	02	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Neeraj Goyal	Ph D (Thesis Submitted) MCom, MBE, UGC NET in Commerce and Management	Asstt. Professor	Finance	16	Nil
Ms. Savita Gupta	MCom, MBA UGC NET in Commerce and Management	Asstt. Professor	Finance	5	Nil
Ms. Ribha Singla	MCom, PGDBA	Asstt. Professor	Finance	1	Nil



11. List of senior visiting faculty : Nil			
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty			
Class	% of lectures by temporary faculty		
BBA-I	60%		
BBA-II	70%		
BBA-III	70%		
13. Student -Teacher Ratio (programme wise)			
Name of the programme	BBA-I	BBA-II	BBA-III
Student Teacher Ratio	48 : 1	42 : 1	44 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :			
01 Administrative staff, 03 supporting staff.			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. (As in 10)			
1/3 are PhD	0/3 are M Phil	2/3 are NET	3/3 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil			
18. Research Centre /facility recognized by the University: No research center as such has been approved in the department.			
19. Publications: (Annexure-BM1)			
Books Published	03		
Paper Presented	15		
Paper Published	05		
FDP attended	05		
20. Areas of consultancy and income generated			
Consultancy Services Offered by the Dept. <ul style="list-style-type: none">• Providing Training to students of Institute of Cost Accountants of India for twice a year (Approx. amount earned in 2013-14 Rs. 350000/-).			
21. Faculty as members in			
a) National committees b) International Committees c) Editorial Boards :			
<ul style="list-style-type: none">• Mr. Neeraj Goyal appointed as Member Board of Under-Graduate Studies in Business Management, Punjabi University, Patiala from 4 Jan 2010 to 15 Nov. 2011.• Mr. Neeraj Goyal appointed as Member Faculty of Business Studies, Punjabi University, Patiala from 30 March 2011 to 26 Oct 2012.• Mr. Neeraj Goyal is life member of ICCR (Indian Council of Contemporary Researchers).			



22. Student projects :						
<ul style="list-style-type: none">• Every student of BBA II has to undergo Industrial Training Project of 4-6 weeks and submit Project Report on the same.• Every student of BBA III has to undergo Industrial Training Project on area related to their specialization (Finance, Marketing etc.) of 16-20 weeks and submit Project Report on the same.						
23. Awards / Recognitions received by faculty and students :						
Gold Medal to BBA students in Punjabi University Exams for last three years consecutively.						
Student Name	Class	Session				
Jaspreet Singh	BBA-III	2012-13				
Manpreet Kaur Walia	BBA-III	2011-12				
Ribha Singla	BBA-III	2010-11				
24. List of eminent academicians and scientists / visitors to the department:						
Eminent Academicians / Scientists who have Visited the Department						
<ul style="list-style-type: none">• Dr. B. B. Singla, Department of Business Management, Punjabi University, Patiala.• Dr. Dheeraj Sharma, Department of Business Management, Punjabi University, Patiala.• Dr. Ravi Singla, School of Applied Management, Punjabi University, Patiala.• Dr. R. P. Yadav, Director, Asra Institute of Advanced Studies, Bhawanigarh.						
25. Seminars/ Conferences/Workshops organized & the source of funding						
a) National :						
b) International : Proposed for November 07-08, 2014 in collaboration with PCMA						
c) One day seminar on topic :						
26. Student profile programme/course wise: (2013-14) (Annexure-BM2)						
Name of the Course/p rogramm e	Applications Received	Selected	Enrolled		Pass percentage	Universit y Pass percentag e
			Male	Female		
BBA-I	117	63	32	31	100	47.27
BBA-II	54	54	32	22	100	65.34
BBA-III	55	55	29	26	100	82.76
27. Diversity of Students						
Session 2013-14						
Name of the Course	% of students from the same state		% of students from other States		% of students From abroad	
BBA-I	85.72%		14.28%		--	
BBA-II	98.15%		1.85%		--	
BBA-III	94.55%		5.45%		--	



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Some students of BBA joined Banking Industry, Defense Services, Government Services and some students started own industry or joined family business.

29. Student progression :

- 55.31% has joined UG to PG course.

- Campus selection (Annexure-BM3)

12 students during session 2013-14

20 students during session 2012-13

07 students during session 2011-12

19 students during session 2010-11

Other than campus Recruitment, Entrepreneurship/Self-employment:

BBA students are placed in various services like: Banks, Insurance Companies, Govt. Sector, Private Firms and companies etc.

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	Yes Wi-fi campus
c) Class rooms with ICT facility	01
d) Laboratories	04 lab with 108 computers

31. Number of students receiving financial assistance from college, university, government or other agencies

- 2 students of BBA getting diet charges @ 100 per day from Sports Authority of India during the sessions 2013-14 and 2012-13.

32. Details on student enrichment programmes (special lectures / workshops/seminar) with external experts

2013-14

- Organised Technoquest-2013 covering various business management activities like Business Quiz, Ad-mad Show and Paper Presentation on Nov. 8, 2013.
- Organised workshop on Resume Writing and Mock Interviews in collaboration with Career Launchers, Patiala on 4th March, 2014.

2012-13

- Organised lecture on Intellectual Property Rights by Dr. Amit Adhlakha, Department of Business Management, ICFAI University, Dehradun on September 10, 2012.
- Organised Ad-mad show 'Ad-Mania' for students of BBA classes on October 13, 2012.
- Organised workshop on Vedic Mathematics in collaboration with Infomath, Chandigarh on Feb 14, 2013.

2011-12

- Organised Summer Course on computerized Accounting for the students.



2010-11

- Organised Summer Course on computerized Accounting for the students.
- Organised Business Quiz for students of BBA classes on Sept 08, 2010.
- Organised on day Industrial visit for BBA students to Swaraj Mazda, Ropar on Oct 27, 2010.
- Organised Technoquest-2010 covering Ad-mad Show on Nov. 19, 2010.
- Participated in organization of Six-Day UGC sponsored workshop on Skill Development Training for Non-teaching staff on Dec 27, 2010 to Jan 01, 2011.

2009-10

- Organised Summer Course on computerized Accounting for the students.
- Organised lecture on Interview Preparation in collaboration with Career Launchers, Patiala on 08 March, 2009.
- Organised workshop on Vedic Mathematics in collaboration with Career Launchers, Patiala on October 15, 2009.
- Organised on day visit for management students to Mata Vaishno Devi shrine on Nov 02-04, 2009.
- Organised Technoquest-2009 covering Ad-mad Show on Nov. 23, 2009.

33. Teaching methods adopted to improve student learning

- Computer Assisted Learning
- E-Resources
- Group discussion
- Paper presentation
- Seminars
- Interactive Teaching
- Role Playing Activities
- Assignments
- Projects

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Departmental faculty organised and participated in Training for the students of Institute of Cost Accountants of India.
- Department faculty and students participate in Environment related programmes to create awareness for environment friendly society.
- Students participate in AIDS Awareness Rallies, Blood Donation Camps, Traffic Awareness Camps, Tree Plantation, NSS, NCC camps from time to time.

35. SWOC analysis of the department and Future plans

S: Strength

- State of the art infrastructure and dedicated faculty.



<ul style="list-style-type: none"> • Excellent Placement Record • Use of latest pedagogies in teaching like Audio-Visual aids, PPTs, Live Projects, Field Surveys, Case studies, Role plays, Practical Assignments etc. • Meritorious Positions by students i.e. overall Gold Medal in BBA for last 3 years consecutively. • Practical Training and Major Projects in National and Multinational Companies • Providing Specialization in the field of Finance and Marketing • Regular Workshops, Seminars • Participation of students in co-curricular activities
W: Weaknesses <ul style="list-style-type: none"> • The college is constrained to continue with adhoc staff which probably does not attract best talent in the teaching faculty. This all is due to the vacillating attitude of the government towards sanctioning of new posts in college. • Non-Revision and less flexibility in the University Curriculum.
O: Opportunities <ul style="list-style-type: none"> • High rate of growth in Service sector in India will provide a number of employment opportunities to Management Professionals. • According to Study by FICCI 10 Lac new jobs for management professionals in India. • 25 Private Banks are going to enter in Banking industry in 2014 as per RBI information. • Self employment schemes like MSME's by the Govt. of India
C: Challenges <ul style="list-style-type: none"> • Mushrooming of new Institutions • Inculcating professional ethics and values among the young generation • Developing Management Style specifically suitable for Indian Industry
Future plans <ul style="list-style-type: none"> • To start MBA Programme in coming session. • To organise International Business Conference in November, 2014 • To organise guest lecture and role playing workshops for Management students.



16. Evaluative Report of the Course – B.Sc. (MCM)

1. Name of the Department : Department of Business Management. Course B.Sc. (MCM)					
2. Year of Establishment : Established in 1998-99. B Sc (MCM) course started in 2013-14					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)					
Under Graduate			BSc (MCM) (duration 3 years)		
4. Names of Interdisciplinary courses and the departments/units involved : BBA					
5. Annual/ semester/choice based credit system (Programme wise) : All classes BSc (MCM) are under semester system.					
6. Participation of the department in the courses offered by other departments : BBA					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	--	--	--	--	
Associate Professor	00	00	00	--	
Assistant Professor	00	01	00	01	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,) Annex MCM-I					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Pawan Kumar	MBA (Hons), PhD	Asstt. Professor	Marketing	7	Nil
11. List of senior visiting faculty : Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty					
Class		% of lectures by temporary faculty			
B Sc (MCM)-I		50%			
13. Student -Teacher Ratio (programme wise)					
Name of the programme			B Sc (MCM)-I		
Student Teacher Ratio			23 : 1		



14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :	
01 supporting staff.	
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. (As in 10)	
1/1 are PhD	0/1 are M Phil
0/1 are NET	1/1 are PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil	
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil	
18. Research Centre /facility recognized by the University: No research center as such has been approved in the department.	
19. Publications: (Annexure-MCM1)	
Books Published	02
Paper Presented	14
Paper Published	10
FDP attended	02
20. Areas of consultancy and income generated	
Consultancy Services Offered by the Dept.	
<ul style="list-style-type: none"> Providing Training to students of Institute of Cost Accountants of India for twice a year (Approx amount earned in 2013-14 Rs. 350000/-) 	
21. Faculty as members in	
a) National committees b) International Committees c) Editorial Boards :	
<ul style="list-style-type: none"> Dr. Pawan Kumar is life time member of Punjab Commerce and Management Association(Regd.) Dr. Pawan Kumar is member of Board of Directors in PCMA as Secretary (Publications). 	
22. Student projects : Nil	
23. Awards / Recognitions received by faculty and students : Nil	
24. List of eminent academicians and scientists / visitors to the department:	
Eminent Academicians / Scientists who have Visited the Department	
<ul style="list-style-type: none"> Dr. B. B. Singla, Department of Business Management, Punjabi University, Patiala. Dr. Dheeraj Sharma, Department of Business Management, Punjabi University, Patiala. Dr. Ravi Singla, School of Applied Management, Punjabi University, Patiala. Dr. R. P. Yadav, Director, Asra Institute of Advanced Studies, Bhawanigarh. 	
25. Seminars/ Conferences/Workshops organized & the source of funding	
a) National :	
b) International : Proposed for November 07-08, 2014 in collaboration with PCMA	
c) One day seminar on topic :	



26. Student profile programme/course wise: (2013-14)						
Name of the Course/pr ogramme	Applications Received	Selected	Enrolled		Pass percentage	Universit y Pass percenta ge
			Male	Female		
BSc (MCM)-I	55	40	14	26	100%	N.A.
27. Diversity of Students						
Session 2013-14						
Name of the Course		% of students from the same state	% of students from other States		% of students From abroad	
BSc (MCM)-I		92.5%	7.5%		--	
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?						
First batch yet to pass out.						
29. Student progression:						
Employed			NA (First batch yet to pass out.)			
Other than campus Recruitment, Entrepreneurship/Self-employment: NA						
30. Details of Infrastructural facilities						
a) Library			Yes			
b) Internet facilities for Staff & Students			Yes wi-fi campus			
c) Class rooms with ICT facility			01			
d) Laboratories			04 labs with 108 computers			
31. Number of students receiving financial assistance from college, university, government or other agencies: Nil						
32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts						
2013-14						
<ul style="list-style-type: none">Organised Technoquest-2013 covering various business management activities like Business Quiz, Ad-mad Show and Paper Presentation on Nov. 8, 2013.Organised workshop on Resume Writing and Mock Interviews in collaboration with Career Launchers, Patiala on 4th March, 2014.						
33. Teaching methods adopted to improve student learning						
<ul style="list-style-type: none">Computer Assisted LearningE-ResourcesPaper presentationSeminarsInteractive TeachingRole Playing ActivitiesAssignments						



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Departmental faculty organised and participated in Training for the students of Institute of Cost Accountants of India. • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS Awareness Rallies, Blood Donation Camps, Traffic Awareness Camps, Tree Plantation, NSS, NCC camps from time to time.
35. SWOC analysis of the department and Future plans
S: Strength <ul style="list-style-type: none"> • State-of-the-art infrastructure and dedicated faculty. • Excellent Placement Record of the department for allied course BBA. • Use of latest pedagogies in teaching like Audio-Visual aids, PPTs, Live Projects, Field Surveys, Case studies, Role plays, Practical Assignments etc. • Participation of students in co-curricular activities
W: Weaknesses <ul style="list-style-type: none"> • The college is constrained to continue with adhoc staff which probably does not attract best talent in the teaching faculty. This all is due to the vacillating attitude of the government towards sanctioning of new posts in college.
O: Opportunities <ul style="list-style-type: none"> • High rate of growth in Service sector in India will provide a number of employment opportunities in the field of computers and management for persons having knowledge of Maths. • According to Study by FICCI 10 Lac new jobs for professionals in India. • 25 Private Banks are going to enter in Banking industry in 2014 as per RBI information. • Self-employment schemes like MSMEs by the Govt. of India
C: Challenges <ul style="list-style-type: none"> • Mushrooming of new Institutions • Inculcating professional ethics and values among the young generation • Developing Management Style, especially suitable for Indian Industry
Future plans
<ul style="list-style-type: none"> • To start MBA Programme in the coming session. • To organise International Business Conference in November, 2014 • To organise guest lectures and role playing workshops for students.



17. Evaluative Report of the Course – B.A.

1. Name of the Department : Department of Arts (B.A.)					
2. Year of Establishment : 1967					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.etc.)					
Under Graduate			B.A.(3 year Course)		
4. Names of Interdisciplinary courses and the departments/units involved : Nil					
5. Annual/ semester/choice based credit system (Programme wise) B.A.(3 year) Annual Course, Shifting to semester system in phased manner					
6. Participation of the department in the courses offered by other departments Department of Arts participates actively in the courses offered by other departments like: Teaching of Language Subjects: B.Com (General), B.Com (P), BCA, BBA, B.Sc (Fashion Designing), BSc (MCM), B.Sc. (Bio-informatics), M.Com.					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular (09)	Adhoc (21)	
Professor	0	0	0	0	
Associate Professor	08	0	8	0	
Asst. Professors	01	21	1	21	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. Poonam Malhotra	B.A. (Hons.), M.A., M.Phil	Associate Professor	English	32	Nil
Prof. Balvir Singh	M.A. (Hons.), M.Phil	Associate Professor	Punjabi	27	Nil
Dr. Harcharan Singh	M.A. (Punjabi)- Gold Medalist, M.A.(English), M.Phil, M.Ed, Ph.D.	Associate Professor	Punjabi	27	Nil



Prof. Baljinder kaur	M.A., M.Ed, M.Phil	Associate Professor	English	26	Nil
Prof. Shailendra Kaur Sidhu	M.A., M.Phil	Associate Professor	English	24	Nil
Prof. Ved Parkash Sharma	M.A. -Gold Medalist, M.Phil	Associate Professor	Political Science	23	Nil
Prof. Jagdeep Kaur	M.Sc.	Assistant Professor	Geography	16	Nil
Dr. Gurdeep Singh	M.A., M.Phil, Ph.D.	Associate Professor	Punjabi	22	Nil
Dr. Manjit Kaur	M.A., M.Phil, Ph.D.	Associate Professor	Punjabi	16	Nil
Dr. Prem K. Sharma	M.A., Ph.D.	Assistant Professor	Hindi	2	Nil
Veenu Jain	M.Sc., M.Phil, B.Ed.	Assistant Professor	Fashion Technology	8	Nil
Daljeet Kaur	M.A., M.Phil	Assistant Professor	Public Administrator	2	Nil
Prof. Priyanka Malhotra	M.T.A., B.Ed.	Assistant Professor	TTM	8	Nil
Dr. Davinder Singh	M.A., M.Phil.	Assistant Professor	Punjabi	5	Nil
Dr Aman Deep Kaur	M.A., M.Phil, Ph.D., NET	Assistant Professor	Economics	5	Nil
Rakhi	M.Sc., M.Phil.	Assistant Professor	Psychology	5	Nil
Harvinder Singh	M.A.	Assistant Professor	Defense Studies	3	Nil
Vaneet Kaur	M.A., M.Phil, B.Ed.	Assistant Professor	English	6	Nil
Kanu Priya Gupta	M.Sc., B.Ed.	Assistant Professor	Fashion Technology	3	Nil
Shivani Sodhi	M.A., M.Phil, B.Ed.	Assistant Professor	English	3	Nil
Poonam Dhiman	M.A., P.G.Dip. Eng. Language	Assistant Professor	English	3	Nil
Neelu Shukla	M.A., B.Ed.	Assistant Professor	History	6	Nil



Dr. Veerpal kaur	M.A., M.Phil, Ph.D., NET	Assistant Professor	Punjabi	2	Nil
Dr Sawarn Singh	M.A., Ph.D.	Assistant Professor	Punjabi	1	Nil
Dr Jaspreet kaur	M.A., Ph.D.	Assistant Professor	Punjabi	1	Nil
Shivani Malhotra	M.A.	Assistant Professor	English	1	Nil
Amanjot Kaur	M.Sc.	Assistant Professor	Fashion Technolog y	1	Nil
Harpreet Kaur	M.Sc.	Assistant Professor	Fashion Technolog y	1	Nil
Gurpreet Singh	M.A., M.Phil	Assistant Professor	Punjabi	1	Nil
Dharam Pal Singh	M.A.	Assistant Professor	Economic s	1	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty (21 temporary staff)

Class	% of lectures by temporary faculty
B.A. -I	70%
B.A. -II	70%
B.A. -III	71%

13. Student -Teacher Ratio (programme wise)

Name of the programme	B. A. Total Students	B. A. Total Teachers	Student Teacher Ratio
Student Teacher Ratio (Programme Wise)	1081	30	36 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

04 Administrative Staff , 02 Technical Staff , 08 Support Staff

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. : (As in 10)

9/30 are PhD 17/30 are MPhil 3/30 are UGC-NET 30/30 are PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre /facility recognized by the University: Nil



19. Publications: (Annexure –BA-1)	
Paper Presented	20
Paper Published	19
FDP attended	40
Resources Developed	01
Books Published	12
<p>Number of papers published in peer reviewed journals (national/ International) by faculty and students: Nil</p> <p>Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):</p> <p>Monographs- Nil</p> <p>Chapter in Books- Nil</p> <p>Books Edited: Nil</p> <p>Books with ISBN/ISSN numbers with details of publishers: 09</p> <p>Citation Index: Nil</p>	
20. Areas of consultancy and income generated	
<p>Consultancy Services Offered by the Dept.(Not measured in Monetary Terms)</p> <ul style="list-style-type: none"> Members of advisory board of various schools. 	
21. Faculty as members in GOs/NGOs/BOS (Annexure – BA-6)	
<p>Six faculty members represent Board of Studies of various faculties of Punjabi University Patiala, Memberships of literary bodies and various other GOs/NGOs</p>	
22. Student Projects : Nil	
23. Awards / Recognitions received by faculty and students: Nil	
24. List of eminent academicians and scientists / visitors to the department:	
<p>Eminent Academicians / Scientists Who have visited the Department (Annexure – BA-5)</p> <ul style="list-style-type: none"> The eminent Punjabi Poet Padma Shri Surjit Paatar visited on programme Ru-B-Ru organized by punjabi department on Feb.14, 2013. Mr. G.K.Singh, IAS, Deputy Commissioner, Patiala inaugurated the exhibition organized by dept. of fashion design and technology on Feb.1, 2013. Sh. Ramesh Chandra, IAS (Retd.), Representative of UN world tourism organization inaugurated the workshop on tourism awareness which was organized by tourism department on Nov.1-10, 2012. Prof. Jagit Kaur, department of mathematics, Guru Nanak Khalsa College, Delhi, wife of Dr. Jaspal Singh Vice Chancellor Punjabi University, Patiala, inaugurated the exhibition "Creations-2012" organized by department of fashion designing and technology. Shri. S.P. Singh Oberoi, an eminent social figure and philanthropist, Mr. S. K. Ahluwalia, former commissioner Patiala and director Sarbat Da Bhala Trust and Mr. Prabhleen Singh, AO, University College of Engineering, Punjabi University Patiala inaugurated the exhibition organized by department of fashion designing and technology on Feb.22, 2014. 	



<ul style="list-style-type: none">Dr. Joga Singh, Prof. and Ex. Head department of linguistics and Punjabi lexicography, Punjabi university Patiala, delivered a lecture on “Education, International exchange and language : present context” which was organized by Punjabi department on feb.13,2014.						
25. Seminars/ Conferences/Workshops organized & the source of funding						
a) National: Nil						
b) International : Nil						
Any other:						
1. Department of fashion designing and technology organized an exhibition “Creations-2012” .						
2. Tourism department organized the workshop on tourism awareness on Nov.1-10,2012.						
3. Dept. of fashion design and technology organized an exhibition on Feb.1,2013.						
4. Department of fashion designing and technology organized an exhibition on feb,22,2014.						
5. Department of social sciences organized a seminar on “Youth awareness against drugs” on feb.19,2014.						
26. Student profile programme/course wise (Session - 2012-13): Annexure BA-2						
Name of the Course/programme	Applications Received	Selected	Enrolled		Pass Percentage	Univ . Pass Percentage
			Male	Female		
B.A.-I	493	445	381	64	57.30	39.55
B.A.-II	242	231	183	48	83.11	65.66
B.A.-III	245	236	162	74	97.45	68.27
Results pertaining to last five years is shown (Annexure-BA2)						
27. Diversity of Students						
Session 2013-14						
Name of the Course	% of students from the same state		% of students from other States		% of students From abroad	
BA-I	95.75%		4.25%		Nil	
BA-II	94.55%		5.45%		Nil	
BA-III	94.98%		5.02%		Nil	
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Nil						
29. Student progression						
Several students of our college also joined the other PG courses of University like: MBA, MFC, MA (Eco.), M.Phil. and Ph.D. along with other Universities.						
Other than Campus Recruitment, Entrepreneurship/Self-employment						
Arts students student are placed in various services like Defense and paramilitary forces services through NCC Direct entry scheme, BPO through Campus placement, Banking, government services, etc.						



30. Details of Infrastructural facilities	
a) Library	Yes
b) Internet facilities for Staff & Students	Yes wi-fi campus
c) Class rooms with ICT facility	01
d) Laboratories	08 labs (01-Language Lab. Exclusively for arts students and other 7 Computer Labs) with 153 computers
31. Number of students receiving financial assistance from college, university, government or other agencies (Annexure BA-4)	
UG (2) : College Assistant, Fee concession in the form of Fee Concession, Books	
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NIL	
33. Teaching methods adopted to improve student learning	
<ul style="list-style-type: none"> • Computer Assisted Teaching • Use of e-Resources • Group discussion • Paper presentation • Classroom Seminars • Assignments • Workshops • Conferences 	
34. Participation in Institutional Social Responsibility (ISR) and Extension activities	
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps (on demand by local hospital), Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students organize National Youth Day, National Girl Child Day, International Women Day etc. 	
35. SWOC analysis of the department and Future plans	
S: STRENGTH	
<ol style="list-style-type: none"> 1. Arts faculty offering wide array of traditional and vocational subjects like computer applications, fashion technology, Tour and traveling management. 2. Add-on course in Mass communication and Journalism and spoken language. 3. Exposure of students to wide range of co-curricular activities. 	
W: WEAKNESSES	
<ol style="list-style-type: none"> 1. The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum. 2. High rate of shifting of students especially in first year due to large fee difference in comparison to neighboring government institutions. 	



O: OPPORTUNITIES

1. Exploring scope of collaboration with international institutes.
2. Exploring possibilities of short term and long term vocational courses.
3. Growing Indian economy providing number of job opportunities.

C: CHALLENGES

- Receding sheen and trends of study of basic social science courses.
- University curriculum revision mechanism is less dynamic resulting in obsolete courses of study.
- The college is constrained to continue with adhoc staff which probably does not attract best talent in teaching faculty. This all is due to the government policy towards recruitment against vacant posts under grant-in-aid in colleges.

FUTURE PLANS

- To explore the possibilities of evening and new courses.
- To explore the possibilities of PG courses.



18. Evaluative Report of the Course – B.Sc. (FDT)

1. Name of the Department : Department of Arts (B.Sc.(FDT))					
2. Year of Establishment : 1967 (B.Sc.(FDT) started in 2013)					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Under Graduate			BSc(FDT) (duration 3 years)		
4. Names of Interdisciplinary courses and the departments/units involved : M.Sc.(FDT),PGDDT, BA(FD)					
5. Annual/ semester/choice based credit system (Programme wise) B.Sc. (FDT) with six semesters					
6. Participation of the department in the courses offered by other departments Department of Fashion Designing participates actively in the courses offered by other departments like: Teaching of Subjects: BA (Fashion Designing)					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts.					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	0	0	0	0	
Associate Professor	0	0	0	0	
Asst. Professors	0	1	0	1	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Harpreet Kaur	M.Sc.(FDT)	Asstt. Professor	Fashion Technology	1	Nil
11. List of senior visiting faculty: Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty					
Class	% of lectures by temporary faculty				
BSc(FDT)-I	100%				
BSc(FDT)-II	100%				
BSc(FDT)-III	100%				



13. Student -Teacher Ratio (programme wise)			
2013-14			
Class	B.Sc.(FDT) Total Students	B.Sc.(FDT) Total Teachers	Students Teacher Ratio
Student Teacher Ratio (Programme Wise)	13	01	13:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:			
Support Staff		01	
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. :(As in 10)			
0/1 is PhD	0/1 is MPhil	0/1 is UGC-NET	1/1 is PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil			
18. Research Centre /facility recognized by the University : No research center as such has been approved however faculty is approved by Punjabi university for supervising research work and supervising research scholar pursuing their Ph.D. with Punjabi university			
19. Publications: Nil			
Number of papers published in peer reviewed journals (national/ International) by faculty and students: Nil			
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):			
Monographs- Nil			
Chapter in Books- Nil			
Books Edited: Nil			
Books with ISBN/ISSN numbers with details of publishers: Nil			
Citation Index: Nil			
20. Areas of consultancy and income generated			
<ul style="list-style-type: none">• Consultancy Services Offered by the Dept.(Not measured in Monetary Terms)• Members of advisory board of various schools.			
21. Faculty as members in: Nil			
22. Student Projects :-Nil			
23. Awards / Recognitions received by faculty and students: One of our faculty members is Gold Medalist and Two of our faculty members are in Ist and IInd position in MSc (FDT)-2013 in Punjabi University, Patiala.			
24. List of eminent academicians and scientists / visitors to the department:			
Eminent Academicians / Scientists Who have Visited the Department			



- Mr. G.K. Singh, IAS, Deputy Commissioner, Patiala inaugurated the exhibition organized by dept. of fashion design and technology on Feb.1, 2013.
- Prof. Jagjit Kaur, department of mathematics, Guru Nanak Khalsa College, Delhi, wife of Dr. Jaspal Singh Vice Chancellor Punjabi University, Patiala, inaugurated the exhibition "Creations-2012" organized by department of fashion designing and technology.
- Shri. S.P. Singh Oberoi, an eminent social figure and philanthropist, Mr. S. K. Ahluwalia, former commissioner Patiala and director Sarbat Da Bhala Trust and Mr. Prabhleen Singh, AO, University College of Engineering, Punjabi University Patiala inaugurated the exhibition organized by department of fashion designing and technology on Feb. 22, 2014.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National : Nil

b) International: Nil

c) Any Other:

- Department of fashion designing and technology organized an exhibition "Creations-2012".
- Dept. of fashion design and technology organized an exhibition on Feb.1, 2013.
- Department of fashion designing and technology organized an exhibition on Feb.22, 2014.

26. Student profile programme/course wise: (Session- 2012-13):

Name of the Course/programme (Refer question no.)	Applications Received	Selected	Enrolled		Pass%	University Pass%
			Male	Female		
B. Sc. (FDT) – I	15	13	01	12	100%	100%

27. Diversity of Students

Session 2013-14

Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
BSC(FDT)-I	93.33%	6.67%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Nil

29. Student progression Annexure –BF3

Student progression	Against % Enrolled
Entrepreneurship/Self-employment	Nil

Other than campus Recruitment, Entrepreneurship/Self-employment: Nil

30. Details of Infrastructural facilities

a) Library	Yes
b) Internet facilities for Staff & Students	Yes (Wi-fi)
c) Class rooms with ICT facility	01
d) Laboratories	03 labs (01-Computer Lab, 02- Fashion Designing Labs)



31. Number of students receiving financial assistance from college, university, government or other agencies
UG (2) : College Assistant, Fee concession in the form of Fee Concession, Books Nil
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil
33. Teaching methods adopted to improve student learning
<ul style="list-style-type: none"> • Computer Assisted Teaching • Use of e-Resources • Industrial Visit • Group discussion • Paper presentation • Classroom Seminars • Demonstration Method • Assignments • Workshops • Preparation of specimens
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps (on demand by local hospital), Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students organize National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
S: STRENGTH: <ul style="list-style-type: none"> • Students of Fashion Design and Technology, cater to the needs of being the trendsetters in the field of Garments and Apparels. The college imparts them the required Industrial Training. By getting the Knowledge of Computers for Designing purpose along with their exposure to Industry, they become technology Savvy.
W: WEAKNESSES: <ul style="list-style-type: none"> • The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum.
O: OPPORTUNITIES: <ul style="list-style-type: none"> • Exploring scope of collaboration with international institutes/ agencies. • Exploring possibilities of short term and long term vocational courses offered. • Exploring the possibility of collaboration with reputed designing institutions.



C: CHALLENGES:

- The college is constrained to continue with adhoc staff which probably does not alternate best talent in teaching faculty. This all is due to pathetic attitude of government towards sanction of new posts against grant-in- aid.

F: FUTURE PLANS

- To introduce small capsule programmes.
- Starting new vocational courses.
- To explore the possibility of collaboration with international institutions of repute.

19. Evaluative Report of the Course – M.Sc. (FDT)

1. Name of the Department : Department of Arts (M.Sc.(FDT))					
2. Year of Establishment : 1967 (M.Sc.(FDT) started in 2008)					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)					
Post Graduate			M.Sc.(FDT)(2 year Course)		
4. Names of Interdisciplinary courses and the departments/units involved : BA(FD),B.Sc.(FDT),PGDDT					
5. Annual/ semester/choice based credit system (Programme wise) M.Sc.(FDT) with four semesters					
6. Participation of the department in the courses offered by other departments Department of Fashion Designing participates actively in the courses offered by other departments like: Teaching of Subjects: BA(Fashion Designing), B.Sc.(Fashion Designing), PGDDT					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts					
	Sanctioned		Filled		
	Regular	Adhoc	Regular(0)	Adhoc(2)	
Professor	0	0	--	--	
Associate Professor	0	0	--	--	
Asst. Professors	0	2	0	2	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc/D.Litt/Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Veenu Jain	M.Sc., M.Phil, B.Ed.	Assistant Professor	Fashion Technology	8	Nil
KanuPriya Gupta	M.Sc., B.Ed.	Assistant Professor	Fashion Technology	3	Nil
11. List of senior visiting faculty. Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty (temporary staff)					



Class		% of lectures by temporary faculty	
M.Sc.(FDT)-I		100%	
M.Sc.(FDT)-II		100%	
13. Student -Teacher Ratio (programme wise)			
2012-13			
Name of the programme	M.Sc.(FDT)-I	M.Sc.(FDT)-II	
Student Teacher Ratio	16.8 : 1	21.6 : 1	
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled			
Administrative Staff		01	
Technical Staff		01	
Support Staff		01	
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.: (As in shown in 10)			
Ph. D	M.Phil	UGC-NET	PG
0/2	1/2	1/2	2/2
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received. Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil			
18. Research Centre /faculty recognized by the University:			
No research center as such has been approved however faculty is approved by Punjabi university for supervising research work and supervising research scholar pursuing their Ph.D. with Punjabi university.			
19. Publications:(Annexure-MF1)			
Paper Published		02	
Paper Presented		01	
FDP attended		Nil	
20. Areas of consultancy and income generated			
Consultancy Services Offered by the Dept.(Not measured in Monetary Terms)			
Members of advisory board of various schools.			
21. Faculty as members in (Annexure -MF-6)			
<ul style="list-style-type: none">Member, Board of studies (Fashion Designing) Punjabi University, PatialaMember, Board of studies (Fashion Designing) DeshBhagat University, Amloh, MandiGobindgarh			
22. Student Projects: Students of MSc.(FDT) undergo projects training as part of course curriculum.			



23. Awards / Recognitions received by faculty and students: One of our faculty members is Gold Medalist and Two are in Ist and IInd position in MSc(FDT) in Punjabi University ,Patiala.						
24. List of eminent academicians and scientists / visitors to the department: Annexure-MF-5)						
Eminent Academicians / Scientists Who have Visited the Department						
<ul style="list-style-type: none">Mr. G.K. Singh, IAS, Deputy Commissioner, Patiala inaugurated the exhibition organized by dept. of fashion design and technology on Feb.1, 2013.Prof. Jagjit Kaur, department of mathematics, Guru Nanak Khalsa College, Delhi, wife of Dr. Jaspal Singh Vice Chancellor Punjabi University, Patiala, inaugurated the exhibition “Creations-2012” organized by department of fashion designing and technology.Shri. S.P. Singh Oberoi, an eminent social figure and philalthropist, Mr. S. K. Ahluwalia, former commissioner Patiala and director Sarbat Da Bhala Trust and Mr. PrabhleenSingh, AO, University College of Engineering, Punjabi University Patiala inaugurated the exhibition organized by department of fashion designing and technology on Feb. 22, 2014.						
25. Seminars/ Conferences/Workshops organized & the source of funding						
<ul style="list-style-type: none">National Department of fashion designing and technology organized an exhibition “Creations-2012”.Dept. of fashion design and technology organized an exhibition on Feb.1,2013.Department of fashion designing and technology organized an exhibition onFeb.22,2014.						
b) International Nil						
26. Student profile programme/course wise(2012-13): (Annexure-MF-2)						
Name of the Course/programe (refer question no. 4)	Applications Received	Selected	Enrolled		Pass Percentage	University Pass Percentage
			Male	Female		
MSc-I	23	21	0	21	100%	79.42%
MSc-II	27	27	3	24	100%	92.27%
Students progression in results has been shown in bar graphs in (Annexure-MF-2)						
27. Diversity of Students						
Session 2013-14						
Name of the Course	% of students from the same state		% of students from other States		% of students From abroad	
MSc(FDT)-I	92.59%		7.41%		--	
MSc(FDT)-II	89.47%		10.53%		--	
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Nil						



29. Student progression (Annexure-MF3)

Various students have joined UG to PG course M.Sc.(FDT) in our college and several students of our college also joined the other PG courses of University like: M.Phil., Ph.D. and POST-Doctoral along with other Universities.

Student progression	Against % Enrolled	
	Year	No. of placements
Employed <ul style="list-style-type: none"> ➤ Campus Selection ➤ Other than Campus Recruitment 	2009 -10	09
	2010 -11	05
	2011 - 12	10
	2012 - 13	08
Entrepreneurship/Self-employment		

Other than campus Recruitment, Entrepreneurship/Self-employment:

Arts students are placed in various services like: Defense, Banks, Govt. Sector, Private Firms and Companies etc. Many of our students are successful entrepreneurs of this region but it is very difficult to give the exact data of those students.

Students placements has been shown in (Annexure-MF3)**30. Details of Infrastructural facilities**

a) Library	Yes
b) Internet facilities for Staff & Students	Yes Wi-fi campus
c) Class rooms with ICT facility	01
d) Laboratories	03 labs(01-Computer Lab, 02- Fashion Designing Labs)

31. Number of students receiving financial assistance from college, university, government or other agencies(Annexure-MF4)

UG (2) : College Assistant, Fee concession in the form of Fee Concession, Books

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil**33. Teaching methods adopted to improve student learning**

- Computer Assisted Teaching
- Use of e-Resources
- Industrial Visit
- Group discussion
- Paper presentation
- Classroom Seminars
- Demonstration Method
- Assignments
- Workshops
- Preparation of specimens



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps (on demand by local hospital), Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students organize National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
S: STRENGTH: <ul style="list-style-type: none"> • Students of Fashion Design and Technology, cater to the needs of being the trendsetters in the field of Garments and Apparels. The college imparts them the required Industrial Training. By getting the Knowledge of Computers for Designing purpose along with their exposure to Industry, they become technology Savvy.
W: WEAKNESSES: <ul style="list-style-type: none"> • The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum.
O: OPPORTUNITIES: <ul style="list-style-type: none"> • Exploring scope of collaboration with international institutes/ agencies. • Exploring possibilities of short term and long term vocational courses offered. • Exploring the possibility of collaboration with reputed designing institutions.
C: CHALLENGES: <ul style="list-style-type: none"> • The college is constrained to continue with adhoc staff which probably does not alternate best talent in teaching faculty. This all is due to pathetic attitude of government towards sanction of new posts against grant-in- aid.
F: FUTURE PLANS <ul style="list-style-type: none"> • To introduce small capsule programmes. • Starting new vocational courses. • To explore the possibility of collaboration with international institutions of repute.



20. Evaluative Report of the Course – PGDDD&T

1. Name of the Department : Department of Arts(PGDDD&T)					
2. Year of Establishment :1967 (PGDDD&T started in 2005)					
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.)					
Post Graduate			PGDDD&T(1 year Course)		
4. Names of Interdisciplinary courses and the departments/units involved : BA(FD),B.Sc.(FDT),M.Sc.(FDT)					
5. Annual/ semester/choice based credit system (Programme wise) PGDDD&T with two semesters					
6. Participation of the department in the courses offered by other departments Department of Fashion Designing participates actively in the courses offered by other departments like: Teaching of Subjects: BA (Fashion Designing), B.Sc.(Fashion Designing), M.Sc.(Fashion Designing)					
7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil					
8. Details of courses/ programmes discontinued (if any) with reasons. Nil					
9. Number of Teaching posts.					
	Sanctioned		Filled		
	Regular	Adhoc	Regular	Adhoc	
Professor	0	0	0	0	
Associate Professor	0	0	0	0	
Asst. Professors	0	1	0	1	
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Amanjot Kaur	M.Sc. (FDT)	Asstt. Professor	Fashion Technology	1	Nil
11. List of senior visiting faculty. Nil					
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty (21 temporary staff)					
Class		% of lectures by temporary faculty			
PGDDT		100%			



13. Student -Teacher Ratio (programme wise)			
Class	PGDDT Total Students	PGDDT Total Teachers	Student Teacher Ratio
Student Teacher Ratio (Programme Wise)	03	01	3 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:			
01 Administrative Staff, 01 Technical Staff, 01 Support Staff			
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG. :(As in shown in 10)			
Ph.D	M.Phil.	UGC-NET	PG
0/1	0/1	0/1	1/1
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received. Nil			
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil			
18. Research Centre /facility recognized by the University Nil			
19. Publications:			
Paper Presented		Nil	
Paper Published		Nil	
FDP attended		Nil	
20. Areas of consultancy and income generated			
Consultancy Services Offered by the Dept.(Not measured in Monetary Terms) Nil			
21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards: Nil			
22. Student Projects :-Nil			
23. Awards / Recognitions received by faculty and students:			
One of our faculty members is Gold Medalist and Two are in Ist and IInd position in MSc(FDT) in Punjabi University ,Patiala.			
24. List of eminent academicians and scientists / visitors to the department:			
Eminent Academicians / Scientists Who have Visited the Department. (Annexure-PDF5)			
<ul style="list-style-type: none">Mr. G.K. Singh, IAS, Deputy Commissioner, Patiala inaugurated the exhibition organized by dept. of fashion design and technology on Feb.1, 2013.Prof. Jagjit Kaur, department of mathematics, Guru Nanak Khalsa College, Delhi, wife of Dr. Jaspal Singh Vice Chancellor Punjabi University, Patiala, inaugurated the exhibition “Creations-2012” organized by department of fashion designing and technology.Shri. S.P. Singh Oberoi, an eminent social figure and philanthropist, Mr. S. K. Ahluwalia, former commissioner Patiala and director Sarbat Da Bhala Trust and Mr. Prabhleen Singh, AO, University College of Engineering, Punjabi University Patiala inaugurated the exhibition organized by department of fashion designing and technology on Feb. 22,2014.			



25. Seminars/ Conferences/Workshops organized & the source of funding						
a) National:						
b) International:						
Any other:						
<ul style="list-style-type: none"> Department of fashion designing and technology organized an exhibition "Creations-2012". Dept. of fashion design and technology organized an exhibition on Feb.1, 2013. Department of fashion designing and technology organized an exhibition on Feb.22, 2014. 						
26. Student profile programme/course wise: (2012-13) (Annexure-PDF2)						
Name of the Course/programme (refer question no. 4)	Applications Received	Selected	Enrolled		Pass percentage	Uni. Pass percentage
			Male	Female		
PGDDT	3	3	0	3	100%	93.47%
Students progression in results has been shown in bar graphs in (Annexure-PDF2)						
27. Diversity of Students						
Session 2012-13						
Name of the Course	% of students from the same state	% of students from other States	% of students From abroad			
PGDDT	100%	-	Nil			
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?Nil						
29. Student progression:						
Various students have joined UG to PG course in our college and several students of our college joined the other PG courses of University like: MBA, MFC, MA (Eco.), M.Phil., Ph.D. and POST-Doctoral along with other Universities.						
Employed	Students are placed in various services like Banking, Teaching, government services, etc.					
<ul style="list-style-type: none"> Campus Selection 						
30. Details of Infrastructural facilities						
a) Library	Yes					
b) Internet facilities for Staff & Students	Yes (Wi-fi)					
c) Class rooms with ICT facility	01					
d) Laboratories	03 labs (01-Computer Lab, 02- Fashion Designing Labs)					



31. Number of students receiving financial assistance from college, university, government or other agencies NIL
UG (2) : College Assistant, Fee concession in the form of Fee Concession, Books
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil
33. Teaching methods adopted to improve student learning
<ul style="list-style-type: none"> • Computer Assisted Teaching • Use of e-Resources • Industrial Visit • Group discussion • Paper presentation • Classroom Seminars • Demonstration Method • Assignments • Workshops • Preparation of specimens
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
<ul style="list-style-type: none"> • Department faculty and students participate in Environment related programmes to create awareness for environment friendly society. • Students participate in AIDS awareness rallies, blood donation camps (on demand by local hospital), Traffic Awareness camps, NSS, NCC camps from time to time. • Department faculty and students organize National Youth Day, National Girl Child Day, International Women Day etc.
35. SWOC analysis of the department and Future plans
S: Strength: <ul style="list-style-type: none"> • Students of Fashion Design and Technology, cater to the needs of being the trendsetters in the field of Garments and Apparels. The college imparts them the required Industrial Training. By getting the Knowledge of Computers for Designing purpose along with their exposure to Industry, they become technology Savvy.
W: WEAKNESSES: <ul style="list-style-type: none"> • The faculty is still striving to come out of the comfort zone which traditional teaching provides and is limited to completion of curriculum.
O: OPPORTUNITIES: <ul style="list-style-type: none"> • Exploring scope of collaboration with international institutes/ agencies. • Exploring possibilities of short term and long term vocational courses offered. • Exploring the possibility of collaboration with reputed designing institutions.



C: Challenges:

- The college is constrained to continue with adhoc staff which probably does not alternate best talent in teaching faculty. This all is due to pathetic attitude of government towards sanction of new posts against grant-in- aid.

F: FUTURE PLANS

- To introduce small capsule programmes.
- Starting new vocational courses.
- To explore the possibility of collaboration with international institutions of repute.



4. Post-accreditation Initiatives

The college was accredited on 14.03.2005. Following initiatives have been taken by the college keeping into view the suggestions given by the peer team:

1. New courses introduced after the accreditation are listed below:
 - i. M. Sc. Chemistry (2007)
 - ii. M. Sc. IT (2007)
 - iii. M. Sc. Pharmaceutical Chemistry (2008)
 - iv. M. Sc. Fashion Technology (2008)
 - v. M.Sc. Biotechnology (2009)
 - vi. B Com (Professional) (2010)
 - vii. M.Sc. IT – Lateral Entry (2010)
 - viii. M.Sc. Mathematics (2011)
 - ix. M.Com. (2011)
 - x. B.Sc. MCM (2013)
 - xi. B.Sc. Fashion Technology (2013)
 - xii. Add-on course in Spoken English
 - xiii. Add-on course in Journalism and Mass Communication and Computerized Accounting (2013)

Thus the first suggestion has been implemented in letter and spirit. It is quite satisfying for us to mention that the college has done more than suggested in this respect. Another dimension to this fact is that all these courses are running successfully, which is evident from the consistent growth in the gross enrolment of the college.

Sr. No.	Session	Gross Enrolment	% increase* over the previous year
1	2014-15	3700	7%
2	2013-14	3449	9%
3	2012-13	3161	7%
4	2011-12	2959	8%
5	2010-11	2748	

* Rounded off to whole number



2. *At the time of accreditation, the peer team found that college had the potential in sports and therefore college should therefore acquire playgrounds and start Physical Education courses.*

Keeping this suggestion in mind our college took following initiatives:

- 13 Sports wings have been allotted to the college by the affiliating University and Punjab Sports Department.
- All the sportspersons of these wings use the grounds and infrastructure of Punjabi University, NIS, SAI and Punjab Sports Department. The quality of infrastructure these institutions have is comparable with the best in the world. This facility obviates the necessity of acquiring our own playgrounds. Secondly, our college is situated in densely populated area of the city where purchase of additional adjoining open land is next to impossible.
- Lawn tennis court has been developed for the sportspersons within the college campus.

All these efforts have resulted in improving the performance of sportspersons at University, National and International level competitions (for details, refer to Annexure-XIII). Thus the second suggestion has also been taken care of successfully.

3. It is true that college has not been able to construct hostel, but it is equally true that we are attracting students from far flung areas including students from other states. Our college caters to the need of higher education for the entire Malwa region of Punjab. This is possible because there is tremendous growth in the availability of Paying Guest (PG) facility in the close vicinity of the college. The college also has an understanding with other institutes in the city with hostel facility for getting accommodation for our students.
4. At the time of accreditation, formulation of plans and policies as well as their execution was done by the academic council including

Registrar, headed by the Principal of the college. This arrangement was very effective at that time but on the suggestion of the peer team, IQAC was formally constituted on 5.10.2011 and now the function of formulation of plans and policies is performed by this cell. This cell performs the function of formulations of plans and analysis of action taken. The AQARs for the last four years have been submitted to NAAC.

5. The suggestion of computerization of library has been fully implemented. Computerized catalogueing is completed, bar-coding is done and issue-return of books is also computerized. Libsys software of Library computerization and Online Public Access Catalogue (OPAC) are used. Large number of books has been added through annual addition of latest books in different fields of study. Library has subscribed 74 journals/magazines and 17 newspapers. INFLIBNET subscription is also made available to registered members.
6. Placement cell has been reconstituted by associating teachers from different faculties. This has enabled us to mobilize and involve large number of students from outgoing classes. Finishing School Programme is an important step for developing and honing the communication skill and ability to present themselves before the interview board. Industrial visits to have the feel of workplace environment and to interact with the people working there is an important lifetime experience. These initiatives improve the employability quotient the students. This is reflected through the number of placements recorded in the last four years.
Alumni Association is operational and its number has increased considerably.
7. Six new professional/vocational courses have been started in the last 5 years. These are MSc (FDT), BSc (FT), BSc (MCM), BCom



(Professional), MSc (Biotechnology) and MSc (Pharmaceutical Chemistry). Apart from these courses, revival of conventional courses in Science and Commerce has also been witnessed. Due to this factor, MSc (Chemistry), MSc (IT), MCom, MSc (Mathematics) have been started. With the induction of these courses financial health of the institution has improved considerably. These courses have attracted students from neighbouring states as well. This has raised the status of the college in the entire northern region of India. This observation is based on the survey Guide to Best Colleges published twice in The Tribune during 2013 and 2014, which places us among top 10 colleges of northern region.

Hence, the seventh suggestion has also been implemented.

8. Students who normally join our college have varied backgrounds. Though major section of the students has urbanite background, considerable number of students comes from rural areas too. There is an apparent gap between the linguistic ability of students with urbanite and rural backgrounds. This gap is a hindrance in the normal academic growth of students with rural background. Our college has taken three important initiatives to bring them at par with other students.
 - (i) Add-on course in Spoken English for Communication Skills. Digital Language Lab has been established primarily to cater to the needs of such students.
 - (ii) Add-on course in Journalism and Mass Communication is another course where students get an opportunity to understand the nuances of the language by understanding English and other vernacular languages simultaneously.



- (iii) Finishing School Programme is the third step where outgoing students undergo training programmes for improving their presentation during interviews.
- 9. Postgraduate Vocational course Postgraduate Diploma in Dress Designing and Tailoring (PGDDD&T) as suggested by UGC has already been started.

Since last accreditation some important developments have taken place in our college. A brief sketch of these developments is given here:

- (i) **Infrastructure Augmentation:** College has spent huge money for augmenting its infrastructure in the form of extension of building, addition of new laboratories, enrichment and automation of library, acquisition of latest equipment and upgradation of existing ICT facilities.
For details, refer Criteria V.
- (ii) **College with Potential for Excellence (CPE) status by UGC:**
The UGC has conferred CPE status to us on 20 July, 2010.
- (iii) **Promotion of Research:** Our College has made serious efforts for encouraging the staff and students to participate in research activities. Infrastructural facilities are provided, leaves are granted for participation in seminars and conferences, National and International seminars are organized in the college and this whole effort has created an environment which is conducive to the promotion of research. As an indicator of this initiative, many of our teachers have been awarded M.Phil/Ph.D. degrees, 6 of them are supervising the research work for Ph.D. of 22 students, 125 research papers have been published and 205 are presented in National and International Seminars/Conferences.



Dr. Sanjay Kumar, Assistant Professor in the department of Chemistry has been awarded *Raman Fellowship* by UGC for carrying out post-doctoral research project at Harvard University, USA in 2014.





MULTANI MAL MODI COLLEGE

PATIALA-147001

Phone : 0175-2214108
0175-2212049
Fax : 0175-2305853
E-mail : principal@modicollege.com

Ref No. 760/MMC/2014

Dated 16/8/14

Declaration by the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Principal,
M. M. Modi College,
Patiala.

Place: Patiala

Date: 16.08.2014



Appendix – I

List of Annexures

Sr. No.	Annexure No.	Subject
1	Annexure - I	Faculty Development Profile
2	Annexure - II	Student Progression and Results
3	Annexure - III	Campus Placement (On-Campus & Off-Campus)
4	Annexure - IV	Financial Support to Students
5	Annexure - V	Eminent Scholars Visited
6	Annexure - Va	Industrial Vistis and Educational Tours
7	Annexure - VI	Faculty representation on Governing Bodies/NGO/BOS
8	Annexure - VII	Internship for PG Courses
9	Annexure - VIII	Research Laboratories and Equipment
10	Annexure - IX	Building and Infrastructure
11	Annexure - X	Modules of Finishing School Programme
12	Annexure - XI	Achievements in NSS, NCC and Co-curricular Activities
13	Annexure – XII	University Merit Positions
14	Annexure – XIII	Sports Achievements
15	Annexure – XIV	Co-Academic Activities
16	Annexure – XV	Projects by PG Students
17	Annexure – XVI	Admission Schedule (2013-14)

- *Note: Brief Tables showing number of Merits, NCC Achievements and Sports Achievements is given on following page. The detailed annexures will be provided at the time of visit.*



University Merit Positions

Sr. No.	Session	Gold Medals	Total University Merit Positions
1.	2012-13	4	30
2.	2011-12	4*	45
3.	2010-11	4	32
4.	2009-10	4	23

**Including 1 CHANCELLOR'S MEDAL of Excellence.*

National Cadet Corps (NCC)

Table of NCC Participations/Achievements

Session	National	State	'C' Certificate
2010-11	06	50	10
2011-12	04	48	23
2012-13	03	49	20
2013-14	06	40	29



Sports Achievements

Year	Punjabi University Inter-College Championships			National / All India Inter University		International	
	Winners	Runners up		Achievements	Participations	Achievements	Participations
		First	Second				
2009-10	19	12	03	28 Gold medals, 20 silver medal & 17 bronze medals	113	01 Gold medal, 01 bronze medal	02
2010-11	17	09	05	43 Gold medals, 27 silver medal & 18 bronze medals	121	01 Gold medal	05
2011-12	15	04	02	22 Gold medals, 11 Silver medal & 16 Bronze medals	94	02 Gold medals	05
2012-13	11	05	06	13 Gold medals, 17 silver medal & 25 bronze medals	87	01 bronze medal	03
2013-14	12	10	07	23 Gold medals, 15 silver medal & 16 bronze medals	82	01 Gold medal	02



List of Appendices

Sr. No.	Appendix No.	Subject	Page No.
1	Appendix - I	Accreditation Certificate	359-360
2	Appendix - II	Affiliation Letters	361-364
3	Appendix - III	Letter of Approved Courses	365
4	Appendix - IV	Certificate of UGC Recognition under 2f and 12b	366-369
5	Appendix - V	List of Management Committee Members	370
6	Appendix - VI	Layout Maps	371-377
7	Appendix - VII	Letter of CPE	378-379
8	Appendix - VIII	Receipt and Payment Statement of two years (Audited)	380-401



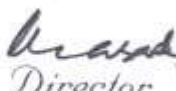
Appendix - I



Appendix - I

Quality Profile			
Name of the Institution : Multani Mal Modi College			
Place : Near Sunami Gate, Patiala, Punjab			
Criterion	Criterion Score (Ci)	Weightage (Wi)	Criterion X Weightage (Ci x Wi)
I. Curricular Aspects	82	10	820
II. Teaching-learning and Evaluation	83	40	3320
III. Research, Consultancy and Extension	70	05	350
IV. Infrastructure and Learning Resources	82	15	1230
V. Student Support and Progression	80	10	800
VI. Organisation and Management	80	10	800
VII. Healthy Practices	80	10	800
		100	$\Sigma C_i W_i = 8120$

$$\text{Institutional Score} = \frac{\Sigma C_i W_i}{\Sigma W_i} = \frac{8120}{100} = 81.20$$


 Director

EC/35/026



Appendix - II

Copy of paragraph 21 from the proceedings of the meeting of the Academic Council, held on July 8, 1967.

21. Considered the reports, dated March 22, 1967, and June 3, 1967 (Appendix XII) of the Committee appointed by the Academic Council (Para 15, 7.12.1966) to scrutinize the application of R.B. Multani Mal Modi Charitable trust, for grant of affiliation for starting Multani Mal Degree College at Patiala.

The Vice-Chancellor stated that he had in anticipation of the approval of the Academic Council, allowed the Multani Mal Modi Degree College to take admission for the following courses provided the college admitted only 50 ~~xxxxxxxxxxxx~~ students to the I-Year Commerce course:

1. Pre-University
2. Pre-Engineering
3. B.A. (TDC) Part I
4. First Year Commerce Course (B.Com. Part I)

Dr Juneja stated that in order to encourage admissions to the new college, the restriction of 45% marks for admission to B.Com. Part I, for those who had not taken up Commerce Group in Higher Secondary or Pre-University course, be relaxed as the number of candidates fulfilling this requirement, who had applied for admission, was much too small. He also requested that the number of seats in the First Year Commerce Course, be raised from 50 to 60.

Principal Raj Narain supported Dr Juneja and stated that he was also feeling difficulty in getting a sufficient number of applicants for admission fulfilling these requirements. He further stated that candidates who had taken up Science subjects in their Higher Secondary/ Pre-University Course and had been able to get admission on the basis of 45% marks did not compare favourably

.....2



Appendix - II

WITH those who had lesser marks but had studied Economics and Geography in Higher Secondary or Pre-University course.

The Vice-Chancellor stated that this restriction had been imposed on the recommendation of a committee, the object being to improve the academic standards.

After some discussion, it was resolved that..

- (i) The college be allowed to make admissions for the following courses provided the college shall admit only 60 students in the course:

1. Pre-University.
2. Pre-University *Examination*
3. B.A. (T.D.C.) Part I
4. First Year Commerce Course (B.Com Part I)

- (ii) That only such candidates may be admitted to B.Com. Part I who had obtained:

- (a) 40% marks in the aggregate in case of those who had taken up commerce Group or the subject of Economics in Higher Secondary/Pre-University;
- (b) 45% marks in the aggregate in all other cases.

It was also resolved that both the Govt.

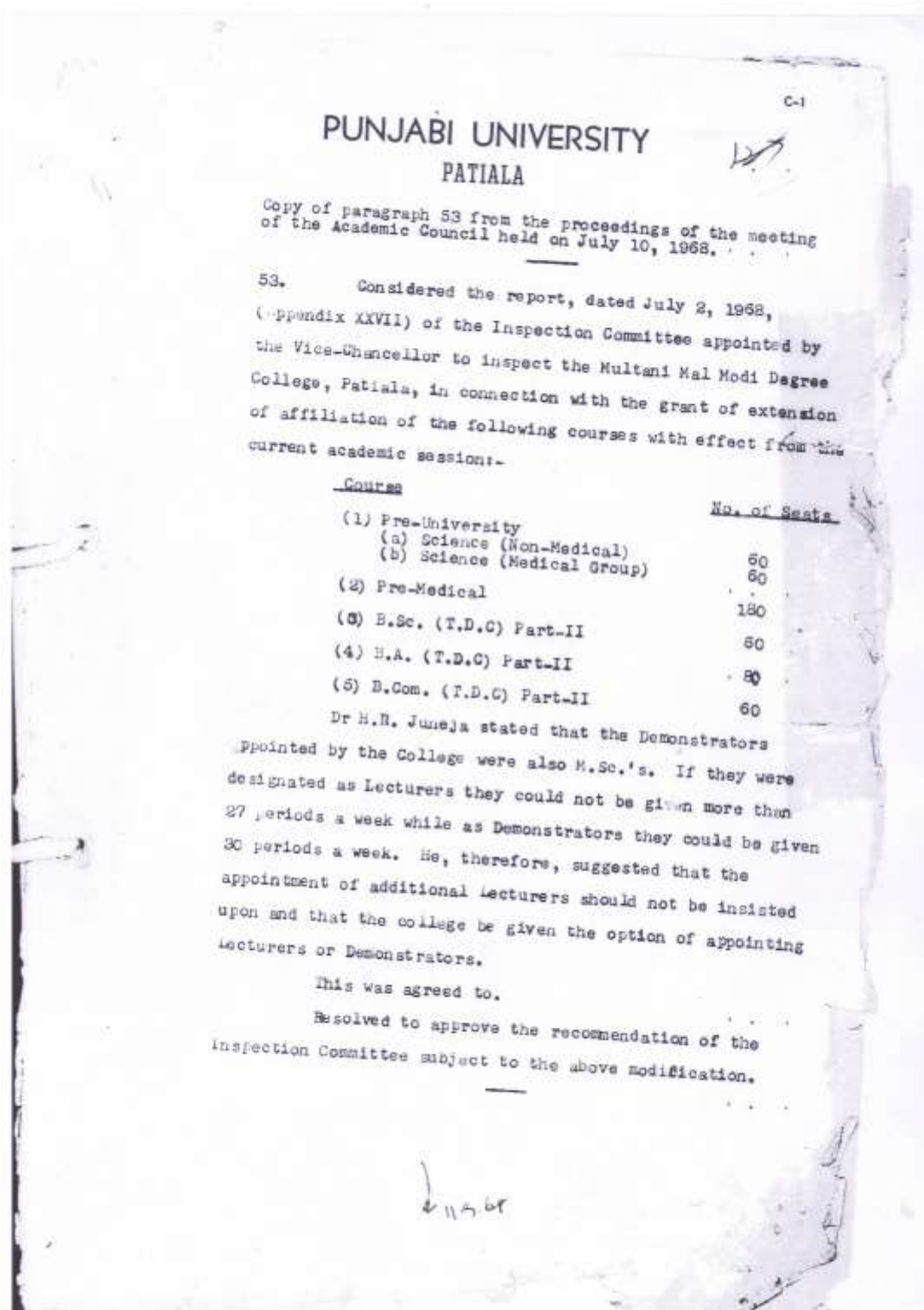
Bikram college of Commerce, Patiala and the Multani Mal Modi Degree College, Patiala, would follow the same admission requirements.

Encl. no. 16674-76

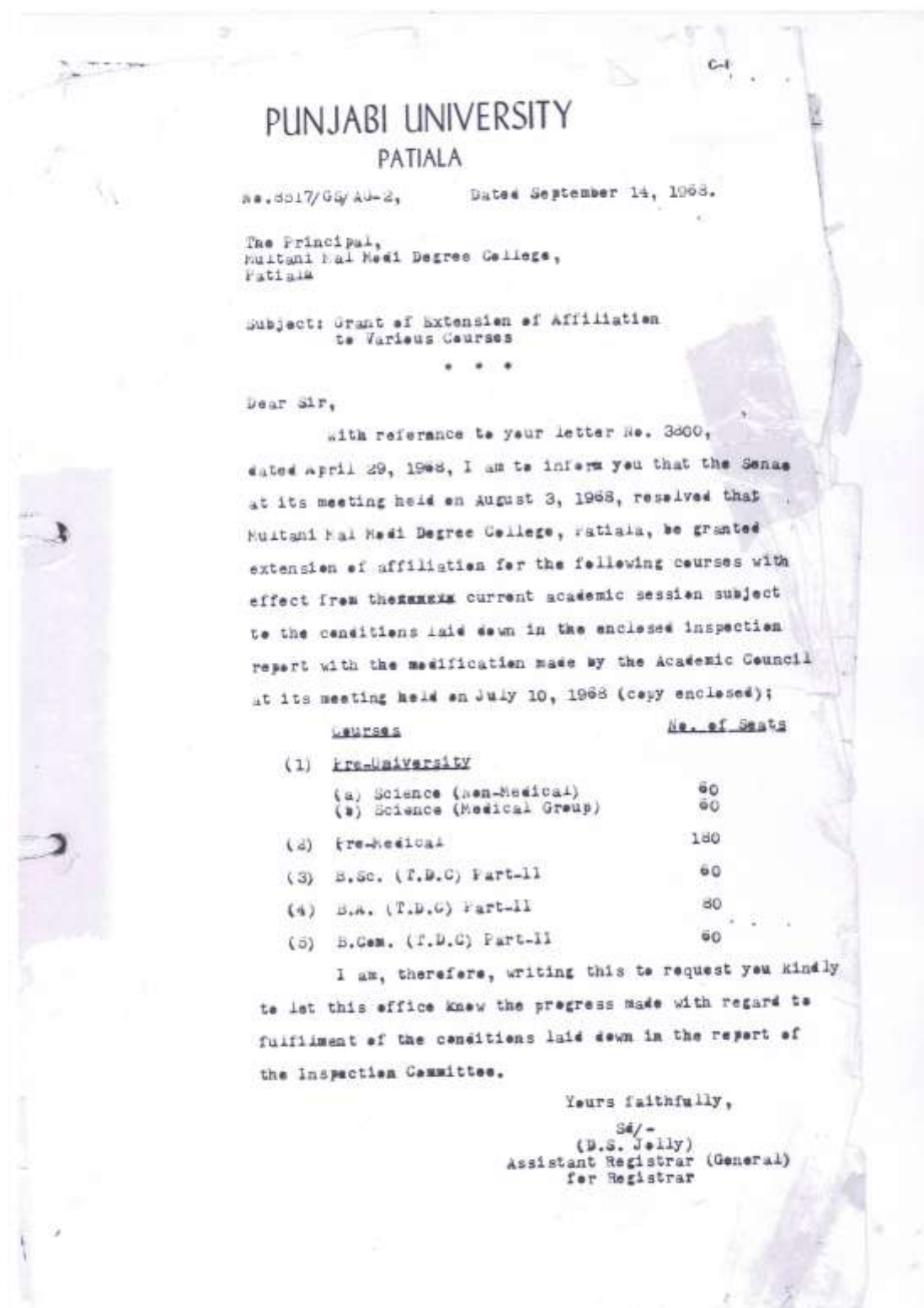
7/10-7-67.



Appendix - II



Appendix - II



Appendix – III


Letters 117

Punjabi University, Patiala
(Established Under Punjab Act No. 35 of 1961)
(college section)


Regl.

No. 3358...../College/G.C. 4
Date 14/8/13...../2013

Certified that **Multani Mal Modi College, Patiala** is affiliated to Punjabi University, Patiala since 1967 & the college is Permanent affiliated to this University. The courses running by the college are B.A (English, Punjabi (compulsory), English, Punjabi, Hindi (Lit.), Economics, Defence studies, History, Math, Physical Education, Psychology, Sociology, Public Administration, Geography, Music (Vocal & Instrumental), Computer Application, Political Science, Fashion Designing, Tour & Travel Management), B.com, B.com (Professional), B.Sc (Medical & Non-Medical with computer), B.Sc (Bioinformatics), B.Sc (Biotechnology), B.Sc (Fashion Technology), B.Sc (M.C.M), BBA, BCA, PGDCA, Post Graduate Diploma In Dress Designing & Tailoring, M.com, M.Sc (IT), M.Sc (IT) (LE), M.Sc (Chemistry), M.Sc (Pharmaceutical Chemistry), M.Sc (Fashion Technology), M.Sc (Biotechnology), M.Sc (Math) course & Spoken English (add on course).


Dean, College Development Council

Appendix – IV


ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
ਦਫ਼ਤਰ ਫੀਨ ਕਾਲਜ ਵਿਕਾਸ ਕੌਂਸਲ

ਨੰ. 3683.....
ਮਿਤੀ 4.6.2014

TO WHOM IT MAY CONCERN

Certified that Multani Mal Modi College,
Patiala covered under Section 2(f) & 12(b) of
the UGC Act 1956, is affiliated to Punjab
University, Patiala.


R. S. Ghuman
Dean, College Development Council
Dean,
College Development Council
Punjab University Patiala

Phone/Fax : 0175-2283009(O) E.P.A.R.X. : 2282461-65 Esm. 6550(O)



Appendix – IV

Phone: 0175-2214108
0175-2212049
Fax: 0175-2305853
E-mail: principal@modicollege.com
Website: http://modicollege.com


MULTANI MAL MODI COLLEGE
PATIALA- 147001

Ref. No. 713/mnc:2014 Dated 1-8-2014

The Secretary,
University Grants Commission,
Bahadur Shah Zafar Marg,
New Delhi.

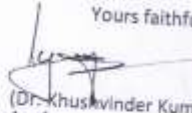
Subject: Issue of Duplicate Certificate stating that the college is falling under 2(f) and 12(b) of UGC Act.

Sir,

Please find enclosed an affidavit duly attested by Executive Magistrate along with copy of the F.I.R.No.2 lodged with PS Division No.2 stating that due to flooding of the college premises on 11th July,1993 the college records were damaged.

You are kindly requested to issue the duplicate certificate stating that college is falling under 2(f) and 12(b) as per UGC act of 1956 with the dates of falling in 2(f) and 12(b) as per UGC act.

Thanking you,




Yours faithfully,

(Dr. Khushvinder Kumar)
Principal
Multani Mal Modi College
PATIALA (Pb.)

Enclosure:

1. Affidavit from the Principal duly attested by Executive Magistrate
2. Copy of the F.I.R.


Appendix – IV

AFFIDAVIT






I Dr. Khushvinder Kumar the Principal, Multani Mal Modi College, Patiala hereby affirm an oath that Patiala City was submerged during flood on 11th July, 1993, and flood water entered in the college campus. During flood there was 3' water in the college. Maximum number of office record was damaged due to flood water. F.I.R. was also lodged with P.S. Division No.2 (photocopy of the F.I.R. is enclosed herewith) on 30th July, 1993.


This statement is made this day 5th of July two thousand and fourteen.


 (Dr. Khushvinder Kumar)
 PRINCIPAL
 MULTANI MAL MODI COLLEGE
 Principal
 Multani Mal Modi College
 PATIALA (Pb.)

Witness



(Name with complete address)


 Verification
 Executive Magistrate
 1st Class Magistrate
 PATIALA



Appendix – IV

02-PTA

2020-21

DSTI-PTA

• D.O.R 6 Oct 30⁷ 2020 P.S. Dir No 2 PTA

ਸ੍ਰੀ ਡੀ ਮੀ ਪੀਮਾ
ਪ੍ਰਿੰਸੀਪਲ ਮੁਤਾਮੀ
ਮਲ ਮਾਡੀ ਕਾਲਜ

ਪਿਤਾ

2020 9.30 A.M. 20

ਮੈਂ ਪ੍ਰਿੰਸੀਪਲ ਮੁਤਾਮੀ

ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

ਮੁਤਾਮੀ ਪਾਸ 11.2 ਦੇ ਮੁਤਾਮੀ

Attest

Principal
Multani Mal Modi College
PATIALA (Pb.)



Appendix – V

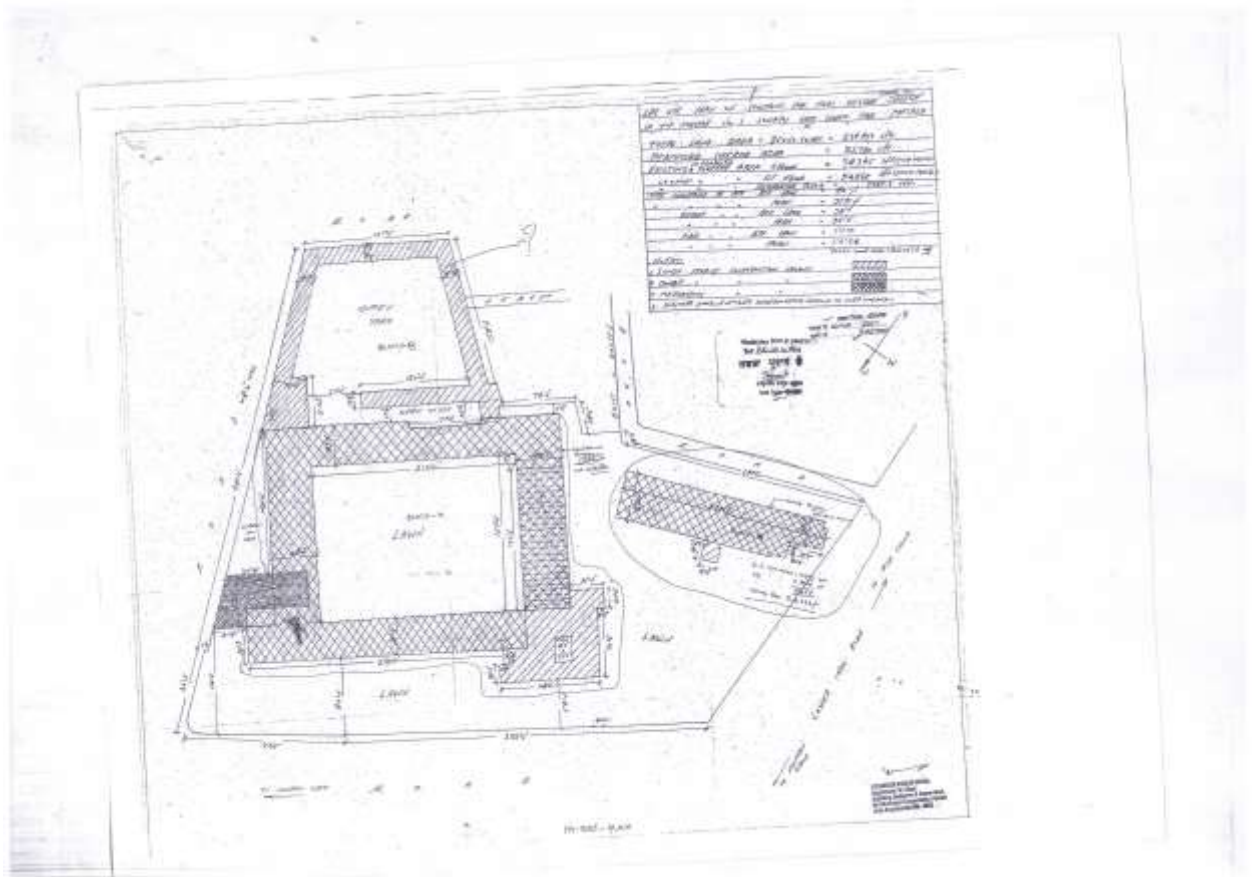
MODI EDUCATION SOCIETY, PATIALA
LIST OF THE MEMBERS OF THE MANAGING
COMMITTEE

S.No.	Name	Capacity	Address	Occupation
1.	Seth Sudarshan Kumar Modi	Chairman	Modi Bhawan, Patiala	Industrialist
2.	Sh. Tarun Kumar Modi	Vice Chairman	Modi Bhawan, Patiala	Industrialist
3.	Prof. Tejinder Kaur	Member, Punjabi University Representative	Dept. of Distance Education, Punjabi University, Patiala	Service
4.	Dr. Navjot Kaur	Member, Punjabi University Representative	School of Management Studies, Punjabi University, Patiala	Service
5.	Sh. Krishan Kumar Modi	Member	Modi Bhawan, Modi Nagar	Industrialist
6.	Sh. Suresh Kumar Modi	Member	Modi Bhawan, Patiala	Industrialist
7.	Mrs. Rani Modi	Lady Member	Modi Bhawan, Patiala	
8.	Col. Karaminder Singh	Member	Krishan Bhawan, Patiala	Social Worker, Land Lord
9.	Sh. Ashok Vashishta	Member (Co-opted)	Representative of Rai Bahadur Multani Mal Modi Charitable Trust of the Managing Committee.	Service
10.	Dr. Khushvinder Kumar	Member	Principal, M.M. Modi College, Patiala	Service

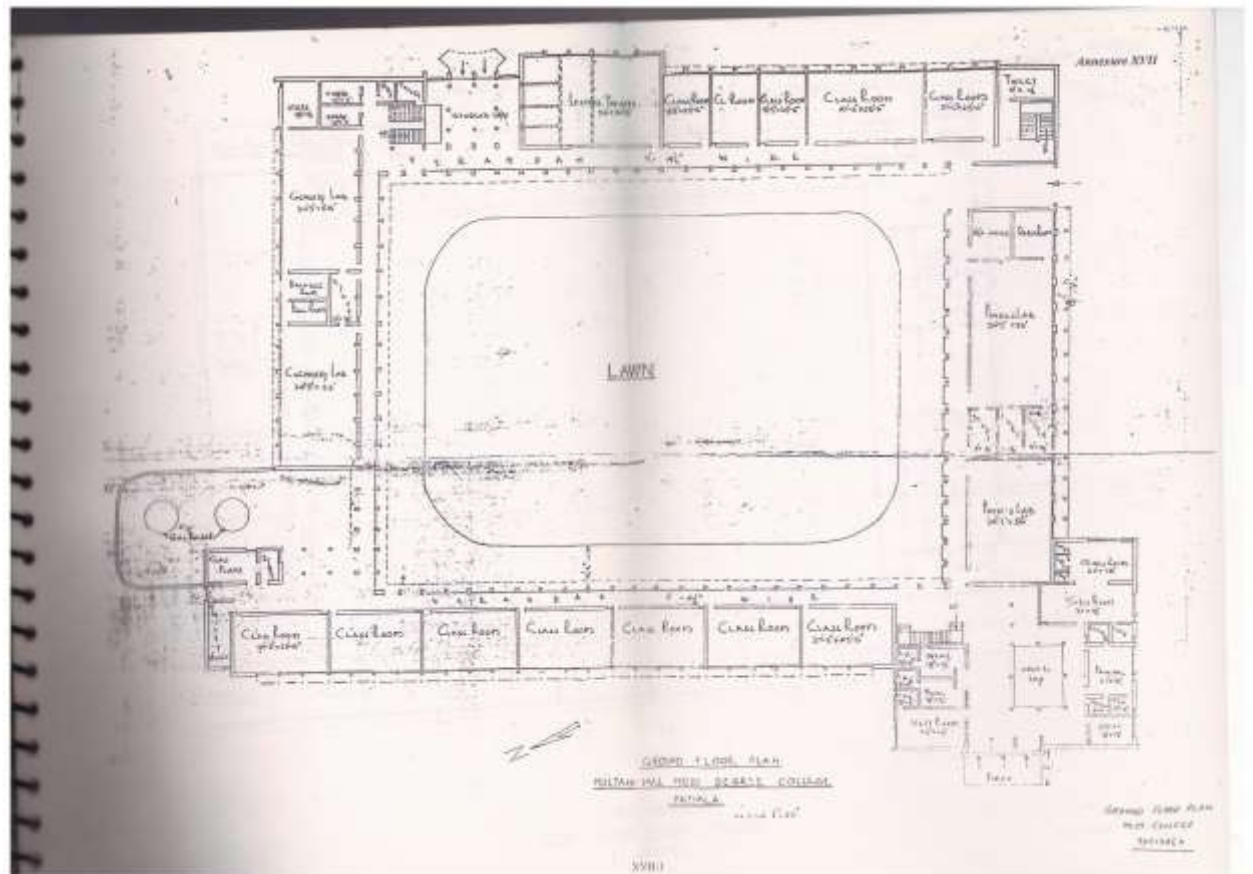
Chairman
Managing Committee



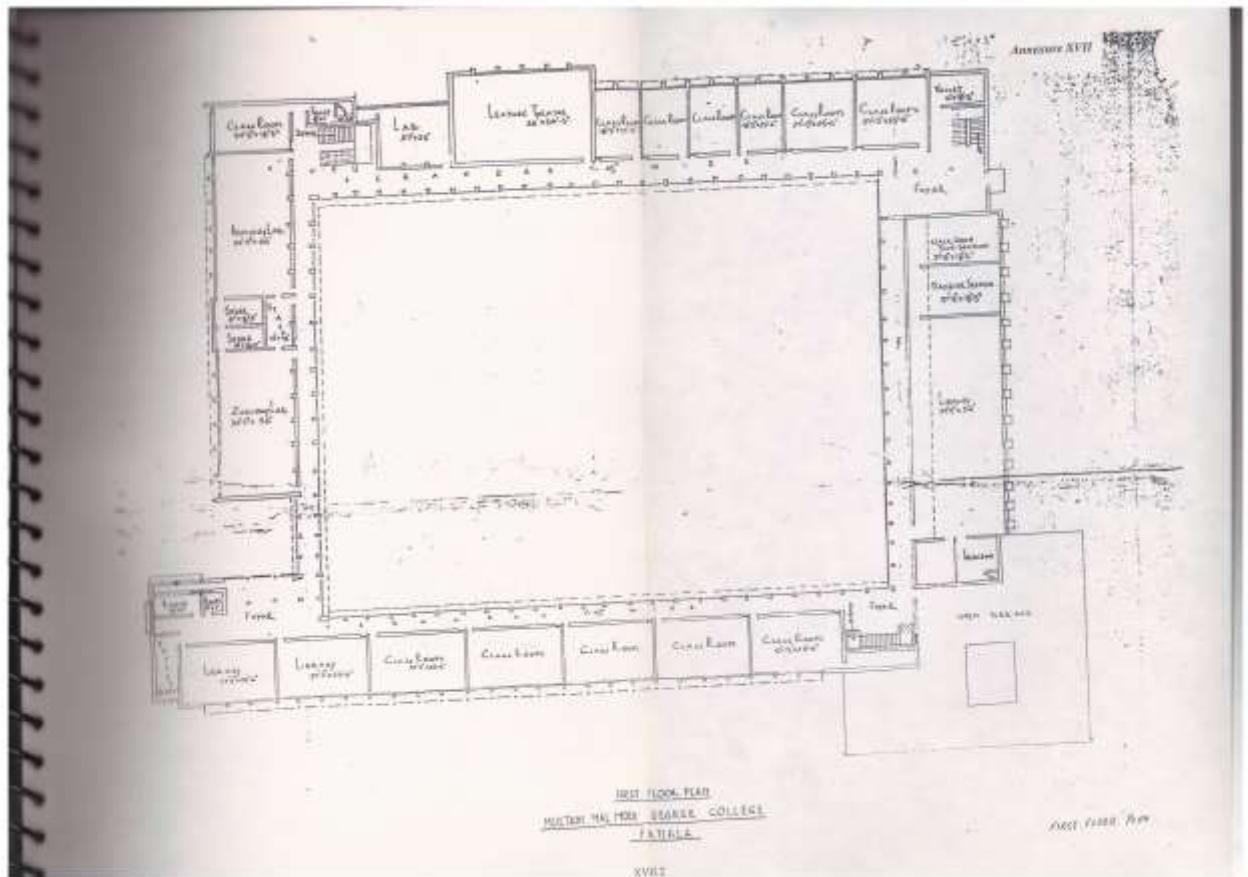
Appendix – VI



Appendix – VI



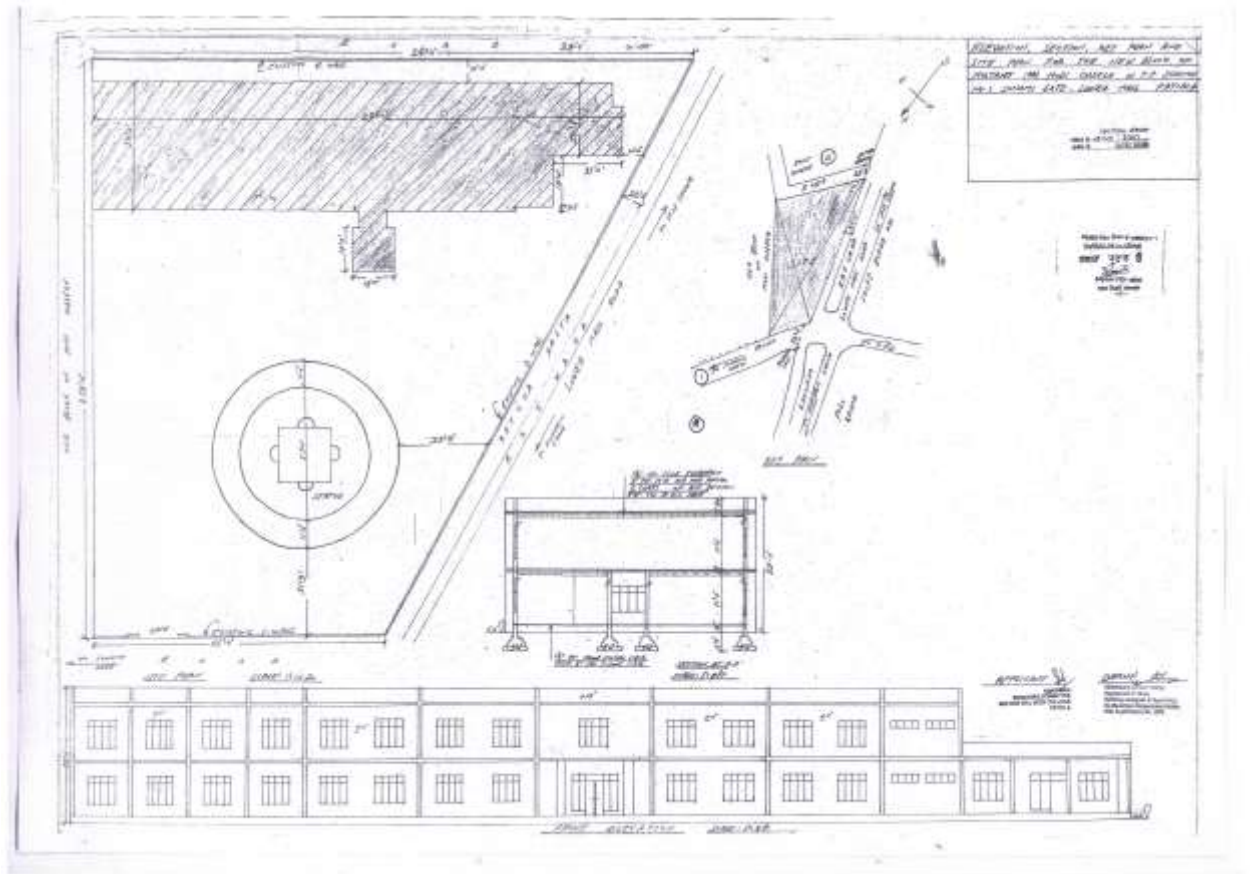
Appendix – VI



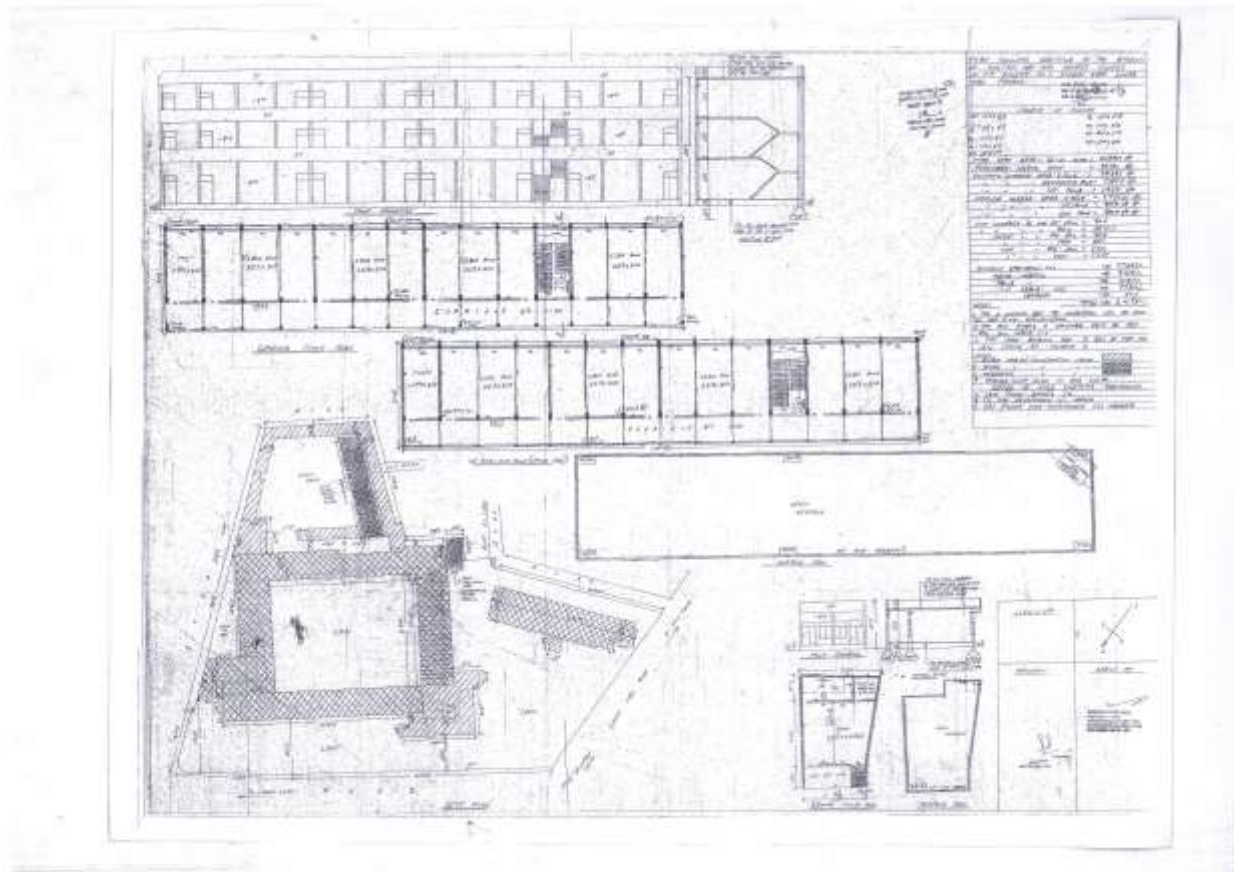
Appendix - VI



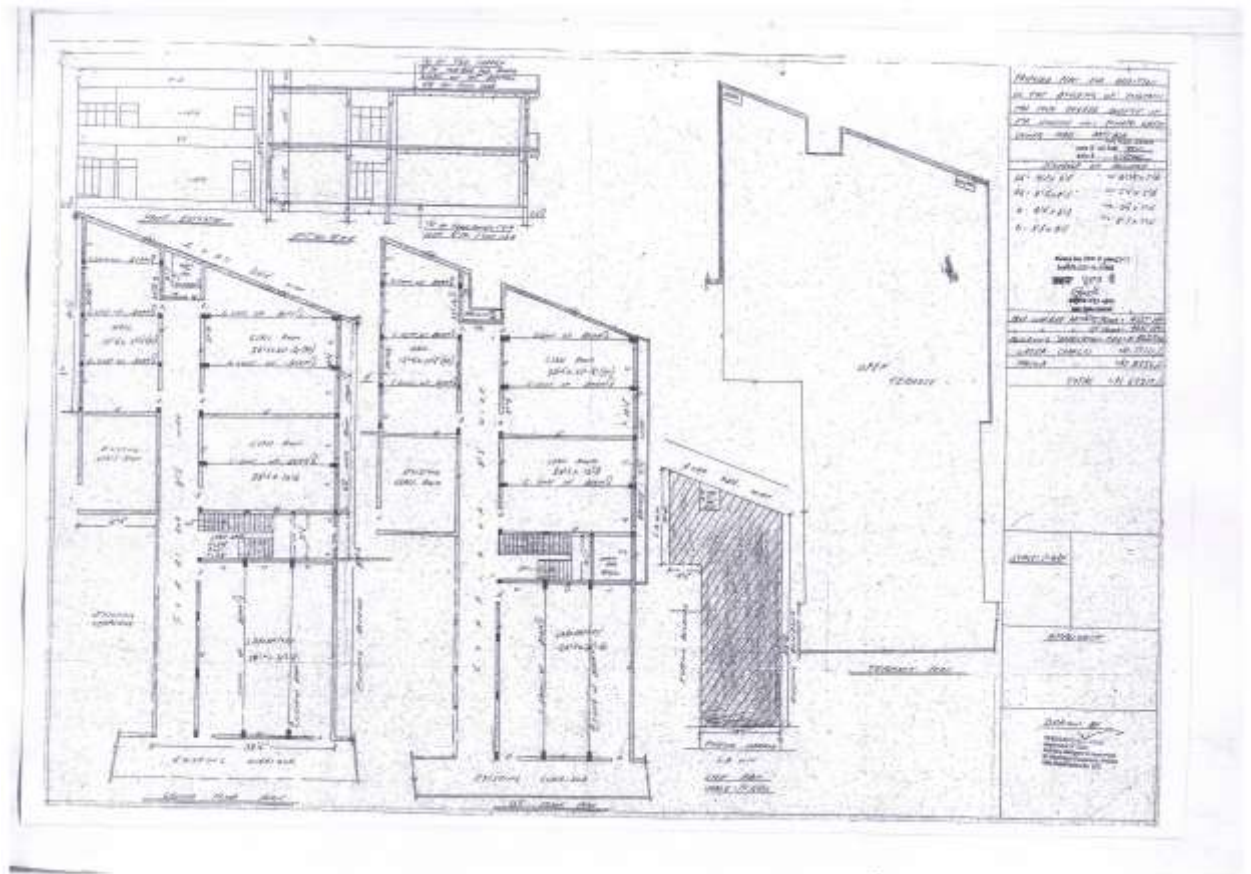
Appendix – VI



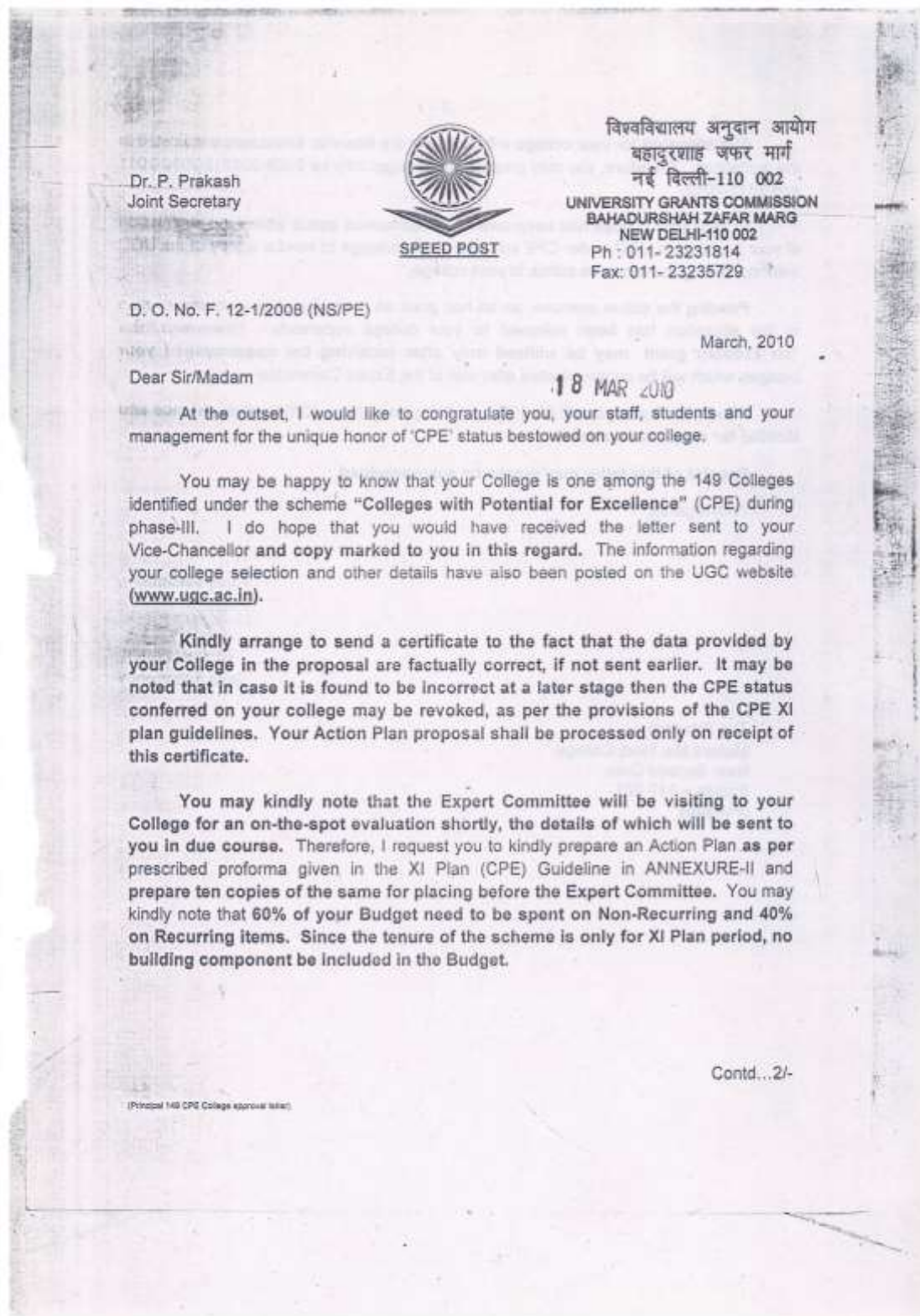
Appendix – VI



Appendix – VI



Appendix – VII



Appendix – VII

- 2 -

The allocation for your college will be as per the financial assistance indicated in the guidelines. Therefore, you may prepare your budget only for 2009-2010, 2010-2011 and 2011-2012.

In case your college has been awarded Autonomous status after the submission of your proposal to UGC under CPE scheme, kindly arrange to send a copy of the UGC letter conferring Autonomous status to your college.

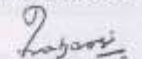
Pending the above exercise, an ad-hoc grant on the basis of proportionate ratio of the allocation has been released to your college separately. However, the "on account" grant may be utilized only after receiving the approval of your budget, which will be communicated after visit of the Expert Committee.

Kindly indicate your E-Mail ID and Telephone Nos. (Office, Residence and Mobile) for easy communication

Receipt of this letter may please be acknowledged.

With regards,

Yours sincerely,


(P. Prakash)
Joint Secretary

✓
The Principal
Multani Mal Modi College,
Near Sunami Gate,
Patiala – 147 001,
(Punjab)

Appendix – VIII

MULTANI MAL MODI COLLEGE, PATIALA (STATEMENT OF 95% GRANT) RECEIPT & PAYMENT A/C FOR THE PERIOD FROM: 01.04.2011 TO 31.03.2012			
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
To Opening Balance - With SBOP C/A (56004800095)	2,663,954.31	By Salaries & Allowances - Teaching Staff Salary & Allow. against the post as on 1.11.77/ 1.11.81 addl. Post of Lect. In Pbi	20,965,542.00
To Grant in Aid - From DPI (C) Pb.CHD. 95% Deficit Grant		By Salaries & Allowances - NON Teaching staff - Salary & Allow. against the post as on 1.11.77/1.11.81	11,893,792.00
For the period Sept 10 to Nov 10	10,139,002.00	By Contribution to Provident Fund	
For the period Dec 10 to Feb 11	8,129,961.00	- Teaching Staff Employer share's for 2011-12	1,214,106.00
For the period March 11- May 11	6,903,416.00	- Non Teaching staff Employers share for year 2011-12	609,015.00
For the period June 11 to aug 11	6,903,416.00		1,823,121.00
	32,075,795.00	By Refund of Grant	
To Fees & Fines		- On A/c of Leave without pay for the year 2011-12 deposited in Govt. Treasury vide challan no. 11 on 19.3.2012	51,735.00
Admission fees / Re-admission	95,270.00		
Late admission fees	43,600.00	By PF Loan Teaching & Non Teaching Staff (Non-Refundable)	19,400.00
Tuition fees	787,725.00		
Faculty subject change	1,440.00		
Absent fines/All types of fine	42,691.00		
Late fees payment fine	2,865.00		
Library fine	110.00		
	973,701.00		
To Amount received from management account as 5% Mgt. share & 2 % notional income for the year 2011-12	1,678,594.00		



Appendix – VIII

To Staff Provident Fund (S.B.O.P) (loan) (Non-Refundable)	19,400.00	By Staff provident fund	4958418.00
To Recovery Against Salary Of Teaching Staff Of Pro. Rajeev Sharma & Mrs. Neena Sharma as Excess Payment made during the Year 2010-2011 recovered 2011.12	11,339.00	By Closing Balance Balance with S.B.O.P. CIA (55004800005)	2,869,203.81
To Staff provident fund	4958418.00		
	42,381,199.81	Total Rs.	42,381,199.81

We hereby certify that the above statement is true & correct to the best of our knowledge & belief

 (CHAIRMAN)
  (VICE CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

AUDITOR'S CERTIFICATE

We have examined the above statement (RECEIPT & PAYMENT A/C. of STATEMENT OF 95% GRANT) of Multani Mal Modi College, Patiala for the year ended 31st March 2012 from the books & vouchers & relevant records produced to us for our verification & in our opinion the same to be correct to the best of our information & explanations given to us & as shown by the books of college.

DATED: 03/01/2013

FOR SUBASH GUPTA & CO.
CHARTERED ACCOUNTANTS

 (VINOD JAIN)

Appendix - VIII

SULTAN MAL MODI COLLEGE, PATIALA STATEMENT OF WORK ACCOUNT RECEIPTS & PAYMENTS A/C FOR THE PERIOD FROM 1.1.2011 TO 31.12.2012			
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
To Opening Balances		By Salaries & Allowances	
- Cash in hand	8,931.48	- Teaching Staff	3,219,425.00
- Fixed Deposit with Allahabad Bank		- Non Teaching Staff	1,651,677.00
in respect of Seth Chitangji Lal	30,106.00	- Medical Officer (Including Medical Expense)	72,000.00
- Postage Imprest	50.00	- Spl Pay / Sumpuany Allowances to Principal	36,000.00
- Endowment Fund with Punjab Uni	199,000.00	- Security Guard/Other Staff	77,733.00
- S/A with Allahabad Bank in respect of		- Cycle Stand (Salary to custodian)	90,020.00
Seth Chitangji Lal Navyug Bhatnaya	22,950.01		5,147,035.00
- FDR with SBOP	3,000,000.00	By Contribution to Provident Fund	
- S/A with SBOP (A/c No.55004801215)	8,501,738.39	- Teaching staff	6,300.00
- S/A Superannuation - Gratuity Fund	4,720,878.97	- Non Teaching staff	78,171.00
(A/c No.55004801146)			84,671.00
	17,483,855.83	By contribution to E.S.I (employer share only)	
To Interest		- Teaching staff	75,244.00
- FDR with SBOP (against income tax deducted	12,891.00	- N.T. staff	7,743.00
and refund)		- Medical Officer	3,420.00
- Saving A/C Allahabad/ SBOP	757,257.00	- Cycle Stand custodian	4,284.00
- Endowment Fund Punjab University	10,518.00		90,691.00
	780,666.00	By Contingent Expenses	
To Sale Of Prospectus		- Chemistry	3,103.15
	856,400.00	- Physics	2,804.00
To Other Receipts			5,907.15
- Caravan Rent	90,000.00	By Office Expenses & Contingences	
- Sale of Application Forms for Lect.Appointments	24,250.00	- Printing & Stationary	15,492.00
	114,250.00	- Electricity Charges	480,800.00
To Fees		- Traveling Allowance & Conveyance	44,930.00
- Chemistry	75,900.00	- Telephone Expenses	50,584.00
- Physics	137,400.00	- Postage	10,949.00
- Biology	36,000.00	- Misc exp	7,529.00
- Geography	55,200.00		610,460.00
- Music	15,300.00	By Other Expenses	
- Commerce	343,500.00	- Staff Welfare Expenses	2,023.00
- Computer	1,280,100.00	- Audit Fee	4,700.00
- Physical Education	158,700.00	- Water & Sewerage Exp	4,638.00
- Psychology	31,500.00	- Diesel For Generator	90,000.00
- Defence Study	116,400.00	- House Examination	3,850.00
- Fashion & Designing	148,800.00	- Advertising	30,000.00
	2,401,800.00	- Lease Money (125-50)	75.00
To Other Fees		- Printing of Prospectus	71,213.00
Magdine	168,250.00	- Refund of Fees from Students Aid Fund A/C	52,879.00
Medical	168,250.00		259,274.00
House Examination	604,750.00	By refund of fees to student on a/c of cancellation / struck	
Student Aid Fund	168,250.00	as per their own discretion for the year 2011-12	323,028.00
Conspendence Fee	252,375.00		



Appendix – VIII

Building	94,350.00	By AS 5% Management share and 2% National Income for year 2011-12	1,675,594.00
Identity Card	510,300.00	By Botanical Garden Exp.	4,429.00
Cycle Fees	222,190.00	By Staff Gratuity Paid from management a/c	8,025,338.00
College Security	336,500.00	By Staff Leave Encashment paid A/C	1,510,582.00
Electricity & Water Charges	504,750.00	By Repair & Replacement	
Maintenance Electricity & Water supply	201,600.00	- Botany Lab equipment - Building Repair	201,730.00
Furniture Upkeep	252,375.00	- Music Instrument Repair	450.00
Education Tour	352,375.00	- Building Repair	43,028.00
Canteen Upkeep	18,670.00	- Computer Repair	1,200.00
Other Publication (Advertisement)	140,025.00	- Generator Repair	8,186.00
Higher Education	336,500.00	- Electric Appliances Repair/ Other Repairs	64,761.00
PCPEDF	403,600.00	- Furniture Repair	2,500.00
Diploma Fund	18,670.00		318,943.00
Security Arrangement	1,975,800.00	By NCC Fees	18,670.00
NCC Fees	336,500.00	By University Dues Paid:	
Establishment Fees	85,600.00	- Registration Fees	310,800.00
Placement Cell Fees	84,125.00	- Registration Fees	100,705.00
Exam Furniture	967,900.00	- Youth Welfare fees	40,775.00
Campus Maintenance	578.00	- Sports Fees	9,120.00
Science Brokerage	967,600.00	- Migration Fees	495,200.00
Student Development Fund	1,020,600.00	- Eligibility Verification Fees	142,290.00
Generator Charges		- Regd Continuation Fees	73,240.00
To University Charges	466,895.00	- University Punjabi language Development Fund	56,930.00
- Registration/continuation Charges	102,685.00	- Punjabi Univ. College Student Dev. Fund	242,800.00
- University Youth welfare fee	46,675.00	- Late Admission Fees	5,000.00
- P.b. State Sports Council Fee	510,290.00	- Late Registration Fees	20,000.00
- Migration Fee	3,187,470.00	- Univ & College Continuation Affiliation Fees 2011-12	100,705.00
- University Exam. Fee / Late Admission Fees	102,685.00	- Holiday Home Fee	2,937,550.00
- Holiday Items	112,020.00	- University Annual Examination Fee 2011-12	186,750.00
- University College Development Fund	196,700.00		4,597,815.00
- Hostel Fee	112,020.00		
- Punjabi language development fund			
To Consolidated Fees on A/c of Add on Courses English spoken & communication skill			
To Building Rent from ICWA PATIALA CHAPTER			
To Misc.			
To Staff Superannuation / Gratuity Fund A/c			
To Annual Grant Mod Education Society For the Year 2010-2011			
To Gratuity Fund Received From SFC A/C			



Appendix – VIII

To Contingency Fees	1,061.00	By PF Loan Non-Ref. Teach. N.T. Staff	80,000.00
- Chemistry	329.00	By Government State merit SC/BC Scholarship	11,427.00
- Physics	178.00		5,784.00
- Botany	140.00	By TDS deducted on Int On FDR	15,000.00
- Geography	249.00		
- Zoology			
To Government State merit SC/BC Scholarship		11,427.00	By College Security Refund
To Special House Examination Fees		172,000.00	By Closing Balances
To 10th Exam Fees Against Add. Off. Centre in Spoken English & Communication Skill		8740.00	- Cash in hand
English & Communication Skill			50.00
To Staff Leave Encashment (Excess Pay received recovered from Ms. Satish kaur) Asst. professor in English	69258.00		- Postage Imprest
To SBOP Provident Fund A/C Against Provident Fund Loan (Teaching and Non Teaching)	80,000.00		199,000.00
			- Endowment Fund with Punjab Uni.
			- Fixed Deposit with Allahabad Bank
			in respect of Seth Chiranj Lal Navyug Bastriya
			- SIA with Allahabad Bank in respect of
			Seth Chiranj Lal Navyug Bastriya
			- SIA with SBOP
			(A/c No. 55004801215)
			- FDR with SBOP
			- SIA Superannuation - Gratuity
			(A/c No. 55004801146)
			8,611,537.97
			25,476,765.68
Total Rs.	48,581,471.83	Total Rs.	48,581,471.83

We hereby certify that the above statement is true & correct to the best of our knowledge & belief.

 (CHAIRMAN)
  (VICE CHAIRMAN)
  (PRINCIPAL)
  (BORSAR)
  (MEMBER)
  (MEMBER)

AUDITOR'S SIGNATURE

We have examined the above statement (Main Accounts) of Multani Mal Modi College, Patiala for the year ended 31st March 2012 from the books & vouchers & relevant records produced to us for our verification & in our opinion the same to be correct to the best of our information & explanations given to us & as shown by the books of college.

PLACE PATIALA
DATED: 03-01-2013

FOR SUBASH GUPTA & CO.
CHARTERED ACCOUNTANTS
(VINOD JAIN)





Appendix - VIII

MULTANI MAL MODI COLLEGE, PATIALA STATEMENT OF SETH H. R. MODI CENTRE OF COMPUTER SCIENCE & BUSINESS MANAGEMENT RECEIPT & PAYMENT A/C FOR THE PERIOD FROM 1.4.2011 TO 31.3.2012				
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT	
To Opening Balances		By Salaries & Allowances		
- Cash in Hand	17,178.71	- Teaching Staff	11,456,827.00	
- SBOP-SIA 55004801600	45,878,037.85	- Non Teaching Staff	1,369,291.00	
	45,895,216.57	- Security Guards & Other Staff	276,477.00	
To Miscellaneous Receipts		- Honorarium paid to staff Against Summer courses	34,660.00	
- Sale of Prospectus	480,000.00	- Honorarium paid to staff against ICWA Classes	66,100.00	13,263,445.00
To Interest on SIA - 55004801600	2,015,428.00	By Contribution to Provident Fund		
To Consolidate Fee Against Summer Courses	83,000.00	- Teaching Staff	380,465.00	
To Consolidate Fee for Computer training to the students from ICWA Chapter, Patiala.	252,000.00	- Non Teaching Staff	20,078.00	400,533.00
To Annual College Dues		By E.S.I. employer contribution account		
- Annual Fees	26,212,000.00	- Non Teaching Staff	47,236.00	
To Other Fees		- Teaching Staff	112,492.00	159,728.00
- Generator	758,000.00	By Office Expenses & Contingencies		
- Placement cell	73,600.00	- Telephone Expenses/Broad Band	45,938.00	
- College Security	540,000.00	- Electricity Expenses	246,000.00	
- Absent fine	7,448.00	- Stationery	50,854.00	
- Library Fine	1,790.00	- Advertisement	231,174.00	574,957.00
- Cycle / Scooter Fee	325,200.00	By Other Expenses		
- NCC Fee	10,930.00	- Misc. Expenses	10,614.00	
- House Exam Fee	63,750.00	- Audit Fees	1,000.00	
	1,781,488.00	- TA & Conveyance	7,000.00	
To University Charges		- Computer accessories	70.00	
- University Pst.Language development fund	65,580.00	- Garden Expenses	10,000.00	
- Registration/Continuation Fee	232,885.00	- Identity Card	49500.00	
- Youth Welfare	60,115.00	- Educational Tour	10,160.00	
- State Sports Fees	27,325.00	- Genset Exp. (Diesel for Generator)	50,000.00	
- Holiday Home Fees	60,115.00	- Printing of Prospectus	57,382.00	
- Higher Education	10,930.00	- Legal Charges	15,995.00	
		- House Examination	15,246.00	
		- College security	256,000.00	482,977.00



Appendix – VIII

By Amount transferred to Main A/C for E.S.J Fund A/C	124,123.00
By Amalgamated Fund transferred to Boys Fund A/c For the year 2011-12	855,200.00
By Punjab State Higher Education Development Fund (2011-12)	10,920.00
By Punjab College Physical Education Development Fund (2011-12)	73,710.00
By Contl. Affiliation Fees MSC Chem.& MSC LT Classes	200,000.00
By Chem.Contingency A/c	247,064.96
By Gratuity Fund Amount Transfer To Gratuity Fund A/C Main A/C	3,693,600.00
By Chem. Lab Equipment Repair	2,844.00
By Bio-Technology/Informatics Lab Contingencies	295,805.00
By Expenses against on Fashion & Design Lab Exhibition	11,447.00
By Building	12,500.00
By Water Tank A/c	9,600.00
By Software for Computer	
BY Tubewell/Sumbersibai Pump New A/C	51,546.00
By Repair & Replacements:	
- Computer	4,450.00
- Water Cooler	8,140.00
- Generator Repair	111,863.00
- Water Tank Repair Tubewell	22,948.00
- Lab Equipment	3,309.00
- Electric Repair /Other's Repair	172,004.00
- Furniture Repair	2,200.00
- Building Repair	65,602.00
	390,516.00



3

Appendix – VIII

		By Exp. Against placement cell	4,820.00
		By Closing Balances	
		-Cash in Hand	2,857.71
		-SBOP-Saving A/C NO.55004901890	57,605,789.05
			57,608,646.76
Total (Rs.)	83,967,084.07	Total (Rs.)	83,967,084.07

We hereby certify that the above statement is true & correct to the best of our knowledge & belief.

 (CHAIRMAN)
  (VICE-CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

**SI M. Modi College
PATIALA**

AUDITOR'S CERTIFICATE
 COMPARED & COMPILED FROM THE BOOKS OF ACCOUNTS PRODUCED BEFORE US

PLACE : PATIALA
 DATED : 03-01-2013

FOR SUBASH GUPTA & CO.
 CHARTERED ACCOUNTANTS

 (VINOD JAIN)



Appendix – VIII

MULTANI MAL MODI COLLEGE, PATIALA BALANCE SHEET OF EMPLOYEE'S PROVIDENT FUND A/c AS ON 31.03.2012			
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
Members Subscription		Fixed Deposits & RD with SBOP in the account of Employee's P.F. A/c	47,675,400.00
Balance as on 1.4.2011	11,436,002.17	Balance of Employees in Saving A/c with SBOP	1,692,860.00
Additions during the year	2,371,336.00		
	13,807,338.17		
Less: Payments during the year	934,658.39		
	12,872,679.78		
Interest Due to Members on Employee's Share			
Balance as on 1.4.2011	9,036,421.90		
Additions during the year	2,708,750.00		
	11,745,171.90		
Less payments during the year	1,429,924.73		
	10,315,247.17		
Employer's Contribution			
Balance as on 1.4.2011	14,448,358.62		
Additions during the year	2,371,336.00		
	16,819,694.62		
Less: Payments during the year	1,262,673.14		
	15,557,021.48		
Interest Due to Members on Employer's Share			
Balance as on 1.4.2011	9,147,774.89		
Additions during the year	2,708,750.00		
	11,856,524.89		
Less payments during the year	1,429,924.74		
	10,426,600.15		
CDS/ADA Amount of Members			
Balance as on 1.4.2011	15,107.42		
Less payments during the year	634.00		
	14,473.42		



Appendix – VIII

Teachers Provident Fund A/c			
Balance as on 1.4.2011	166,751.00		
Additions during the year		182,239.00	
Add: Interest credited during the year	16,488.00		
		48,248,260.00	48,248,260.00

We hereby certify that the above statement is true & correct to the best of our knowledge & belief.

 (CHAIRMAN)
  (VICE CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

AUDITOR'S CERTIFICATE

We have examined the above statement (Employee's Provident Fund) of Multani Mal Modi College, Patiala for the year ended 31st March 2012 from the books & vouchers & relevant records produced to us for our verification & in our opinion the same to be correct to the best of our information & explanations given to us & as shown by the books of college.

PLACE: PATIALA
DATED: 03-01-2013

FOR SUBASH GUPTA & CO.
CHARTERED ACCOUNTANTS

 (VINOD JAIN)

Page 2 of 2









Appendix – VIII

MULTANI MAL MODI COLLEGE, PATIALA
STATEMENT OF 95% GRANT
RECEIPT & PAYMENT A/C FOR THE PERIOD FROM 01.04.2012 TO 31.03.2013

RECEIPTS		AMOUNT	PAYMENTS		AMOUNT
To Opening Balance With SBOP C/A (55004800095)		2,888,263.81	By Salaries & Allowances - Teaching Staff Salary & Allow. against the post as on 1.11.77/ 1.11.81 addt. Post of Lect. In Pbi		22,337,887.00
To Grant in Aid - From DPI (C) Pb.CHD. 95% Deficit Grant Grant For The Period - SEP 2011, FEB 2012 - Mar 2012, NOV 2013 - From DPI (C) Pb.CHD. against Interim Relief & revised Med. of Non Teaching staff 1.11.86-28.2.10 during	17,273,110.00 22,940,995.00 813,362.00	41027457.00	By Salaries & Allowances - NON Teaching staff - Salary & Allow. against the post as on 1.11.77/ 1.11.81		11,283,388.00
To Grant Received from D.P.I. (C) Pb. Chd under 95% Deficit A/c Balance Amount For The YEAR 2008-09 & 2009-10		9,598,546.00	By Contribution to Provident Fund - Teaching Staff Employer share's For the year 2012-13 - Non Teaching staff Employers Share for the year 2012-13	1,189,347.00 581,862.00	1,770,809.00
To Fees & Fines Admission fees & Re-admission Late admission fees Tuition fees Faculty subject change Absent fine/All types of fine Late fees payment fine Library fine	101,250.00 32,800.00 848,025.00 1,310.00 52,091.00 3,350.00 100.00	1,038,331.00	By Refund of Grant - On A/c of Leave without pay for the year 2012-13 deposited in Govt. Treasury (white challan no. 18 dated 13-03-2013)		29,325.00
To Amount received from management account as 5% Mgt. share & 2 % notional income for the year 2012-13		2,970,823.00	By PF Loan Teaching & Non Teaching Staff (Non-Refundable)		230,000.00
To PF Loan Teaching & Non Teaching Staff (Non-Refundable)		230,000.00	By Staff provident fund		3870615.00
To Staff provident fund		3,870,615.00	By Closing Balance - Balance with S.B.O.P. C/A (55004800095)		22,122,971.81
Total Rs.		61,604,775.81	Total Rs.		61,604,775.81


We hereby certify that the above statement is true & correct to the best of our knowledge & belief.

 (CHAIRMAN)
  (VICE CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

WITNESSES CERTIFICATE

We have examined the above statement (RECEIPT & PAYMENT A/C or STATEMENT OF 95% GRANT) of Multani Mal Modi College, Patiala for the year ended 31st March 2013 from the books & vouchers & relevant records produced to us for our verification & in our opinion the same to be correct to the best of our information & explanations given to us & as shown by the books of college.

PLACE : PATIALA
DATED : 13-12-2013

FOR SUBASH SUTRA & CO.
CHARTERED ACCOUNTANTS

Mehar Singh, 20, 202/03
Firm Registration No-0917554

Appendix – VIII

MULTANI MAL MODI COLLEGE PATIALA STATEMENT OF MAIN ACCOUNT RECEIPT & PAYMENT A/C FOR THE PERIOD FROM 14.12.2012 TO 31.12.2013				
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT	
To Opening Balances		By Salaries & Allowances		
- Cash in hand	26,021.45	- Teaching Staff	3,455,895.00	
- Fixed Deposit with Allahabad Bank	30,106.00	- Non Teaching Staff	1,799,325.00	
- in respect of Seth Chiranj Lal		- Medical Officer (Including Medical Expense)	72,000.00	
- Postage Imprest	50.00	- Spl Pay / Sumptuary Allowances to Principal	63,000.00	
- Endowment Fund with Punjabi Uni	199,000.00	- Security Guard/Other Staff	94,645.00	
- S/A with Allahabad Bank in respect of	22,950.01	- Cycle Stand (Salary to custodian)	90,000.00	5,584,866.00
Seth Chiranj Lal Navyug Bastiwal				
- FDR with SBOP	3,000,000.00	By Contribution to Provident Fund		
S/A with SBOP (A/c No.55004801215)	15,587,100.24	- Teaching staff	12,911.00	
- S/A Superannuation - Gratuity	6,811,537.97	- Non Teaching staff	82,898.00	95,809.00
(A/c No.55004801146)				
	25,476,765.68	By contribution to E.S.I (employer share only)		
To Interest		- Teaching staff	69,909.00	
- FDR with SBOP (against income tax deducted		- N.T. staff	9,162.00	
and refunded)	28,025.00	- Medical Officer	3,420.00	
- Saving A/c Allahabad/ SBOP	971,741.00	- Cycle Stand custodian	4,284.00	86,775.00
- Endowment Fund	5,056.00			
	1,004,822.00	By Contingency A/c		
To Sale Of Prospectus	615,000.00	- Chemistry		
To Other Receipts		- Physics	2638.00	
- Canteen Rent	95,000.00	- Geography	4,761.00	
- Sale of scrap	26,423.00	- Zoology	1,500.00	
- Sale of Application Forms for		- Botany	250.00	9,149.00
Lect.Appointments	27,000.00			
	148,423.00	By Office Expenses & Contingences		
To Fees		- Printing & Stationary	1,477.00	
- Chemistry	144,600.00	- Electricity Charges	410,720.00	
- Physics	200,700.00	- Travelling Allowance & Convoynace	44,217.00	
- Biology	63,300.00	- Telephone Expenses	55,960.00	
- Geography	66,900.00	- Misc exp	22,142.00	534,516.00
- Music	10,000.00			
- Commerce	331,200.00	By Other Expenses		
- Computer	1,248,000.00	- Staff Welfare Expenses	3,177.00	
- Physical Education	172,500.00	- Audit Fee	7,200.00	
		- Identity Card	28,600.00	



Appendix – VIII

- Psychology	27,600.00		-Water & Sewage Exp	2,280.00	
- Defence Study	110,700.00		-House Examination	18,867.00	
- Fashion & Designing	135,600.00	2,511,900.00	-Lease Money (125-25)	100.00	
To Other Fees			-Magazine A/c	138,275.00	
Magazine	184,200.00		-Annual prize distribution function	17,500.00	
Medical	184,200.00		-Printing of Prospectus	86,868.00	
House Examination	552,600.00		-Refund of Fees from Students AID Fund A/c	39,825.00	343,692.00
Student Aid Fund	184,200.00				
Correspondence Fee	276,300.00		By refund of fees to student on a/c of cancellation / struck as per their own discretion for the year 2012-13		526,669.00
Building	368,400.00				
Identity Card	101,250.00		By AS 5% Management share and 2% Notional Income for the year 2012-13		2,970,623.00
Cycle Fees	556,200.00				
College Security	196,800.00		By Advance Tfd. to 95% Deficit A/c during the year 2012-13		8,000,000.00
Electricity & Water Charges	368,400.00				
Maintenance Electricity & Water supply	552,600.00		By Botanical Garden Exp.		1,525.00
Furniture Upkeep	552,600.00				
Education Tour	221,040.00		By Staff Gratuity Paid from management a/c		4,494,384.00
Canteen Upkeep	276,300.00				
Other Publication (Advertisement)	276,300.00		By Staff Leave Encashment paid A/c		1,797,215.00
Dilapidation Fund	368,400.00				
Security Arrangement	442,080.00		By Repair & Replacement		
NCC Fees	20,010.00		-Building Repair	45,823.00	
Establishment Fees	2,151,000.00		-Electric Appliances Repair/ Other Repairs	5,877.00	51,700.00
Development Charges	368,400.00				
Exam Furniture	92,100.00		By NCC Fees		20,010.00
Placement cell	83,600.00				
Campus Maintenance	1,075,500.00		By University Dues Paid		
Science Breakage	1,510.00		- Registration Fees	350,000.00	
Student Development Fund	1,075,500.00		- Youth Welfare fees	106,510.00	
Genset	1,112,400.00	11,540,890.00	- Sports Fees	48,550.00	
			- Migration Fees	10,440.00	
To University Charges			- Eligibility Verification Fee	528,150.00	
- Registration/ construction Charges	518,970.00		- Regd Continuation Fees	143,775.00	
- University Youth welfare fee	110,055.00		-University Punjabi language Development Fund	77,650.00	
- Pb State Sports Council Fee	50,025.00		-Punjabi Uni. College Student Dev. Fund	50,260.00	
- Migration Fee	593,670.00				
- University Exam. Fee / Late Admission Fees	4,130,180.00				
- Holiday Home	110,055.00				



Appendix – VIII

- University College Development Fund	120,060.00		- Late Admission Fees	358,605.00	
- Higher Education	20,010.00		- Uni & College Continuation Affiliation Fees 2012-13	20,000.00	
- PCPEDF	150,075.00		- Fee Against Reappear Candidate 2012-13	100,850.00	
- Hostel Fee	200,100.00		- Holiday Home Fee	106,810.00	
- Punjabi language development fund	120,060.00	4,123,260.00	- University Annual Examination Fee 2012-13	3,734,350.00	
			- Sports Hostel Fee 2012-13	200,100.00	5,844,980.00
To University Exam Fee Against Reappear Candidates 2012-13	100250.00		By Physics Lab Equipment		183,424.00
To Contingency A/c			By Punjab College Physical Education Development Fund Committee A/c 2012-13		135,068.00
- Chemistry	1,207.00		By Uni. Exam Fees Against Add.Off Course or Spoken English & Communication Skill		4,500.00
- Physics	294.00	2,372.00	By Punjab High Edu. Development Fund 2012-13		29,010.00
- Geography	114.00		By PF Loan Non-Ref. Teach & N.T. Staff		66,000.00
- Zoology	171.00		By Govt Scholarship Merit SC/BC		4,275.00
- Botany	95.00		By Guru Harkrishan Edu Society Scholarship		1,000.00
To Consolidated Fees on A/c of Add on Courses English spoken & communication skill	20,000.00		By Exp Against Punjabi Language Development Fund		13,661.00
To Building Rent from ICWA PATIALA CHAPTER	33,700.00		By College Security Refund		5,400.00
To Misc.	9,632.00		By Closing Balances		
To House Examination Special Test Fees	376,000.00		- Cash in hand	20,353.46	
To Staff Superannuation / Gratuity Fund A/c	7,982,160.00		- Postage Imprest	50.00	
To Uni. Exam Fees Against Add.Off Course or Spoken English & Communication Skill	5100.00		- Endowment Fund with Punjabi Uni.	109,000.00	
To SBOP PIF A/C	68,050.00		- Fixed Deposit with Allahabad Bank in respect of Seth Chiranj Lal Navyug Bastriya	30,106.00	
To Amount rec. against dismantling old building	110,000.00		- S/A with Allahabad Bank in respect of Seth Chiranj Lal Navyug Bastriya	22,950.01	
To Govt Scholarship Merit SC/BC	4,275.00		- Bank Current A/c with SBOP w.e.f 20/11/12 (A/c No. 65154956603)	10,000.00	
To Guru Harkrishan Edu Society Scholarship	1,000.00		- S/A with SBOP	21,574,016.24	
To Advance Tfd. to 35% Deficit A/c	8,090,000.00		(A/c No.55004801215)		



Appendix – VIII

during the year 2012-13		- FDR with SBOP - SIA Superannuation - Gratuity (A/c No.55004801145)	3,000,000.00 8,578,229.97	33,434,705.68
Total Rs.	64,232,349.68	Total Rs.		64,232,349.68

We hereby certify that the above statement is true & correct to the best of our knowledge & belief

 (CHAIRMAN)
  (VICE CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

AUDITOR'S CERTIFICATE

We have examined the above statement (Main Accounts) of Multani Mal Modi College Patiala for the year ended 31st March 2013 from the books & vouchers & relevant records produced to us for our verification & in our opinion the same to be correct to the best of our information & explanations given to us & as shown by the books of college.

PLACE : PATIALA
 DATED : 7.3.12-2013

FOR SUBASH GUPTA & CO.
 CHARTERED ACCOUNTANTS
 PATIALA
 CA VINOD JAIN
 Membership No. 002959
 Firm Registration No. 001798N



Appendix - VIII

STATEMENT OF SETH H. R. MODI CENTRE OF COMPUTER SCIENCE & BUSINESS MANAGEMENT RECEIPT & PAYMENT A/C FOR THE PERIOD FROM 1.4.2012 TO 31.03.2013			
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
To Opening Balances		By Salaries & Allowances	
-Cash in Hand	2,857.71	- Teaching Staff	14,236,894.00
-SBOP-S/A 55004801690	57,605,789.05	- Non Teaching Staff	1,827,824.00
		- Security Guards & Other Staff	307,020.00
To Miscellaneous Receipts		- Honorarium paid to Teaching & Non Teaching staff	
-Sale of Prospectus	516,750.00	Against Summer courses classes	27450.00
To Printing & Stationery (Cheque cancelled)	2,237.00	- Honorarium paid to Teaching & Non Teaching staff against	
To Interest on S/A - 55004801690	2,588,465.00	ICWA Classes training computer classes	102,000.00
To Consolidate Fee Against Summer Courses	35,000.00		16,502,188.00
To Consolidate Fee for Computer training to the students from ICWA Chapter, Patiala.	395,000.00	By Contribution to Provident Fund	
To Amount received On account of E.S.I Fund A/c from Main A/c	118,769.00	- Teaching Staff	372,648.00
To Tender money from architect (Sh. Mukesh Gupta)	7,000.00	- Non Teaching Staff	20,685.00
To Security/ Earnest Money From R.K. Bros Contractor against Construction of new building	180,000.00		393,333.00
To Annual Consolidated College Fees	27,926,150.00	By E.S.I. employer contribution account	
To Other Fees		- Non Teaching Staff	52,453.00
- Generator	802,900.00	- Teaching Staff	129,651.00
- Placement cell	99,600.00		192,114.00
- College Security	531,000.00	By Amount received on account of E.S.I. Fund A/c from Main A/c	
- Absent fine	19,564.00		118,769.00
- Identity Card	400.00	By Office Expenses & Contingencies	
		- Cash counting machine	6,180.00
		- Electricity Expenses	556,170.00
		- Stationery	110,802.00
			673,152.00
		By Other Expenses	
		- Telephone Expenses	4,653.00
		- Internet / Broadband Expenses	46,741.00
		- Advertisement	288,661.00
		- Misc. Expenses	25,488.00
		- Audit Fees	1,500.00
		- TA & Conveyance	15,714.00
		- Literary & Cultural exp	3,982.00
		- Library Books A/c	93,661.00



Appendix – VIII

Library Fine	3,358.00	-Sawing Charges of old Tahl	3,524.00
- Sydle / Scooter Fee	344,100.00	- Prize distribution & Convocation A/c	84960.00
- NCC Fee	11,600.00	- Identity Card	17250.00
- Faculty charges	300.00	- Diesel Genset Exp.	145,000.00
- House Exam Fee	156,000.00	- Printing of Prospectus	60,768.00
		- Legal Charges	17,978.00
		- House Examination	8,571.00
		- College security	242,000.00
To University Charges			1,059,451.00
- University Pbl.Lanugage develop		By University Dues	
- ment fund	69,600.00	- University Punjabi Language Dev. Fund	45,080.00
- Registration/Continuation Fee	243,785.00	- University Registration Fee	117,600.00
- Youth Welfare	63,800.00	- University Continuation Fee	112,485.00
- State Sports Fees	29,000.00	- University Continuation Affilation for	
- Holiday Home Fees	63,800.00	M.sc classes	400,000.00
- Higher Education	11,600.00	- University punjab state sports fees	28,175.00
- PCPEDE	87,000.00	- University verification fees	177,750.00
- College development fee	69,600.00	- University migration fees	3,960.00
- University Hostel fee	116,000.00	- University youth welfare fees	61,985.00
- University Late Fees	133,000.00	- University holiday home	61,985.00
- Unk Migration Fees	208,620.00	- University Late Admission Fees	108,200.00
		- University Sports Hostel Fee	116,000.00
		- University Examination Fee	3,504,750.00
		- University Examination Fee against	
		reappear Candidates	325,600.00
To Remuneration of Lab Staff BSC I, ii,iii / Bio		- University College Students Dev. Fund	33,810.00
Chem/Bio info	1,482.00		5,097,350.00
To Remuneration of Lab Staff M.sc/ BSC / Bio tech	2,754.00	By New Computer Account	193,800.00
To House Examination A/c	53,500.00	By Computer Equipments	2,200.00
To Bio Technology /Informatic Lab contingency	2,105.00	By Furniture & Fixtures	208,513.00
To University Examination Fees		By Electric Equipments	84,224.00
- University Examination Fees	3,556,020.00	By Office Equipments	59,000.00
- University Examination Fee		By VALUATION OF PROPERTY	10,000.00
against reappear Candidates	326,050.00		
	3,882,070.00		



Appendix – VIII

By Tubewell/ Sumbers ¹ / ₄ Pump (new)	112,825.00
By NCC Fees Paid	11,600.00
By Refund of Fees on a/c of Admissions Canceled/Struck off the name of the Students on their request for the year 2012-13	471,960.00
By Fashion and Designing Lab Equipment A/c	32,200.00
By Fashion and Designing Lab contingency A/c	1,069.00
By Affiliation. Fee/Processing Fee For New Courses deposited with Punjabi University,Patiala	20,000.00
By Development fund transfer to Modi Education Society Patiala 2012-13	700,000.00
By Amalgamated Fund transferred to Boys Fund A/c For the year 2012-13	696,000.00
By Punjab State Higher Education Development Fund (2012-13)	11,600.00
By Punjab College Physical Education Development Fund (2012-13)	78,300.00
By Chem.Contingency A/c	74,753.00
By Remuneration of Lab Staff BSC I, II, III / Bio Chem/Bio info	1,482.00
By Chem. Lab Equipment	10,389.00
By Bio-Technology/Informatics Lab Contingencies	136,095.00
By Expenses against on Fashion & Design Lab Exhibition	12,140.00
By Building	13,000.00
By Const. of new Building(New Block)	3,100,767.00

3



Appendix – VIII

		By Repair & Replacement	
		- Computer	4,850.00
		- Water Cooler	1,900.00
		- Generator Repair	23447.00
		- Tubewell	11,100.00
		- Intercom / Telephone Repair	4,855.00
		- Electric Repair / Other's Repair	93,985.00
		- Furniture Repair	55,172.00
		- Building Repair	523,051.00
			718,360.00
		By exp. Against placement cell	2,122.00
		By Closing Balances	
		- Cash in Hand	18,659.71
		- SBOP-Saving A/C NO.55004801690	65,593,060.05
Total (Rs.)	96,390,675.76	Total (Rs.)	96,390,675.76

We hereby certify that the above statement is true & correct to the best of our knowledge & belief.

 (CHAIRMAN)
  (VICE-CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

AUDITOR'S CERTIFICATE
 COMPARED & COMPILED FROM THE BOOKS OF ACCOUNTS PRODUCED BEFORE US
 FOR SUBASH GUPTA & CO.
 CHARTERED ACCOUNTANTS

PLACE: PATIALA
 DATED: 15/11-2013

CA VINOD JAIN
 Membership No. 082989
 Firm Registration No. 001798N

Appendix – VIII

MULTANI MAL MODI COLLEGE, PATIALA BALANCE SHEET OF EMPLOYEE'S PROVIDENT FUND A/c AS ON 31.03.2013			
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
Members Subscription			
Balance as on 1.4.2012	12,872,678.78	Fixed Deposits & RD with SBOP in the account of Employee's P.F. A/c	53,104,100.00
Additions during the year	2,303,466.00	Balance of Employees in Saving A/c with SBOP	2,204,779.00
Less: Payments during the year	1,163,444.00		
	14,012,700.78		
Interest Due to Members on Employee's Share			
Balance as on 1.4.2012	10,315,247.17		
Additions during the year	2,802,794.00		
	13,118,041.17		
Less payments during the year	1,039,195.47		
	12,078,845.70		
Employer's Contribution			
Balance as on 1.4.2012	15,557,021.48		
Additions during the year	2,303,466.00		
Less: Payments during the year	1,048,423.00		
	16,812,064.48		
Interest Due to Members on Employer's Share			
Balance as on 1.4.2012	10,426,600.16		
Additions during the year	2,802,794.00		
	13,229,394.16		
Less payments during the year	1,039,195.47		
	12,190,198.69		
GDS/ADA Amount of Members			
Balance as on 1.4.2012	14,473.42		
Less payments during the year	1,357.06		
	13,116.36		



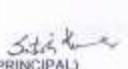



Page 1



Appendix – VIII

Teachers Provident Fund A/c			
Balance as on 1.4.2012	182,239.00		
Add: Interest credited during the year	19,714.00	201,953.00	
			55,308,879.00

We hereby certify that the above statement is true & correct to the best of our knowledge & belief.

 (CHAIRMAN)
  (VICE CHAIRMAN)
  (PRINCIPAL)
  (BURSAR)
  (MEMBER)
  (MEMBER)

AUDITOR'S CERTIFICATE

We have examined the above statement (Employee's Provident Fund) of Multani Mal Modi College, Patiala for the year ended 31st March 2013 from the books & vouchers & relevant records produced to us for our verification & in our opinion the same to be correct to the best of our information & explanations given to us & as shown by the books of college.

PLACE: PATIALA
 DATED: 15-12-2013

FOR SUBASH GUPTA & CO.
 CHARTERED ACCOUNTANTS
 PATIALA
 CA VINOD JAIN
 Membership No. 082969
 Firm Registration No. 001796N

Page 2