

## The Annual Quality Assurance Report (AQAR) 2012-13

### Part-A

#### 1 Details of the Institution

- 1.1 Name of the Institution Punjabi University Patiala
- 1.2 Address Line 1 Punjabi University Patiala
- Address Line 2 Punjabi University Patiala
- City/Town Patiala
- State Punjab
- Pin Code 147002
- Institution email address iqacell@gmail.com
- Contact Nos. 0175-3046001, 6002,6003,6008,6310
- Name of the Head of the Institution Dr. Jaspal Singh
- Tel. No. with STD Code 0175-3046001
- Mobile 9878673990
- Name of the IQAC Co-ordinator Dr. J.S. Pasricha
- Mobile 9501600493
- IQAC e-mail address iqacell@gmail.com
- 1.3 NAAC Track ID PBUNGN10035
- 1.4 Website address punjabiuniversity.ac.in
- Web-link of the AQAR <http://www.punjabuniversity.ac.in/pbiuniweb/iqacnew.html>

#### 1.5 Accreditation Details

Sr. No	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	Five Star		2002	2002-2007
2	2 <sup>nd</sup>	A	3.11	2008	2008-2013
3	3 <sup>rd</sup> Cycle				

- 1.6 Date of Establishment of IQAC 1-8-1999
- 1.7 AQAR for the year 2012-2013
- 1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

AQAR 2008-09 submitted to NAAC on 30/06/2010  
 AQAR 2009-10 submitted to NAAC on 24/06/2011  
 AQAR\_2010-11 submitted to NAAC on 21/06/2012  
 AQAR 2011-12 submitted to NAAC on 29/01/2014 by email from Dr. J.S. Pasricha

1.9 Institutional Status

University	√	State	√
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)			Yes

Type of Institution Co-education  
 Financial Status Grant in aid + Self Financing

- 1.10 Type of Faculty /Programme Arts, Science, Commerce, Law, PEI (Phys Edu), TEI (Edu), Engineering, Health Science, Management, Arts and Culture, Languages and Social Sciences.

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

- 1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt/University	State
UGC-CPE	00
DST Star Scheme	02
UGC-CE	00
UGC-Special Assistance Programme	06
DST-FIST	05
UGC-Innovative PG programmes	01
Any other (Specify)	01
UGC-COP Programmes	00

2. IQAC Composition and Activities

- 2.1 No. of Teachers 15
- 2.2 No. of Administrative/Technical staff 01
- 2.3 No. of students 00
- 2.4 No. of Management Representatives 02
- 2.5 No. of Alumni 00
- 2.6 No. of any other stakeholder and community representatives 00

2.7	No. of Employers/ Industrialists	00
2.8	No. of other External Experts	02
2.9	Total No. of members	17
2.10	No. of IQAC meetings held	04
2.11	No. of meetings with various stakeholders:	No
2.12	Has IQAC received any funding from UGC during the year? if Yes, mention the amount	Rs. 2,00,000/-
2.13	Seminars and Conferences (only quality related)	00

2.14 Significant activities and contributions made by IQAC are as follows:

Based on the feedback from heads of various departments/colleges/institutions and also keeping in mind the current trends in the education and demands, some of the courses have been proposed by IQAC to be started by different departments/institutions/colleges. The details are given in para 2.1.5

2.15 Plan of Action by IQAC/Outcome

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

During the financial year 2012-13 following new courses in various University Teaching Departments have been proposed:-

Sr. No.	Name of the Department/Centre	Name of the Course
1	Punjabi University T.P.D. Malwa College, Rampuraphul-Mehraj	B.Sc. (Non Medical)
2	Education and Community Services	Post Graduate Certificate Course in Teaching Proficiency Post Graduate Diploma in Higher Education for Foreign Students.
3	Centre for Advanced Media Studies	Post Graduate Diploma in Graphics, Animation and Special Effects.
4	Sri Guru Gobind Singh Religious Studies	Add-on Certificate Course on World Religious Granth.
5	Tourism, Hospitality and Hotel Management	B.Sc. Air lines, Tourism and Hospitality

Academic Calendar of Session 2013-14

1.	Opening of Teaching Departments	July 01, 2013
2.	First Semester	July 12, 2013 to November 18, 2013
3.	Examination of Ist Semester	November 28, 2013 to December 13, 2013
4.	Winter Break	December 17, 2013 to December 31, 2013
5.	Second Semester	January 01, 2014 to April 24, 2014
6.	Examination of 2 <sup>nd</sup> Semester	May 05, 2014

2.16 Whether the AQAR was placed in a statutory body

Yes, placed in Advisory committee Punjabi University Patiala.

## Part-B

### Criterion-1

#### 1 Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	46			
PG	57	18 Programmes		
UG	13			
PG Diploma	03			
Advanced Diploma	0			
Diploma	0			
Certificate	12			
Others				
<b>Total</b>	131			

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

In the curriculum, in addition to core subjects, elective subjects are also provided pertaining to different specializations students are free to select the elective subjects as per their area of interest.

##### (ii) Pattern of Programmes:

Semester= 60

Annual= All Courses in Distance Education have Annual System

##### 1.3 Feedback from stakeholders\*

Feedback is taken at regular intervals from Alumni, Current students, Parents, Industry and the recruiters related to curriculum and other academic issues.

After thorough discussion on these feedbacks, IQAC incorporates some of these in future action plans.

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

Board of Studies of different subjects meets atleast twice a year to review and modify (if necessary). The regulation and syllabi as per the current trend, feedback from various stakeholders.

1.5	Any new Department/Centre/Courses introduced during the year. If yes, give details.	
	Following courses introduced this year.	
	Punjabi University T.P.D. Malwa College, Rampura Phul-Mehraj	B.Sc. (Mathematics, Computer Application and Management), M.A. (History), M.A. (Punjabi), B.P.Ed. (one year course) and M.C.A.
	Punjabi University Neighbourhood Campus, Karandi (Mansa)	B.Sc. (Computer, Statistics and Mathematics)
	Punjabi University Guru Kashi College, Damdma Sahib (Bathinda)	Five year M.Com (Hons. School-FYIC), B.Sc. Agriculture (four years) (After 10+2) and M.A. (Punjabi)
	Punjabi University Neighbourhood Campus, Jaito (Faridkot)	M.C.A.
	Punjabi University Baba Dhyani Dass Neighbourhood Campus, Jhunj (Mansa)	B.C.A.
	Punjabi University Akali Phula Singh Neighbourhood Campus, Dehla Seehan (Sangrur)	M.C.A.
	Distance Education	M.A. (Public Administration)
	Sociology & Social Anthropology	PG Diploma in Social Impact Assessment (one year)
	Women's Studies Centre	M.A. Women Studies
	Physical Education	M.Phil
	Centre for Advanced Media Studies	Advanced Diploma in Multimedia Applications
	Botany	M.Sc. Hon's in Botany (Five year Integrated Course) (After 10+2)
	Yadwindra College of Engineering	B.Tech. (Civil Engg.) and B.Tech. (Petro Engg.)
	Punjabi University Campus, Mour (Bathinda)	B.Com.
	University College, Moonak, Sangrur	B.B.A.
	Distance Education	Certificate course in Sanskrit (one year course)
	School of Social Sciences established in the University during this year	Bachelor of Social Sciences (Hon's School)
	Nawab Sher Mohd. Khan Institute of Advanced Studies, Malerkotla	M.Sc. (I.T.) (Lateral Entry course)

## Criterion-II

### 2. Teaching, Learning and Evaluation

2.1	Total No. of Permanent faculty	Total	Astt. Prof	Associate Prof	Professor	Others
		<b>739</b>	<b>511</b>	<b>55</b>	<b>173</b>	<b>0</b>

2.2 No. of permanent faculty with Ph.D. 474

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

Asst. Professor		Assoc. Professor		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
44	60	0	28	2	25	0	0	46	113

2.4 No. of Guest and Visiting Faculty and Temporary faculty  
Adhoc =13, contract=71, Guest Faculty = 172

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars / Workshops	302	495	82
Presented papers	304	461	58
Resource Persons	76	209	74

2.6 Innovative process adopted by the Institution in Teaching and Learning

- The whole part of the examination system has been computerized.
- Modern educational technologies in teaching, such as multimedia teaching have been strengthened. All the departments have been provided with computers and Internet facilities so that key can will ICT enabled services of Teaching and Learning.
- Continuous evaluation of the students is done. Two or three house tests are conducted for each student and the marks obtained by students these examinations become part of the internal assessment of the student.
- Please refer 6.3.2 page 38 and 6.3.3 page 38 also.

- 2.7 Total No. of actual teaching days during this academic year : 180 days
- 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)
- We have been using OMR (Optical Mark Reader) Answer Sheets for Conducting University Examination.  
In some cases, we have Open Book Examination system.  
Decoding System is in use in which original roll number is encoded with temporary roll number, to maintain secrecy, which is decoded later on while processing result.
- 2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:
- Almost all the faculty directly or indirectly is involved for above purpose.
- 2.10 Average percentage of attendance of students : 80%



2.11 Course/Programme wise distribution of pass percentage

Sr. No	Title of the Programme	Total Students appeared	Division				
			DIST %	I %	II %	III%	PASS%
1	B.SC PART-II/APRIL/12 ANNUAL	1124	1	21	32	8	61
2	B.SC PART-II/APRIL/12 ANNUAL	729	1	31	44	12	87
3	B.SC PART-II/APRIL/12 ANNUAL	116	0	14	43	0	57
4	B.SC PART-II/APRIL/12 ANNUAL	121	1	40	38	2	80
5	B.SC PART-II/APRIL/12 ANNUAL	134	1	49	23	28	100
6	B.SC PART-II/APRIL/12 ANNUAL	99	7	59	36	5	100
7	B.SC PART-II/APRIL/12 ANNUAL	31	0	81	19	0	100
8	B.SC(HOME SCIENCE)II/12 ANNUAL	20	0	45	25	30	100
9	B.SC(HOME SCIENCE)III/12 ANNUAL	12	17	75	25	0	100
10	AGRICULTURE SEM-I/12 FOUR YEAR	513	4	43	19	1	63
11	ATHM SEM-I/12	60	7	20	22	7	49
12	BIOTECH SEM-1/D12	243	1	18	33	8	59
13	B.SC SEM-1/D-12	2733	4	25	26	6	57
14	AGRICULTURE SEM-I/12 SIX YEAR COURSE	132	5	30	17	1	48
15	B.SC(M.CM)SEM-1/D-12	108	17	30	3	0	33
16	AGRICULTURE SEM-III FOUR YEAR	239	1	45	21	0	66
17	ATHM SEM-III/D-12	17	6	47	6	0	53
18	BIOTECH SEM-III/D12	165	1	28	31	1	60
19	B.SC SEM-III/D-12	1873	5	27	26	4	57
20	B.SC(F.T)SEM-III/D-12	31	0	23	0	0	23
21	B.SC(H.H.M)SEM-III/D-12	52	2	31	8	0	39
22	B.SC(HOME SCIENCE)SEM-III/D-12	25	12	48	8	0	56
23	AGRICULTURE SEM-III SIX YEAR COURSE	101	1	11	1	0	12
24	B.SC(M.C.M)SEM-III/D-12	42	38	40	0	0	40
25	BIO-INFORMATICS SEM-III/D-12	13	0	46	15	0	61
26	AGRICULTURE (FOUR YEAR)	135	1	63	19	0	82
27	A.T.H.M	17	6	53	6	0	59
28	BIOTECHNOLOGY	162	1	31	22	0	53
29	B.SC(MED/NON-MED)	1841	5	30	22	2	54
30	FASHION TECHNOLOGY	30	0	23	0	0	23
31	H.H.M SEM-IV	52	6	25	10	0	35
32	HOME SCIENCE	25	12	48	8	0	56

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%	
33	AGRICULTURE SEM-IV(SIX YEAR COURSE)	81	1	10	1	0	11	
34	B.SC(M.C.M)SEM-IV	42	33	43	0	0	43	
35	A.T.H.M	16	19	38	0	0	38	
36	M.C.M	15	0	20	33	0	53	
37	AGRICULTURE SIX YEAR COURSE	63	0	14	0	0	14	
38	M.C.M	32	47	34	0	0	34	
39	B.SC(ATHM)SEM-V/D-12	16	6	63	0	0	63	
40	H.M.M SEM-V/D-12	16	0	25	31	0	56	
41	AGRICULTURE SEM-V SIX YEAR COURSE	70	1	16	0	0	16	
42	M.C.M SEM-V-D12	32	47	38	0	0	38	
43	AGRICULTURE SEM-II/D-13 FOUR YEAR COURSE	502	2	30	15	0	45	
44	ATHM SEM-II/D-13	47	6	28	19	2	49	
45	BIOTECH SEM-II/M-13	253	2	23	30	1	54	
46	B.SC SEM-II/M-13	2666	6	29	20	1	50	
47	B.SC F.T. SEM-II,M-13	35	6	14	0	0	14	
48	B.SC(H.H.M)SEM-III/M-13	94	0	6	3	0	9	
49	HOME SCIENCE SEM-II	35	0	17	23	0	40	
50	AGRICULTURE SEM-II SIX YEAR COURSE	122	2	18	3	0	21	
51	B.SC(M.C.M.)SEM-II	102	17	22	0	0	22	
52	B.ED/A-12	10494	31	97	0	0	97	
53	M.ED REG./A-12	311	9	90	3	0	93	
54	M.ED(DISTANCE)PART-I/A-12	254	0	44	30	1	75	
55	M.ED(DISTANCE)PART-II/A-12	239	0	73	20	0	93	
56	B.ED(DISTANCE)PART-I/A-12	413	1	62	31	3	96	
57	B.ED(DISTANCE)PART-II/A-12	396	3	96	0	0	96	
58	B.ED(M.R)A-12	66	77	100	0	0	100	
59	LLM SEM-I/D-12	51	0	12	51	0	63	
60	LLM SEM-IV/D-12	32	0	28	34	0	62	
61	LLM SEM-I/M-13	40	0	15	30	0	45	
62	LLM SEM-IV/M-13		<b>Maximum result out with AW</b>					
63	LLB SEM-I/D-12	631	09	31	24	1	56	
64	LLB SEM-III/D-12	456	1	36	20	0	56	
65	LLB SEM-V/D-12	340	0	38	30	0	58	
66	LLB SEM-II/M-13	564	1	27	15	1	43	
67	LLB SEM-IV/M-13	382	1	41	10	0	51	
68	LLB SEM-VI/M-13	299	0	55	14	0	69	
69	MA MJMC	30	0	37	60	0	97	
70	MA DEFENCE STUDIES	50	2	6	6	16	28	
71	MA MUSIC VOCAL	6	67	100	0	0	100	
72	MA SOCIAL WORK	28	0	18	71	11	100	
73	MA SIKH STUDIES	12	100	100	0	0	100	
74	MA RELIGIOUS STD	37	19	76	19	3	98	

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
75	MA ECONOMICS	320	4	33	23	4	60
76	MA HISTORY	342	2	75	15	1	91
77	MA LINGUISTIC	12	17	92	8	0	100
78	MA PHILOSOPHY	18	11	100	0	0	100
79	MA MUSIC-I	5	20	80	20	0	100
80	MA POLITICAL SCIENCE	398	0	63	28	3	94
81	MA FINE ARTS	30	23	80	7	0	87
82	MA EDUCATION	201	2	58	25	0	83
83	MA INDIAN CLASSICAL DANCE	25	44	88	4	0	92
84	MA THEATER & TELEVISION	18	0	39	56	6	?
85	MA HINDI	146	93	95	2	2	99
86	MA SANSKRIT	16	6	56	6	13	75
87	MA PUBLIC ADMIN	56	2	29	34	7	70
88	MA PERSAIN						
89	MA URDU	35	3	71	14	0	85
90	MA PUNJABI	854	0	36	39	1	76
91	MA ENGLISH	540	0	13	41	20	74
92	MA WOMEN STD	8	13	63	25	13	?
93	MA SOCIOLOGY	42	2	21	43	17	81
94	MA GURMAT SANGEET	6	33	67	0	0	67
95	MA MJMC	29	0	59	34	0	93
96	MA DEFENCE STUDIES	42	0	2	5	2	09
97	MA MUSIC VOCAL	22	45	82	0	0	82
98	MA SOCIAL WORK	32	78	78	0	0	78
99	MA SIKH STUDIES	12	100	100	0	0	100
100	MA RELIGIOUS STD	36	17	72	14	0	86
101	MA ECONOMICS	264	6	45	14	2	61
102	MA HISTORY	323	1	75	16	1	92
103	MA LINGUISTIC	12	17	92	8	0	100
104	MA PHILOSOPHY	17	6	82	18	0	100
105	MA MUSIC-I	6	50	83	0	0	83
106	MA POLITICAL SCIENCE	363	0	55	36	1	92
107	MA FINE ARTS	31	32	71	6	0	77
108	MA EDUCATION	194	8	78	6	0	84
109	MA INDIAN CLASSICAL DANCE	24	42	88	8	0	96
110	MA THEATER & TELEVISION	18	0	44	44	6	94
111	MA HINDI	138	1	46	40	0	86
112	MA SANSKRIT	13	0	62	8	0	70
113	MA PUBLIC ADMIN	23	4	43	22	13	78
114	MA PERSAIN						
115	MA URDU	30	13	90	3	0	93
116	MA PUNJABI	811	97	98	3	0	?
117	MA ENGLISH	438	0	23	44	5	72
118	MA WOMEN STD	7	14	71	29	0	100
119	MA SOCIOLOGY	39	3	21	49	10	80

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
120	MA GURMAT SANGEET	4	50	100	0	0	100
121	MA MJMC	26	4	73	15	4	92
122	MA DEFENCE STUDIES	21	0	5	33	14	52
123	MA MUSIC VOCAL	9	33	100	0	0	100
124	MA SOCIAL WORK	29	90	90	0	0	90
125	MA SIKH STUDIES	12	17	50	0	0	50
126	MA RELIGIOUS STD	21	14	86	0	0	86
127	MA ECONOMICS	252	1	53	24	2	79
128	MA HISTORY	220	0	81	14	0	95
129	MA LINGUISTIC	13	8	77	23	0	100
130	MA PHILOSOPHY	12	17	100	8	0	?
131	MA MUSIC-I	9	33	111	0	0	?
132	MA POLITICAL SCIENCE	289	0	64	29	0	93
133	MA FINE ARTS	43	26	93	5	0	98
134	MA EDUCATION	31	13	81	6	0	87
135	MA INDIAN CLASSICAL DANCE	12	58	100	0	0	100
136	MA THEATER & TELEVISION	15	0	40	47	7	94
137	MA HINDI	124	0	46	33	1	80
138	MA SANSKRIT	12	17	92	8	0	100
139	MA PUBLIC ADMIN	26	8	42	35	19	96
140	MA PERSAIN						
141	MA URDU	20	0	85	0	0	85
142	MA PUNJABI	594	0	53	39	0	92
143	MA ENGLISH	361	0	21	51	9	81
144	MA WOMEN STD						
145	MA SOCIOLOGY	38	0	42	37	8	87
146	MA GURMAT SANGEET	5	60	100	0	0	100
147	MA MJMC	26	4	73	19	0	92
148	MA DEFENCE STUDIES	22	0	5	27	0	32
149	MA MUSIC VOCAL	9	22	100	0	0	100
150	MA SOCIAL WORK	28	0	29	57	4	90
151	MA SIKH STUDIES	12	0	50	17	0	67
152	MA RELIGIOUS STD	20	15	80	0	0	80
153	MA ECONOMICS	239	0	56	15	1	72
154	MA HISTORY	218	0	81	12	0	93
155	MA LINGUISTIC	11	0	91	9	0	100
156	MA PHILOSOPHY	12	0	92	8	0	100
157	MA MUSIC-I	8	0	13	63	0	76
158	MA POLITICAL SCIENCE	277	0	74	18	0	92
159	MA FINE ARTS	44	23	91	2	0	93
160	MA EDUCATION	31	10	81	6	0	87
161	MA INDIAN CLASSICAL DANCE	11	64	100	0	0	100
162	MA THEATER & TELEVISION	16	0	38	44	6	88
163	MA HINDI	111	0	46	26	0	72
164	MA SANSKRIT	12	17	100	0	0	100

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
165	MA PUBLIC ADMIN	23	4	43	22	13	78
166	MA PERSAIN						
167	MA URDU	17	0	88	0	0	88
168	MA PUNJABI	578	0	54	3	0	57
169	MA ENGLISH	325	0	28	46	2	76
170	MA WOMEN STD						
171	MA SOCIOLOGY	37	0	43	35	3	81
172	MA GURMAT SANGEET	5	60	100	0	0	100
173	M.SC AMC	27	4	30	41	0	71
174	M.SC. APPLIED PHYSICS	59	15	81	8	0	89
175	M.SC ATHM	11	0	18	18	18	54
176	M.SC ASP	20	10	35	15	0	50
177	M.SC BOTANY	63	2	11	48	30	89
178	M.SC BIOTECHNOLOGY	102	9	77	14	0	91
179	M.SC CHEMISTRY	259	8	55	17	1	73
180	M.SC FORENSIC	19	0	74	16	0	90
181	M.SC FASHION TECHNOLOGY	11	9	73	0	0	73
182	M.SC FASHION DESIGN & TECH	132	34	81	1	0	82
183	M.SC FOOD & NUTRITION	12	0	42	50	0	92
184	M.SC GROGRAPHY	82	2	27	46	13	86
185	M.SC HUMAN BIOLOGY	10	10	70	10	0	80
186	M.SC INFORMATION TECH	1188	1	44	17	0	61
187	M.SC MATHEMATICS	355	3	24	17	5	46
188	M.SC MICRO & FOOD TECH	22	5	68	14	0	82
189	M.SC MICROBIOLOGY	41	17	80	7	0	87
190	M.SC MOROBIAL BIOTECH.						
191	M.SC NANO TECHNOLOGY	25	0	52	28	0	80
192	M.SC PHYSICS	146	25	71	9	0	80
193	M.SC PHYCHOLOGY	74	7	72	19	0	91
194	M.SC STATISTICS	27	19	48	11	4	63
195	M.SC SPORTS COACHING						
196	M.SC SPORTS SCIENCE	12	0	8	42	50	100
197	M.SC ZOOLOGY	57	12	82	7	0	89
198	M.SC AMC	20	5	55	15	0	70
199	M.SC. APPLIED PHYSICS	54	19	89	2	0	91
200	M.SC ATHM	9	0	33	11	0	44
201	M.SC ASP	18	11	39	6	0	45
202	M.SC BOTANY	57	0	18	49	21	88
203	M.SC BIOTECHNOLOGY	98	8	77	5	0	82
204	M.SC CHEMISTRY	256	6	50	13	0	63
205	M.SC FORENSIC	20	0	70	10	0	80
206	M.SC FASHION TECHNOLOGY	9	33	67	0	0	67
207	M.SC FASHION DESIGN & TECH	94	34	67	0	0	67
208	M.SC FOOD & NUTRITION	11	9	82	9	0	91
209	M.SC GROGRAPHY	73	1	48	37	4	89

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
210	M.SC HUMAN BIOLOGY	8	50	88	0	0	88
211	M.SC INFORMATION TECH	916	2	50	4	0	54
212	M.SC MATHEMATICS	299	7	38	10	0	48
213	M.SC MICRO & FOOD TECH	21	5	76	0	10	86
214	M.SC MICROBIOLOGY	36	8	58	8	0	66
215	M.SC MOROBIAL BIOTECH.						
216	M.SC NANO TECHNOLOGY	23	9	43	4	0	47
217	M.SC PHYSICS	127	24	75	1	1	77
218	M.SC PHYCHOLOGY	73	4	68	22	0	90
219	M.SC STATISTICS	27	22	41	11	0	52
220	M.SC SPORTS COACHING	1	0	100	0	0	100
221	M.SC SPORTS SCIENCE	13	0	15	77	8	100
222	M.SC ZOOLOGY	55	13	73	9	0	82
223	M.SC AMC	18	22	67	6	0	73
224	M.SC. APPLIED PHYSICS	39	10	87	3	0	90
225	M.SC ATHM	2	0	0	50	50	100
226	M.SC ASP	28	4	61	4	0	65
227	M.SC BOTANY	52	2	52	19	0	71
228	M.SC BIOTECHNOLOGY	169	3	76	9	0	85
229	M.SC CHEMISTRY	229	8	66	8	0	74
230	M.SC FORENSIC	20	0	90	5	0	95
231	M.SC FASHION TECHNOLOGY						
232	M.SC FASHION DESIGN & TECH	131	8	47	3	0	50
233	M.SC FOOD & NUTRITION						
234	M.SC GROGRAPHY	65	3	62	32	0	94
235	M.SC HUMAN BIOLOGY	16	25	94	0	0	94
236	M.SC INFORMATION TECH	1684	7	71	6	0	77
237	M.SC MATHEMATICS	327	19	68	12	0	80
238	M.SC MICRO & FOOD TECH	41	2	39	37	2	78
239	M.SC MICROBIOLOGY	32	19	72	9	0	81
240	M.SC MOROBIAL BIOTECH.						
241	M.SC NANO TECHNOLOGY	10	10	70	10	0	80
242	M.SC PHYSICS	81	17	81	9	0	90
243	M.SC PHYCHOLOGY	53	23	81	13	0	94
244	M.SC STATISTICS	22	9	32	23	5	60
245	M.SC SPORTS COACHING	6	0	83	0	0	83
246	M.SC SPORTS SCIENCE	8	0	50	38	0	88
247	M.SC ZOOLOGY	41	15	95	2	0	97
248	M.SC AMC	18	11	72	0	0	72
249	M.SC. APPLIED PHYSICS	39	10	87	5	0	92
250	M.SC ATHM						
251	M.SC ASP	21	19	62	5	0	67
252	M.SC BOTANY	48	2	54	15	2	71
253	M.SC BIOTECHNOLOGY	168	4	84	8	0	92
254	M.SC CHEMISTRY	211	9	69	2	0	71

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
255	M.SC FORENSIC	20	0	80	5	0	90
256	M.SC FASHION TECHNOLOGY	7	57	71	0	0	100
257	M.SC FASHION DESIGN & TECH	82	20	45	12	1	96
258	M.SC FOOD & NUTRITION						
259	M.SC GROGRAPHY	64	3	67	25	2	97
260	M.SC HUMAN BIOLOGY	16	38	94	0	0	100
261	M.SC INFORMATION TECH	1652	6	63	1	0	81
262	M.SC MATHEMATICS	318	26	74	5	0	97
263	M.SC MICRO & FOOD TECH	33	3	45	33	0	82
264	M.SC MICROBIOLOGY	39	15	67	15	0	100
265	M.SC MOROBIAL BIOTECH.						
266	M.SC NANO TECHNOLOGY	9	11	89	0	0	100
267	M.SC PHYSICS	79	20	86	4	0	97
268	M.SC PHYCHOLOGY	52	27	90	4	0	96
269	M.SC STATISTICS	11	27	36	18	0	64
270	M.SC SPORTS COACHING	7	43	86	0	0	100
271	M.SC SPORTS SCIENCE	9	0	44	22	0	67
272	M.SC ZOOLOGY	42	19	93	2	0	100
273	PUNJABI	3593	1	13	42	8	66
274	HINDI	1249	0	0	0	13	85
275	ENGLISH	749	0	0	0	15	47
276	HISTORY	1482	0	0	0	13	81
277	ECONOMICS	211	0	0	0	15	85
278	POLITICAL SCIENCE	1164	0	0	0	18	82
279	RELIGION	117	0	0	0	4	74
280	DEFENCE STD	7	0	0	0	29	57
281	PHILOSOPHY	10	0	0	0	0	100
282	PUBLIC ADMISITRATION	109	0	62	30	1	90
283	GURMAT SANGEET	18	0	0	0	0	94
284	GURMAT VADN	2	0	0	0	0	100
285	M.J.M.C	91	0	0	0	0	86
286	LINGUISTICS	8	0	0	0	0	88
287	SOCIOLOGY	16	0	0	0	0	69
288	SANSKRIT	4	0	0	0	0	50
289	SIKH STUDIES	27	0	0	0	0	63
290	URDU	3	0	0	0	0	67
291	WOMEN STUDIES	5	0	0	0	0	100
292	TABLA	3	0	0	0	0	100
293	BCA SEM-I/N-12	3893	2	33	18	0	51
294	BCA SEM-III,N-12	3183	0	25	8	0	58
295	BCA SEM-V,N-12	2916	1	32	7	0	74
296	BCA 2M13 SEM-II,A-13	3562	1	19	5	0	29
297	BCA SEM-IV, M-13	4301	0	18	7	0	51
298	BCA SEM-VI, M-13	2880	1	33	6	0	83
299	BCA -I,SEM(ANNUAL)13	24	0	0	17	0	17

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
300	BCA-III(ANNUAL)13	25	0	20	8	0	28
301	BCA-II SEM(ANNUAL)13	100	2	9	31	2	43
302	MCA VI SEM	645	42	90	0	0	100
303	ADD ON COURSE	1501	0	50	14	7	71
304	PG. CHILD CARE.DEV.	5	0	100	0	0	100
305	PG. AGRICULTURAL MAR.MGT.	11	0	55	9	0	64
306	PG IN BANKING INSURANCE	34	0	24	18	24	65
307	PG IN WOMEN & CHILD CARE	10	0	50	0	0	50
308	PG IN FORENSIC SCI.	57	0	16	40	4	60
309	PG IN HEALTH FITNESS TRAL.	24	0	25	13	0	38
310	PG IN HIV	19	0	53	26	0	79
311	PG IN HUMAN RIGHTS	23	0	70	4	0	74
312	PG JMC	113	0	11	47	3	60
313	PG IN PSYCHOLOGY	8	0	63	13	0	75
314	PG IN SIKH THEOLOGY	8	0	63	25	13	100
315	PG IN TRANSLATION	7	0	86	0	0	86
316	PG IN YOGIC SCIENCE	9	0	22	56	11	89
317	DIPLOMA IN DIVINITY	12	0	0	50	25	75
318	DIPLOMA IN FRENCH	13	0	31	8	0	38
319	DIPLOMA IN GURMAT	13	0	77	8	0	85
320	DIPLOMA IN HARDWARE	11	0	0	0	0	9
321	DIPLOMA IN URDU	2	0	50	50	0	100
322	GYANI	325	0	2	23	17	42
323	PG DIPLOMA IN INTERNET	2	0	100	0	0	100
324	CERTI. COURSE IN COMP. APP	12	0	83	0	0	83
325	CERTI. COURSE IN FRENCH	35	0	14	26	9	49
326	CERTI. COURSE IN GURU GRANTH SAHIB	22	0	100	0	0	100
327	CERTI. COURSE IN GERMAN	18	0	39	17	6	61
328	CERTI.COURSE IN PER. DEV.	2	0	100	0	0	100
329	CERTI.COURSE IN PERSIAN	4	0	100	0	0	100
330	CERTI.COURSE IN SPO.ENGLISH	4	0	75	0	0	75
331	CERTI.COUSE IN URDU	9	0	22	22	0	44
332	CERTI.COURSE IN YOGA	14	7	43	43	14	100
333	M.COM PART-I/A-12 ANNULA	319	0	48	29	4	81
334	M.COM PART-II/A-12 ANNULA	191	0	48	35	2	84
335	M.COM PART-I/A-13 ANNULA	535	1	29	13	0	47
336	M.COM PART-II/A-13 ANNULA	270	0	48	22	1	73
337	M.COM SEM-1/D-12	277	2	55	31	5	92
338	M.COM SEM-2/M-13	274	1	63	23	1	91
339	M.COM SEM-III/D-12	130	6	72	14	0	95



Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
340	M.COM SEM-IV/M-13	125	7	78	8	1	99
341	M.COM SEM-I/D-12 FIVE YEAR	102	15	50	7	0	72
342	M.COM SEM-III/D-12 FIVE YEAR	63	25	48	5	0	86
343	M.COM SEM-V/D-12 FIVE YEAR	45	13	67	7	0	98
344	M.COM SEM-VII/D-12 FIVE YEAR	31	13	29	0	0	48
345	M.COM SEM-II/M-13 FIVE YEAR	98	15	42	2	1	69
346	M.COM SEM-IV/M-13 FIVE YEAR	63	24	48	3	0	83
347	M.COM SEM-VI/M-13 FIVE YEAR	45	13	58	2	0	80
348	B.COM PART-I/APRIL-12/ANNUAL	384	0	6	17	23	46
349	B.COM SEM-I/D-12	3321	3	37	24	2	65
350	B.COM SEM-III/D-12	2788	0	4	5	0	63
351	B.COM SEM-I/D-12 (PROF.)	1636	13	46	8	1	68
352	B.COM SEM-III/D-12 (PROF.)	745	9	37	2	0	67
353	B.COM SEM-V/D-12 (PROF.)	193	14	65	4	0	89
354	B.COM SEM-II/M-13 (PROF.)	1575	15	44	6	0	86
355	B.COM SEM-IV/M-13 (PROF.)	195	14	62	6	0	91
356	BBA SEM-I/D-12	2627	6	34	8	0	41
357	BBA SEM2M12	2023	8	39	8	0	56
358	BBA SEM3D12	1474	10	40	5	0	60
359	BBA SEM4M12	1384	10	49	7	56	69
360	BBA SEM5D12	1209	13	52	6	0	72
361	BBA SEM6M13	1088	14	57	2	0	92
362	PGDCA SEM1N12	2049	4	51	10	0	60
363	PGDCA SEM2M13	1826	4	59	5	0	68
364	BLIB SEM2M13	110	25	62	1	0	55
365	DLIB A-12	362	4	40	15	5	54
366	BA 1ST YEAR	51161	0	5	17	18	39
367	BA II YEAR APRIL-13	26403	0	9	34	27	72
368	B.A PART-III A-13	23528	0	8	24	10	29
369	BALLB SEM-I,N-12	934	41	5	5	49	5
370	BALLB SEM-II,M-13	810	64	6	2	1	7
371	MBA (REGULAR)SEM-1N12	1143	29	92	8	0	78
372	MBA-III SEM/N/13	1093	30	93	4	0	93
373	MBA-II SEM/M/13	1054	31	85	8	0	89
374	BALLB SEM-III/N-12	679	3	49	19	0	61
375	MBA IV/M-13	1015	24	85	2	0	96
376	BALLB SEM-IV,M-13	560	2	46	7	0	76
377	MBA (GLOBAL)IV,N-12	120	20	83	21	1	84
378	BALLB SEM-5 NOV-12	479	10	77	26	1	90
379	MBA(GLOBAL)IV,N-12	26	8	81	27	0	92
380	BALLB IV,MAY-13	448	4	37	7	0	76
381	MBA(GLOBAL)III,M-13	120	24	89	14	0	75

Sr. No	Title of the Programme	Total Students appeared	DIST %	I %	II %	III%	PASS%
382	BALLB SEM-VIII,M-13	377	1	55	22	0	56
383	MBA(GLOBAL)IV,M-13	27	7	93	19	0	41
384	BALLB-SEM-VIII,M-13	364	1	40	15	0	84
385	MBA IC 1SEM,N-12	107	6	73	27	0	52
386	BALLB SEM-IX,N-12	259	2	67	27	2	85
387	MBA IC III/N-12	103	2	56	9	2	45
388	MBA IC V-SEM,N-12	128	7	56	9	0	86
389	MBA IC VII/N-12	40	5	68	13	0	60
390	BALLB M-13	265	0	62	20	0	94
391	MBA IC 9SEM,N-12	28	21	89	0	0	18
392	MBA IC 2/M/13	104	6	54	10	0	48
393	MBA IC 4/M/13	78	10	32	0	0	60
394	MBA IC 6/M/13	92	8	43	4	0	100
395	MBA IC 8/M/13	33	9	55	0	0	76
396	MBA IC 10/M/13	33	9	85	3	0	94
397	BPE I(3YEAR)	201	0	45	48	8	51
398	BPE I(4 YEAR)	109	0	39	57	4	85
399	BPE II(3YEAR)	99	1	68	25	0	84
400	BPE II(4 YEAR)	83	0	59	34	0	98
401	BPE III(3YEAR)	183	5	88	8	0	91
402	BPE III(4 YEAR)	106	1	86	13	0	97
403	BP.ED(ONWARD)	354	61	97	1	0	99
404	DP.ED(I)	271	35	99	1	0	73
405	DP.ED(II)	239	45	99	1	0	97
406	MP.ED(I)	228	13	93	7	0	97
407	MP.ED(II)	151	39	99	1	0	99
408	B.PH SEM2	63	0	40	0	0	63
409	B.PH SEM6	49	6	71	0	0	69
410	B.PH SEM8	62	0	29	2	0	71
411	B.PH SEM10	59	8	75	8	0	85
412	B.P.T SEM-I	26	0	92	8	0	62
413	B.P.T SEM-II	16	0	100	0	0	69
414	B.P.T SEM-III	3	0	100	0	0	100
415	B.P.T SEM-IV	1	0	100	0	0	100

## 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching and Learning Process

IQAC Contribute/Monitor/Evaluate the Teaching and Learning Process through the meetings with heads/dean of faculties. In these meetings the feedback from the various stakeholders (received directly and indirectly) is discussed and then actions needed to further improve the Teaching and Learning Process is chalked out. The decisions of the meetings after approval from the concerned bodies are then conveyed to the Heads for implementation.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	91
UGC – Faculty Improvement Programme	20
HRD Programmes	01
Orientation programmes	34
Faculty exchange programme	08
Staff training conducted by the university	12
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	38
Others	06

2.14 Details of Administrative/Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1720	791	307	248
Technical Staff	439	156	90	53

### Criterion-III

#### 3 Research, Consultancy and Extension

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

Based on the feedback from the various departments/institutions, IQAC in their meetings identify the departments having potential for research activities and recommend special fund allocation in the annual budget for research activities and also encourage the departments to apply for research grants from various bodies like DST, FIST, UGC etc.  
For details pls. refer para. criterion 3.2 to 3.6.

##### 3.2 Details regarding major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	20	77	75	72
Outlay in Rs.	2,43,54,814	34,96,61,744	35,99,51,549	35,40,02,193

##### 3.3 Details regarding minor Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	06	13	09
Outlay in Rs.	1,23,57,000	48,75,000	1,72,42,200	1,64,32,000

##### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	860	365	14
Non-Peer Review Journals	18	68	04
e-Journals	70	13	01
Conference proceedings	147	86	11

3.5	Details on Impact Factor of publication		Range, Average, H-index, Nos. in Scopus		
		Range	Average	H-Index	Nos. in Scopus
	Mechanical Engineering	0-1.5	0.30	03	20
	Applied Sciences	0-2.32	0	0	0
	Statistics	0.7-3.5	0	0	0
	Computer Sci	0.1 -3.5	1.9	13	30
	Dance	0	0	02	0
	Human Genetics	80-7.08	2.48	09	0
	Chemistry	0.794 to 3.039	0	0	0
	Pharmaceutical	0-4.2	1.5	0	0
	Biotechnology	1.9-2.6	2.3	05	40
		0.52-2.5	2.1	0	69
		0.5-9.0	4.5	0	0
		0.2-2.88	1.4	0	0
	Sports Science	1.5	0	1.9	0
	Adv. centre for	0	0	02	0

	tech.dev of pbi. language				
	Botany	0.294 to 6.890	0.7675	5.307	0
	Distance Education	0	01	0	0
	Math	0-1	0	0	0
	Forensic Sci	4-10.14	4.50	09	03

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

Nature of the Project	Duration in Years	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
	3 years	UGC, New Delhi	Rs. 2,28,75,600	Rs. 14,76,66,900
	3 years	Non-UGC	Rs. 34,57,51,533	Rs. 4,79,45,232
Minor Projects				
	3 years	UGC, New Delhi	Rs. 9,80,000	Rs. 7,61,000
	3 years	Non-UGC	Rs. 1,56,32,000	Rs. 1,56,32,000
Total			Rs. 38,52,39,133	Rs. 21,20,05,132

3.7 No. of Books published  
With ISBN No.=40, Chapters in Edited Books=60,  
Without ISBN No=09

3.8 No. of University Departments receiving funds from  
UGC-SAP=06  
DST-FIST=05  
DBT Scheme/Funds=02

3.9 For Colleges NA

3.10 Revenue generated through consultancy Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	08	39	02	0	0
Sponsoring agencies	ASA, Uni, UGC, ,SATKAL AND PLA	Uni., CAS, UGC, DST, CSIR, DLT			

3.12 No. of faculty served as experts, chairpersons or resource persons 359

- 3.13 No. of collaborations  
International=23, National=40, Any other=02
- 3.14 No. of linkages created during this year 25
- 3.15 Total budget for research for current year  
From Funding Agency UGC =Rs. 6,11,94,479  
Non- UGC=3613,83,533  
Total Rs. 422578012/-
- 3.16 No. of patents received this year Nil
- 3.17 No. of research awards/recognitions received by faculty and research fellows of the institute in the year  
Total=31, International=04, National=19, State=03, University=03, Dist=01 and College=01
- 3.18 No. of faculty from the Institution who are Ph.D Guides and students registered under them  
Ph.D Guides= 506  
Students Registered under them=1368
- 3.19 No. of Ph.D. awarded by faculty from the Institution = 327
- 3.20 No. of Research Scholars receiving the Fellowships (Newly enrolled +existing ones)  
UGC JRF=227, SRF=111, Project Fellows=37  
Non UGC JRF=35, SRF=25 Project Fellows=60 Other Scholarships=69
- 3.21 No. of students Participated in NSS events  
University Level=1239  
State Level=39  
National Level=26
- 3.22 No. of students participated in NCC events NA
- 3.23 No. of Awards won in NSS  
University Level=55,  
State Level=01,  
National Level=01
- 3.24 No. of Awards won in NCC NA
- 3.25 No. of Extension activities organized NSS 108 (239 units)

Any Other: Many NSS activities like blood donation, AIDS awareness, Environment Protection, Female feticides, Tree Plantation, etc. have been organised by the affiliated colleges as well as campus units activities. Almost 108 colleges have organised National Special 7 Days Camps and covered 239 units by adopting villages in area of concerned colleges. In these camps, the NSS volunteers have approached the local people and made them aware about social concern and responsibility.

3.26 Major Activities during the year in the sphere of Extension Activities and Institutional Social Responsibility.

**Department of Electronic and Communication Engineering**

- Various students from the department have joined NSS that takes into account various social activities like blood donation camp, cleanliness of the campus, tree plantation and development of parking area.
- CRISPOLATEIA 2K13 was organized in which technical and cultural events were organized and students from various colleges participated in them. Workshops and seminars from expert were also organized under it.
- Many students are active members of various NGOs.
- Ladies club organizes a fair every year and the profit is distributed to various social organizations, such as orphanage homes, old age homes, and deaf and dumb.

**Department of School of Social Sciences**

The resource persons were invited to deliver extension lectures in their respective area of specialization in the field of Social Sciences

**Department of Defence and Strategic Studies**

Extension Lectures: Display of Army equipment was organized. Army recruitment awareness camp was also organized.

**Department of Mechanical Engineering**

- Organized Blood Donation Camp at Kala Bhawan, Punjabi University, Patiala on August 28, 2012.
- Organized 2 day camp with NGO from 25-26 October, 2012.
- Technical Club of UCOE organized three workshops in the area Ethical Hacking @ Network Security, Android, Advances Robotics at UCoE Workshop building on Oct 20-21, 2012. 70 students of UCoE participated in these workshops.

**Department of Social Work organised the following events:**

- 06 Drug de-addiction camps
- 02 Environment awareness camps
- 02 Traffic Rules awareness camps.
- 02 Candle making workshops at Navjivani School and Deaf and dumb School safdipur.
- 02 Medical Check up Camp
- Self Help Groups created under the initiative taken by Nabha Foundation
- Used Cloths distributed to slum areas under Clothing Bank Project of Navjivani School.
- Candle Sale organised for the purpose of donation to deaf and dumb school.

**Department of Women Studies Centre**

- The Women's Studies Centre Organized Conferences/Seminars/Workshops on various issues like-Computer Literacy Workshop for Deaf and Blind Children, Culinary

- Workshop, Pidilite Workshop, Anti Street Harassment week.
- 16-day Activism Campaign, International Women's Day and Human Rights Day etc. Translation of International and National Documents in Punjabi Language. Detail of the some activities are as under:
  - International conference on "Women, Peace and Security" (October 26-27, 2012)
  - Computer Training Programme for Students from September 17 to October 5, 2012.
  - Workshop on Legal Literacy for University Students was held on September 3-4, 2012. Forty students from the various departments participated in the workshop and they were given legal knowledge and awareness of the laws prevalent in India and the International Conventions concerning women and children.
  - Workshop on Stress Management for University Teachers on September 18-19/2012.
  - Gender sensitization workshop for security personnel of Punjabi University from April 4 to 5, 2013.
  - Gender Sensitization workshop for Senior Wardens, Hostels Wardens, Perfects and Head Girls of Punjabi University was held on April 10-11, 2013.
  - Organized one day workshop on "Gender Sensitization" on 24 April, 2013.
  - The Women's Studies Centre in collaboration with University Model School participated in the Marathon Race organized at Baradari Gardens, Patiala on April 28, 2013.
  - Published Proceedings of the 4 International Conference on "Women, Peace and Security", October 26-27, 2012 (Publication Bureau, Punjabi University, Patiala.)
  - Celebrated the international women day 2013 on the UN theme " A promise is a promise: Time for action to end violence against women" in collaboration with the Department of NSS and Department of Social Work.

#### **Department of Gurmat Sangeet**

- Gurmat Sangeet Utsav was organized which was open to the Public.
- Gurmat Sangeet Pratiyogita was organized which was open to the Public.
- Kirtan Darbar was organized which was open to the Public.

#### **Department of Economics**

Most of the research and training of the department is action oriented and it provides a strong policy input to the state.

#### **Department of Dance**

- Organized a Kathak Dance Workshop from 1.9.2012 to 7.9.2012 by expert Mrs Kavita Thakur an international known artist.
- Organised a function on 17<sup>th</sup> September, 2012 in which Mr. Sandeep Mahavir an internationally known artiste from Mumbai performed Kathak Dance.
- In October, 2012 Youth welfare department organized zonal & inter-zonal youth festivals.
- Guru Nanak Dev University organized a North Zone inter university youth festival by A.I.U. in which Shivranjani Narula, student of dance department participated and stood second in this event. This dance was choreographed by Dr. Daizy Walia, Professor & Head of dance department.
- Dance Department organized a workshop on Gujrati Folk Dance From 5.3.2013 to 12.3.2013 by expert Dr. Raghuvir Jhala an internationally known artist from Bhavnagar, Gujrat. It was inaugurated by Dr. Yash Pal Sharma, Dean Faculty of Arts and Culture, Punjabi University, Patiala. On concluding day function chief guest was Hon'ble Vice Chancellor Dr. Jaspal Singh.
- On 29<sup>th</sup> April, 2014 World Dance Day was celebrated by Dance Department.



Participations of the Artistes: Quicny Kendell Charles from Delhi, Mrs. Shubhra and Deepak Arora from Gurgaon, old students of Dance Department: Ms. Mansi Saxena from Delhi, Sheetal and Simerjot from Ludhiana, Seemrit from Sangrur and Vishal Thakur from Shimla. Chief guest of this function was Hon'ble Vice Chancellor Dr. Jaspal Singh. Stage was conducted by Dr. Indira Bali, Sr. Assistant Professor.

#### **Department of Computer Engineering**

- Various students from the department have joined NSS that takes into account various social activities like blood donation camp, cleanliness of the campus, tree plantation and development of parking area.
- CRISPOLATEIA 2K13 was organized in which technical and cultural events were organized and students from various colleges participated in them. Workshops and seminars from experts are also organized under it.
- Many students are active members of various NGOs.
- Ladies club organize a fate every year and the profit is distributed to various social organizations such as orphanage homes, old age homes and deaf and dumb.
- 

#### **Department of Biotechnology**

- 10 Lectures for Science Awareness and Career Guidance: College and Schools.
- 3 day workshop for school teachers on Microorganisms
- Dr. B S Sooch acted as State coordinator for Children Science Congress, a programme for Promotion of Science
- Dr. B S Sooch acted as Programme Officer, NSS and organized a 10 day camp on Youth for Sustainable Development.

#### **Department of Sport Science**

Organised 5 extension activities to aware the people for exercise programme and health fitness care.

#### **Department of Punjab Historical Studies**

- Dr. Balwinderjit Kaur Bhatti organized Dr. Ganda Singh Memorial Lecture on 19-9-2012 45<sup>th</sup> Punjab History Conference on March 15-17, 2013 and Sirdar Kapur Singh Memorial Lecture on 9-1-2013.

#### **Department of Advance Centre for Technical Development of Punjabi Language**

- Enhancing online Punjabi Teaching Website.
- Providing Improved Urdu, Hind and Gurmukhi-shahmukhi transliteration facilities and Machine Translation of Punjabi and Hindi Languages

#### **Department of Physiotherapy**

- Department of Physiotherapy offers its services to community by running 3 OPDs in the University; OPD I & OPD II at Health centre and sports OPD for sports players. Department also runs a Geriatric Centre in Patiala city for the benefit of elderly people.
- Other extension activities include:
- Intra and Inter Department extension activities-Teaching inter department –Pharmacy, human biology, law, psychology, sociology, language, environment studies, medicine, biochemistry.
- Intro department-Clinical tie up with Sadhbhawna Hospital, AP Trauma centre,

- DDRC, TB Hospital, Helpage
- Non-Government organizations-Research and Clinical tie up with ISCI and Navjeevani School, Sullar

#### **Department of Baba Farid Sufi Centre**

- Organized Sufi Seminar & Lectures
- One National Seminar: Theme 'Sufism & Society' at Nakodar (Jalandhar) on July, 2012
- One Sufi Lecture: Theme 'Sufism & Nationalism with SAARC at Amritsar on 18 August, 2012
- Television Programme: Telecasted Two special programmes on Baba Farid Sufi Centre on DD Jalandhar & DD Urdu.

#### **Department of Zoology**

- Celebrated Environmental Day and Science day.
- Arranged educational tours, excursion, quiz/debates and sports activity

#### **Department of Philosophy**

- Philosophy Department organized two extension lectures, one by Professor Jagbir Singh, Delhi University and the other by Professor Stefaved Bigliardi (Land University, Denmark)

#### **Department of Punjabi University Neighbourhood Campus Akali Phoola Singh (Mansa) Organised**

- NSS Camp ( 18.1.2013 to 24.1.2013)
- Sports Meet (2.3.2013)
- Blood Donation Camp (24.1.2013)
- Red Ribbon Club established (7.12.2012)
- District Level Workshop by Youth Services Dept (7.12.2012)
- Red Ribbon Club Workshop having 6 students and 1 Nodal officer held at Jasmer Singh Jaji College, Gurne Kalan (10.1.2013)

#### **Department of Punjabi University Neighbourhood Baba Jogi Peer, Ralla (Mansa)**

- Aids Awareness Seminar conducted at Ralla Campus on 01.3.2013
- Two Days Students Educational Trip/Tour Organized on 8.9.2012 and 9.9.2012
- Played Nukar Natak on 21.9.2012
- Guest Lecture on Swami Vivekananda on 19.2.2013

#### **Department of CFSWAS**

- Organised International Conference and Round Table Discussion

#### **Department of Centre for Diaspora Study**

- Extension/Social Responsibility:"The Emerging Indian Diaspora:Some Reflections on Overseas Punjabis" Special Lecture by Dr. Chandershekhhar Bhatt, Professor of Eminence in Sociology, University of Assam, Tezpur (Assam).

#### **Department of Foreign Language**

- Mayank Anand, Assistant Professor in French

- Delivered six extension lectures from 20<sup>th</sup> Feb, 2013 to 22<sup>nd</sup> Feb 2013 in the Dept of Foreign Languages, Kurukshetra University, Kurukshetra.
- Delivered 3 extension lectures at SD college, Ambala/Cantt on 2<sup>nd</sup> Feb, 2013

#### **Department of Public Administration Organized**

- Extension Lecture:02
- National Seminar:01
- Jail Visit for spreading human Rights awareness: 01
- Education Tour:01

#### **Department Distance Education**

- Five Study Centres for extending library facilities, general as well as subject specific Phone Counselling Programmes through AIR/FM Patiala, Publication of the Magazine GYANDOOT for encouraging the students for creative writing, Department Alumni Association.

#### **Department of Professor Harbans Singh Vishavkosh**

- Department organized two Memorial Lectures and One International Seminar on the theme "Spicituo-Ethical Concerns of Religion" to create Socio-Religious Ethical Values in Society.
- Department Faculty participated in the seminars and conferences organized by different universities and colleges. Also participated as volunteer in NGOs.

#### **Department of Guru Gobind Singh Religious Studies**

- Department organized three Educational Tours, two lectures and one seminar.

#### **Department of Gurmat Sangeet Chair**

- Gurmat Sangeet Chair is a research department which is continuously indulged in the Archival recording of Sufi music, Folk music, Classical music and Gurmat Sangeet. This recording has been preserved in Sant Sucha Singh Achieves of Music for researchers, students and Gurmat Sangeet lovers all all over the world. This year, performance of Rimpa Shiva Classical repute Tabla Player has been recorded.

#### **Department of Theatre & Television**

- Department adapted Kashmiri Lal Zakirs novel into play 'Karmwali' by Dr. Navnindra Behl and directed by Dr. Sunita Dhir and Dr. Gurcharan Singh.
- Department organized students production such as 'Karmwali' Khazoor te Atkya' and 'Romeo Juliet' at various shows at the National and International Conferences.

#### **Department of Political Science**

- Extension Lecture: 02
- Workshop:01

#### **Department of Valmiki chair**

- Book 'Valmiki Mahima' and musical C.D. was prepared for Valmiki Samaj.

#### **Department of Law Organized**

- Moot Court Competition

- Legal Awareness Camp at Rural Area
- Jail Visits for students
- Court Visit for students

#### **Department of Journalism**

- Students participated in a workshop organized by Film & Television of India.
- A documentary " Son of Punjab" was selected for Science Film Festival held in Kolkata.
- Organized a National Seminar on 'Social Dimensions of New Media Technologies.
- A National Seminar on 'Reassessing Rural Development through Science Communication'
- A weekly exercise: 'Meet the Budding Journalists' many eminent local and state level personalities were invited to interact with students.
- Ph.D. Scholars Workshop.

## Criterion –IV

### 4.1 Details of enhancement in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	312		Punjabi University, Patiala	312
Class rooms	343	18		361
Laboratories	144	35		179
Seminar Halls	22	08		30
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	Near about 2000 Computers, 43 Printers, 5 Scanners, 5 Projectors, 170 Laptop	455 Computers, 50 Laptops, 30 Projectors, 135 Printers, 30 Scanners and 13 Photostat machines		2455 Computers, 178 Printers, 211 Laptops, 35 Projectors, 35 Scanners
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-		Rs.2,26,17,267
Others	-			

### 4.2 Computerization of Administration and Library

Most of the administrative processes are completed using computers and communication with outer agencies/individuals is done on e-mail, wherever available. The admission process was made online from current session involving form filling, seat allotment, etc. The date sheet and results of examinations are uploaded onto the University Website.

#### 4.3 Library Services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books Reference Books	450564	-	11146	60.98 lac	461710	60.98 lac
e-Books	-	-	215	479755	215	479755
Journals	381 (17 Journals discontinued) Available through UGC-Infonet	30,77,466	-	-	-	30,77,466
e-Journals	UGC-Infonet 10000 Journals Subscribed 146	7,60,734	-	-	-	7,60,734
CD & Video	2859	-	566	-	3424	-

This information is related with different department libraries and YCOE, Talwandi Sabo.

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books Reference Books	79588 12629	24,48,837 629016	257090 382	20,14,631 298735	336678 13011	4463468 927751
Journals	1584	-	34	-	1618	-
e-Journals	-	-	-	-	-	-
Digital Database	91	-	-	-	-	-
CD & Video	24721	3200	75	2000	24796	5200
Others (specify)	1756	-	69	-	1825	-

#### 4.4 Technology Up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	2000 computers	111	All departments and hostel buildings have been covered	05	01	01	All university teaching and research department	According to need, every deptt purchased equipments like AC, Laptop, Fax Machine, printers etc.
Added	355 computers	0		02	0	0		
Total	2355	111		07	01	01		

#### 4.5 Computer, Internet Access, Training to Teachers and Students and any other programme for Technology Up-gradation (Networking, e-Governance etc.)

The Staff Training and Development Cell has imparted computer knowledge and training to university teachers/researchers. Some of the Ph.D students from different departments trained SPSS and MS Excel which are considered quite useful for data analysis in research work. The Cell has also sponsored from time to time teachers from different departments to participate in FDP programmes regarding computer and internet access. Apart from the above, some employees of the University have been provided basic computer training with emphasis upon MS word, internet, etc.

- One day Workshop on "Emerging Trends in Wireless Technology & Mobility Solutions" dated 5.12.2012.
- One day workshop on "Aruba Wireless Solutions for Education Segment" dated 9.12.2012.
- One day Technical Workshop on "Smart Technologies in Education" dated 15.1.2013.
- Computer/Internet Access/Technology upgradation:  
University Computer Centre has made Internet/Browsing Centres available to University teachers and students through 03 Computer Labs having 15 computers each.  
Extension of optical fibre backbone and installation of switches in all departments and administrative buildings have enabled all these departments to set-up their own computer labs/browsing centres.
- The installation of wireless access points (WAPs) in all the buildings has led to the creation of Wi-Fi hot-spots inside University campus enabling students to use internet on laptops and smart phones.
- University has also upgraded its Firewall, core switches and internet bandwidth due to the increase in usage of browsing gadgets by the students.
- Computers, Internet access, training to teachers and students and other programme for technology up-gradation (Networking, e-Governance etc.)

**Department of Electronics & Communication Engg.**

- Internet (LAN) established on every floor of Building in old block and partially available in New Engg. Block.
- Special training is provided to academically weak students.

**School for Social Science**

- To begin with, BA (Honours) Social Sciences curriculum the students are studying two papers of computer science during their entry level semesters so as to quip themselves with the basic knowledge about computer use

**Department of Mechanical Engg.**

- The faculty members are provided with the computer and internet facilities (Wi-Fi/LAN) in their offices.
- The students are provided with the computer and internet (Wi-Fi/LAN) facilities in their hostels and computer labs inside the premises of department
- Statistics
- Department has full fledged computer lab in which internet facility is available where teachers and students can avail the facility. Teachers also have internet connections in their rooms.

**Department of Women Studies**

- Advance Course in Computers for Diploma Students of Women's Studies Centre from August 20 to September 5, 2012.
- Computer Training Programme for Students from Sept 17 to Oct 5, 2012

**Department of Gurmat Sangeet**

Teachers, Staff & Students are using computer & internet services in the department.

**Department of Human Genetics**

- Computers and internet access to the faculty and students already existing

**Department of Pharmaceutical Science and Drug Research**

- Ten Computers with internet facility added for students and every teacher is provided with PC with internet facility.

**Department of Sports Science**

- 08 computers purchased for Lab & Internet facility is available on these computers

**Department of Physiotherapy**

- Computer application and technology subject is included in BPT syllabus and Ph. D program. This provides basic knowledge for computer use.

**Department of Zoology**

A well equipped computer laboratory with internet facilities. All the faculty members have updated computer facility along with latest softwares. Office of the department is along having all the computerized facilities for day to day official activities.



**Department of Punjabi University Neighbourhood Campus Akali Phula Singh Dehla Sehan (Sangrur)**

Broad Band Internet Plan Upgraded

**Department of University Neighbourhood Campus Dera Baba JogiPir, Village Ralla (Mansa)**

Full time internet access to teachers and students is provided

**Department of Public Administration**

Most of Staff members have computer and internet access.

**Department of Distance Education**

All teachers have been provided with computers and internet access. Students are being provided important information regarding PCP Schedule, Examination Dates, Fees Payment Schedule etc. through the departmental website.

**Department of Shri Guru Gobind Singh Religious Studies**

All are already trained.

**Department of Centre for Advanced Media Studies**

A workshop was conducted by the University to enhance the computer knowledge for the technical staff members and two staff members of the department participated in it.

**Department of Library & Information Science**

Yes, Internet area is there in the department and all teachers, students and researcher scholars make use of it.

**Department of Political Science**

Most of staff members have computer and internet access

**Department of Law**

Teachers, Research Scholars and Students are availing the computer and internet facilities.

**Academic Staff College**

Lab with 32 Computers- Wi-Fi Guest House and Smart Class Rooms.

**University Computer Centre**

Video-Conferencing Hall/Room.

4.6	Amount spent on maintenance (in lakhs)	
	ICT and Campus Infrastructure and facilities	Rs. 3,58,72,987
	Equipments	Rs. 61,91,891
	Others	Rs. 4,65,034
	Total	Rs. 4,25,29,912

**Criterion –V**

- 5.1 Contribution of IQAC in enhancing awareness about Student Support Services  
 IQAC through its committee members organizes department/faculty wise seminars for the students at regular intervals to make them aware about student support services.
- 5.2 Efforts made by the institution for tracking the progression  
 It is done through the Annual reports submitted by the departments.
- 5.3 Total Number of students  
 UG=5445  
 PG=23616  
 Ph.D=935  
 Others=502  
 Total=30498  
 No. of students from other States=1029  
 No. of international students=44  
 Men=15978, Women=14520

Last Year 2011-2012						This Year 2012-2013					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
16350	3838	29	2642	116	22975	21895	5184	112	2213	1104	30498

Demand ratio              Dropout%

- 5.4 Details of student support mechanism for coaching for competitive examinations (If any)  
 University level student support mechanism for coaching for various competitive examinations is available at IAS & Allied Services Training Centre, Punjabi University, Patiala.  
 Placement Cell Punjabi University Patiala organised soft skill and communication skill programmes for the students and also overall personality development programmes are organised by this cell to improve the chances of students during campus placements.

No. of students beneficiaries    539

- 5.5 **No. of students qualified in these examinations**  
 NET=130, SET/SLET=02, GATE=88,  
 CAT=08 State PSC=18, UPSC=02, Others=08

- 5.6 Details of student counseling and career guidance  
 With a view to address the specific career counselling and guidance requirements of students from various departments, Placement Cell had proposed to constitute department wise Placement Committees.

No. of students benefitted= 109

## 5.7 Details of Campus Placement

On campus			Off Campus	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed	
11	1186	109	01	

## 5.8 Details of gender sensitization programmes

Department of Women Studies, Punjabi University Patiala organised seminar and Small Skits (Nukkad Nataks) at regular intervals for gender sensitization.

## 5.9 Students Activities

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

In Sports: State/University Level=1283, National Level=186, International Level=12

No. o Students participated in Cultural events

State/University Level=42, National Level=15, International level=55

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

In Sports: State/University Level=775, National Level=186, International Level=12

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

State Level : Gold=04, Silver=01 Bronze=01

North Zone : Gold=03, Silver=02, Bronze=09

National Level : Gold=04, Silver=01, Bronze=01

Apart from participation as artist on stage, our students are involved i n organizing different festivals by the University. A major example is Inter National SAUFEST (South Asian Universities Festival) which was successful organized from 24-28 February 2013 by the department in collaboration with AIU, New Delhi. Students were selected as member of different organizing committees formed by the worthy Vice-Chancellors.

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Student-Aid_Fund	283	12,93,921/-
Post Graduate Scholarship	55	2,79,000/-
University Merit Scholarship	103	4,68,000/-
Handicapped Scholarship	9	43,000/-
Financial support from government		
State Merit Scholarship	38	43,670/-
Post Matric Scholarship	595	1,48,84,361/-
Financial support from other sources		
Guru Harkishan Educational Society	33	85,200/-
NBHM Mumbai	1	72,000/-
Number of students who received International/ National recognitions		

### 5.11 Student organized/initiatives

Our students are involved in organizing different festivals by the University. A major example is Inter National SAUFEST (South Asian Universities Festival)

5.12 No. of social initiatives undertaken by the students =8 Blood donation, Plantation, Cleanliness etc.

5.13 Major grievances of students (if any) redressed

Few of the request made by the students in their feedback are given below

- a Improvement in the Sports Facilities
- b Improvement in the security for girls
- c Better sanitation and drinking water facilities

Above problems of the student were discussed in the meetings of the IQAC and management, and these have been addressed by providing better sports facilities, modern state of the Art Gym, better facilities for Archery.

Mobile lady guard has been introduced for better security for girls.

In hostels and teaching blocks sanitation has been improved and where ever water purifier systems were not there, same have been provided.

## Criterion –VI

### 6.1 State the Vision and Mission of the institution

Basically the Punjabi University, Patiala came into existence with an aim of promoting Punjabi language, art and culture and the development of Punjabi language as a medium of instructions and examination in various fields of study and generally for the promotion of higher education and research.

Besides generation and transmission of knowledge, the Punjabi University Act among others requires the University to make provisions.

- For imparting education in the humanities, sciences, learned professions and such other branches of learning as it may think fit and for research and advancement and dissemination of knowledge.
- To provide for research in Punjabi literature to undertake measures for the development of Punjabi language and to progressively adopt it as a medium of instruction and examination for as many subjects as possible.
- To prepare, translate and publish, and to assist other bodies and individuals in the preparation, translation and publication of books, journals, periodicals and any other material in Punjabi or other languages.
- For the spread of education among classes and communities which are educationally backward.
- For the maintenance of NCC or other similar training corps, physical and military training and students association and sports and athletic clubs.
- Considering the need of the hour, one of the objectives of the University is now also to excel in the areas of Computer Science, Management, Engineering and other professional streams.
- The goals and objectives are given in the University Calendar which is available to the faculty and staff. Also a copy of the University Calendar is kept in the University Library for all including the student, faculty and Head of Departments, Deans of Faculties and senior administrative staff members by holding the meetings of the
  - Faculty members of the departments.
  - The Administrative & Academic Committees of each department.
  - The Boards of Post-graduate & Undergraduate Studies.
  - Heads of Departments and Deans of faculties convened by the Vice-Chancellor from time to time to discuss vital issues.
  - The committees constituted by the Vice –Chancellor on specific issues, statutory committees constituted by the Syndicate and the academic council.

### 6.2 Does the Institution has a management Information System (MIS)

Yes, the University has MIS, which is a piece-meal type of MIS and it is active in the following sections/Departments.

- a) Central Library    b) Central Admission Cell    c) Examination Cell d) Account sections

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

#### 6.3.1 Curriculum Development

In the Last five years, the University has undertaken several measures, which can be labelled as best practices in curricular aspects:

The University has been alive to the fast-changing social and economic scenario. It has introduced several courses such as physiotherapy, biotechnology, bio-informatics, dress designing and tailoring, cosmetology, dietetics, tour and travel management, human genetics, industrial micro-chemistry, insurance business etc.

The University has very liberally promoted the adoption of UGC-sponsored add-on courses which

include interior designing, environmental education, agro-services, rural handicrafts, data-care management, tourism, instrumentation, fashion designing, tax procedures & practices, entrepreneurship & small business, and communication skills.

The University has adopted the semester system in place of the annual system of examination for more effective organization of teaching and evaluation. This includes the introduction of internal assessment on the triple criteria of attendance, testing and assignments/classroom performance.

The syllabi are revised at least once every two years in view of the feedback received from various sources and the changing requirements.

### 6.3.2 Teaching and Learning

- Transparency is maintained in the whole of the admission process. Reservation of seats for differently abled individuals is strictly followed as directed by the State Government.
- The Semester system has been introduced and internal assessment has been made part of the evaluation programme.
- The University has created a placement cell which looks after the placement of all the students of the University. A counselling cell is also established in the department of Psychology.
- Establishment of Neighbourhood Campuses at Bathinda, Talwandi Sabo, SAS Nagar, Malerkotla, Dehradoon, Jaito, Rampura Phul, Jhuneer, Karandi, Sardulgarh, Joga Ralla Dehla Seehan has been a unique innovation which is done for the academic growth of the rural and economically poor sections of the society.
- A unique and innovative way of financing higher education has been introduced in Yadwindra College of Engineering, Talwandi Sabo and Engineering College, Rampura Phul. In these colleges rural students who are economically weaker are admitted and the expenditure of their studies is met through the donors from India and abroad.
- Most of the faculty has been trained in the use of computers, internet and audio visual aids.
- Modern educational technologies in teaching, such as multimedia teaching have been strengthened. Almost all the departments have been provided with computers and internet facilities.

### 6.3.3 Examination and Evaluation

With effect from April/May 2013 the Examination Branch has finally switched over to computerization of the entire work which includes processing of data given by regular student in their Examination Form with the help of Email / CD received from particular college which help in preparing Cutlist as fast as possible. One more thing we have implemented is single roll number for Nov. (odd Semester) & May (Even Semester) Examination with in year which saves time for preparing cutlist and lots of paper work.

Internal Assessment of Students is received by Email / CD from particular College

Scanning of the awards from Answer sheet given by the examiners after evaluating the answer books and finally preparation and declaration of the result with the help of scanner and software.

The Detail (subject wise) result of all examination are displayed in University website ([www.punjabiversity.ac.in](http://www.punjabiversity.ac.in))

Culist / Roll number of every university examination is also put on website before start of the examination.

Date-sheet of every university examination is also on website before examination start.

Merit List declared by University is also available on University website

News and Press Release regarding Examination is also available on University website.

With regard to conduct of university examination, Exam. Duty Roster and Panel is sent through email to particular person / Principal / HOD.

To strengthen the invigilation at examination centres, more Flying Squads are sent every session. This has helped in preventing the use of any kind of unfair means to greater extent. Time-Table for evaluation process is prepared in advance and entire evaluation process is completed within 4 weeks from date of termination of examination to complete the result forthwith. For this purpose, centralized evaluation centres are set up every year. The Gazette Notifications of the all results and DMCs are prepared / printed on computer. Increasing infrastructure of Computer Lab's by adding new Computers, Scanners, Printers and well trained staff.

#### 6.3.4 Research and Development

Teaching and Research are the twin pillars on which universities earn their reputation. Punjabi University is deeply committed to both these academic activities. Research is a very significant activity of Punjabi University. Research at the University is of demonstrable social and economic value to our region and to India.

Strategies:

- In addition to the University's strategies, specific research strategies to improve faculty participation in research include:
- Regular Research Seminars
- Consultation with the local community to establish linkages
- Presentation of data regarding the status of research before the faculty in BPSAR & Research Award Committee meetings.
- Publication of information about Research Projects granted to the University faculty and information about funding support for research activities.
- Research training workshops for staff
- Awards for recognizing outstanding research work excellence (Syndicate honours faculty members for their contributions)

#### 6.3.5 Library, ICT and physical infrastructure/ instrumentation

The library is Wi-Fi enabled building and CCTV cameras are also installed at many places. The following processes in the library have been computerized:-

- Ordering, receiving and accessioning of books
- Cataloguing of Books
- Preparation of various Catalogues
- Bar Coding of books
- Membership record
- Issue/Return of books
- All the books since 1996 have been computerized
- Most of the books earlier to 1996 have been computerized and remaining are in process also
- Subscription of Journals (Since 1992)
- Subscription of e-journals/databases (UGC-Infonet and INDEST consortium, INFLIBNET and DELNET membership)
- Online Public Access Catalogue for users
- List of New Additions (Since 1992) (Quarterly)
- List of Periodicals Received This Month (Since 1994) (Monthly)
- Punjab Press Index (Since 1994) (Monthly)
- RFID technology has been implemented for the Circulation and security of books

No. of Computers: 50	Scanners: 02	Bar Code Scanners: 04
Laser Printers :10	3-in-One:01	Laptop: 01
Book Drop machine (RFID) -01	Self Check out (RFID-01)	Security Gates-01
Internet/Digital/Computer Access Lab-01	OPAC terminals: at different floors	

#### 6.3.6 Human Resource Management

Keeping in mind the scarcity of funds, Human Resources are managed effectively through the meeting of the management with the heads of the departments/sections. On need basis time to time the staff is moved from one department/section to another to make effective utilization of human resources.

#### 6.3.7 Faculty and Staff Recruitment

University has a Recruitment Cell for recruitment of teaching and non-teaching staff. Based on the demand from various department/sections, budgetary allocation are made in the annual budget and recruitment is made as per the set procedure approved by Competent Bodies.

#### 6.3.8 Industry Interaction / Collaboration

The continuous interaction with the Industries is maintained through the Placement cell, by inviting the industry people in the departments, in various conferences, in meetings where we feel that their experience will be helpful to us.

Also from many of the departments students are send to the industry for projects and hand on experience of the industrial processes.

The faculty is encouraged to do the projects in collaboration with the industry.

#### 6.3.9 Admission of Students

For many of the departments the admission process right from the calling of applications to the allotment of seats have been made online. This has made the system more transparent and more convenient for the candidates seeking admissions in Punjabi University

#### 6.4 Welfare schemes available for teaching and non-teaching staff

The University provides its staffers with a number of welfare schemes which benefit not only its employees ,but their families as well. The schemes touch some very important aspects of human life like education, finance ,health care, transport, security, child care and recreation. The University 's Senior Secondary School provides affordable education to the children of a large number of University Employees. The Bhai Ghanaiya Health Centre is well-equipped to cater to all general and emergency medical services with a 24X7 Ambulance facility. It is providing health facility to 5000 employees including their immediate family members. The Physiotherapy Unit has been actively involved in providing services to the employees and their families. The University has a fitness centre which is well-equipped with latest state- of –art fitness machines. The University has a crèche facility which is being highly utilized especially by the female employees of the University. The University also provides transport facility to its employees and their families. Besides this University houses a branch of State Bank of Patiala which provides immense convenience regarding day to day financial transactions of the employees and their families. The University also provides a Group Insurance and Loan facility to its employees. The University's Holiday Home schemes provides an ambient atmosphere in the lap of nature for relaxation and rejuvenation. The University is especially committed for the security of women employees. University Campus is being



monitored by CCTV cameras and mobile surveillance by lady police. Also Sexual Harassment Cell looks into any complaints related to gender -based offenses. The Ladies Club organizes summer camps for the children of the employees providing training to them in art, music and other recreational events.

6.5 Total corpus fund generated : Rs. 2,63,15,93,764

6.6 Whether annual financial audit has been done Yes

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

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

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

With effect from April/May 2013 the Examination Branch has finally switched over to computerization of the entire work which includes processing of data given by regular student in their Examination Form with the help of Email / CD received from particular college which help in preparing Cutlist as fast as possible. One more thing we have implemented is single roll number for Nov. (odd Semester) & May (Even Semester) Examination with in year which saves time for preparing cutlist and lots of paper work.

Internal Assessment of Students is received by Email / CD from particular College

Scanning of the awards from Answer sheet given by the examiners after evaluating the answer books and finally preparation and declaration of the result with the help of scanner and software.

The Detail (subject wise) result of all examination are displayed in University website ([www.punjabiversity.ac.in](http://www.punjabiversity.ac.in)) Cutlist / Roll number of every university examination is also put on website before start of the examination.

Date-sheet of every university examination is also on website before examination start.

Merit List declared by University is also available on University website

News and Press Release regarding Examination is also available on University website.

With regard to conduct of university examination, Exam. Duty Roster and Panel is sent through email to particular person / Principal / HOD.

To strengthen the invigilation at examination centres, more Flying Squads are sent every session.

This has helped in preventing the use of any kind of unfair means to greater extent.

Time-Table for evaluation process is prepared in advance and entire evaluation process is completed within 4 weeks from date of termination of examination to complete the result forthwith. For this purpose, centralized evaluation centres are set up every year.

The Gazette Notifications of the all results and DMCs are prepared / printed on computer.

Increasing infrastructure of Computer Lab's by adding new Computers, Scanners, Printers and well trained staff.

6.10 What efforts are made by the University to promote autonomy in the affiliated/ constituent colleges? University encourage and guide to colleges to start new courses, department as per need of the Society. Also to have participative approach in management.

6.11 Activities and support from the Alumni Association

Atleast once in a year, meeting of the Alumni Association is held. Pass out students are allowed to interact with the current students so that the students studying presently can be benefited from the experience of the pass students. In some cases, well settled students provide financial support to the economically weaker students presently studying in the University.

6.12 Activities and support from the Parent-Teacher Association

We don't have Parent-Teacher Association but we encourage the parent to visit the department, in which their ward is studying, on regular basis to get feedback about their children and also to give their valuable feedback to the Head of the department for further improvements in the department.

6.13 Development programmes for support staff

Staff is provided with the library facilities for their development. Computer centre runs short term training programs for the use of computers in the discharge of their duties. University has made a provision for special allowance to administrative staff who complete their computer training successfully. The teaching staff is also encouraged to attend short term programs conducted by other organisations which may help them in improving their knowledge. Also different departments conduct refresher courses, seminars and conferences which help in the development of teaching staff. IT Company Infosys trains the faculty of Engineering and Computer Science for conducting campus connect programs for the students. The employees are encouraged to go for short-term computer courses, three-year degree courses Law evening, Certificate in Yoga, and Diplomas and Certificate in French and German. In addition, the confirmed employees can avail the benefit of the courses available in the Department of Correspondence Courses with special incentives.

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

The NSS organize cleanliness Camps on regular basis.

Plantation in the University carried out periodically on need basis to keep campus green

The polythene bags and smoking in the campus is banned.

For irrigation instead of the fresh water, the drainage water is used after treatment

## Criterion –VII

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

- Partial automation of examination system has been carried out during the academic year 2012-13 (like Registration process, preparation of final result).
- The admission process is made centralised and it is fully automated. Applications are invited through online process and allotment of seats are also done centralised. Software for same is designed and developed in house without any help of external experts.
- Sophisticated instruments centre established in the past to cater the research needs of science and engineering departments has been further strengthened to have more research facilities. Wi-Fi facilities in some hostels
- To meet the challenges of 21<sup>st</sup> century, Punjabi University has anticipated that no language can develop and survive without technical development. Keeping this in view, Punjabi University, which has one of its primary goals of development of Punjabi language has established an Advanced Centre for Technical Development of Punjabi Language, Literature & Culture on Mother Tongue's day 21<sup>st</sup> Feb 2004. With the establishment of this centre, Punjabi University became the first University in the world to set up such a Centre. In a short period of its **establishment** many path breaking technologies have been developed by the staff of the centre and research students, which have simplified usage of Punjabi on computers and helped in bringing together the Punjabi community by breaking the script and language barriers. Some of the innovative technologies developed in 2012-13 are:

### **An Intelligent Bilingual Legacy to Unicode Font Convertor (<http://fc.learnpunjabi.org>)**

For the first time, an intelligent legacy to Unicode font convertor has been developed which uses statistical techniques to automatically detect font of any Punjabi and Hindi text and convert the text to Unicode. This utility is also very useful to convert **any** PDF file to Unicode or to convert text encoded in any unknown font to Unicode. This is first time that any such utility has been developed for any Indian language.

### **Machine Translation (<http://h2p.learnpunjabi.org>)**

A statistical Hindi-Punjabi machine translation system has been developed. The system can translate any Hindi text to Punjabi with a very high accuracy and has been provided online for free usage. This is the first machine translation system developed for Indian language pairs which can convert the text from Hindi to Punjabi using statistical techniques.

### **Optical Character Recognition (OCR)**

For the first time, a high accuracy multi-font bilingual Gurmukhi/English OCR has been developed which can recognize both Gurmukhi and English text printed in any font with more than 97% recognition accuracy at character level. This is the first bilingual OCR for any Indian language

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

- a Improving in sanitation work, security for girls, Women anti-harassment cell started a toll free number for females.
- b Following new courses started in different departments.

Punjabi University T.P.D. Malwa College, Rampura Phul-Mehraj	B.Sc. (Mathematics, Computer Application and Management), M.A. (History), M.A. (Punjabi), B.P.Ed. (one year course) and M.C.A.
Punjabi University Neighbourhood Campus, Karandi (Mansa)	B.Sc. (Computer, Statistics and Mathematics)
Punjabi University Guru Kashi College, Damdma Sahib (Bathinda)	Five year M.Com (Hons. School-FYIC), B.Sc. Agriculture (four years) (After 10+2) and M.A. (Punjabi)
Punjabi University Neighbourhood Campus, Jaito (Faridkot)	M.C.A.
Punjabi University Baba Dhyani Dass Neighbourhood Campus, Jhunir (Mansa)	B.C.A.
Punjabi University Akali Phula Singh Neighbourhood Campus, Dehla Sehan (Sangrur)	M.C.A.
Distance Education	M.A. (Public Administration)
Sociology & Social Anthropology	PG Diploma in Social Impact Assessment (one year)
Women's Studies Centre	M.A. Women Studies
Physical Education	M.Phil
Centre for Advanced Media Studies	Advanced Diploma in Multimedia Applications
Botany	M.Sc. Hons in Botany (Five year Integrated Course) (After 10+2)
Yadwindra College of Engineering	B.Tech. (Civil Engg.) and B.Tech. (Petro Engg.)
Punjabi University Campus, Mour (Bathinda)	B.Com.
University College, Moonak, Sangrur	B.B.A.
Distance Education	Certificate course in Sanskrit (one year course)
School of Social Sciences established in the University	Bachelor of Social Sciences (Hon's School)
Nawab Sher Mohd. Khan Institute of Advanced Studies, Malerkotla	M.Sc. (I.T.) Lateral Entry course)

- c Reforms in Examination system as given in 6.9
- d Reforms in Admission process to make it more ICT enabled and convenient for candidates.

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

- Free Education, Boarding and lodging for outstanding sports students. (Five Seats in each course)
- Free education for economically weaker students. (60 seats in each branch of B.Tech 6 year

( admission after 10<sup>th</sup> class) programmes run by Yadvindra College of Engineering, Talwandi Sabo and 8 percent seats in each of the other programmes run by the university )

- Opening of new Neighbourhood campuses in remote and rural areas so that access to education can be provided to those who have deprived of it.

7.4 Contribution to environmental awareness / protection

Faculty of the Department of Botany is actively contributing towards environmental awareness and protection. The main points of interest are:-

**Environmental awareness:** All the staff members are actively involved in generating awareness about the environmental concerns in the students of Schools, Colleges and Universities visiting the Botanical Gardens, Plant Conservatory, Museum, Herbarium and Botanical Photo-gallery.

**Protection of Biodiversity:** The Department regularly conducts survey with a view to identify the endangered and threatened plants and conserve them in the Plant conservatory established in an area of about 10 hectares just adjoining the Botanical Garden.

The Department exchanges plant wealth in the form of seeds, seedlings and cutting with different Institutions with a view to promote conservation and protection of important plants which are the vital components of our environment.

**Teaching of subject:** Besides the Department has introduced full fledged papers on Biodiversity and Environment and Plant Natural Resources, Conservation and Sustainable Development at undergraduate and postgraduate level so as to sensitize the students about environmental concerns and protection.

In all the Under Graduate Programmes of the University, a course on environmental studies and road safety is introduced which is compulsory for all.

7.5 Whether environmental audit was conducted? No

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

## 8. Plans of institution for next year

The following new courses in various Teaching Departments of the University have been proposed for the next academic year i.e. 2013-14:-

Sr. No.	Name of the Department/Centre	Name of the Course
1	Punjabi University T.P.D. Malwa College, Rampuraphul-Mehraj	B.Sc. (Non Medical)
2	Education and Community Services	Post Graduate Certificate Course in Teaching Proficiency Post Graduate Diploma in Higher Education for Foreign Students.
3	Centre for Advanced Media Studies	Post Graduate Diploma in Graphics, Animation and Special Effects.
4	Sri Guru Gobind Singh Religious Studies	Add-on Certificate Course on World Religious Granth.
5	Tourism, Hospitality and Hotel Management	B.Sc. Air lines, Tourism and Hospitality

(ii) Proposal for setting up of Public Grievances Redressal Cell in the University,

Dr. J.S. Pasricha,  
Professor,  
Department of Commerce,  
Punjabi University, Patiala.

Dr. Jaspal Singh  
Vice Chancellor,  
Punjabi University, Patiala.

Signature of the Director, IQAC

Signature of the Chairperson, IQAC

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