

ANNUAL QUALITY ASSURANCE REPORT 2016-17



Submitted

to

NAAC



PUNJABI UNIVERSITY PATIALA

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Annual Quality Assurance Report (AQAR) 2016-17

Part-A

1 Details of the Institution

1.1	Name of the Institution	Punjabi University Patiala
1.2	Address Line 1	Punjabi University Patiala
	City/Town	Patiala
	State	Punjab
	Pin Code	147002
	Institution e-mail address	vc@pbi.ac.in
	Contact Nos.	0175-3046001, 6002,6003,6030,6310
	Name of the Head of the Institution	Dr. B.S.Ghuman
	Tel. No. with STD Code	0175-3046001
	Mobile	98159-42534
	Name of the IQAC Co-ordinator	Dr. Manjeet Singh Patterh
	Mobile	98159-87703
	IQAC e-mail address	iqacell@gmail.com
1.3	NAAC Track ID	PBUNGN10035
1.4	NAAC Executive Committee No. and Date	F.19.26/EC(SC-12)/DO/2016/1.3 Dated 19.02.2016
1.5	Website address	punjabiuniversity.ac.in
	Web-link of the AQAR	http://www.punjabiuniversity.ac.in/Pages/Page.aspx?dsenc=IQAC

1.6 Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	Five Star		2002	2002-2007
2	2 nd Cycle	A	3.11	2008	2008-2013
3	3 rd Cycle	A	3.34	2016	2016-2023

1.7 *Date of Establishment of IQAC* 01-08-1999

1.8 *AQAR for the year* 2016-2017

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

AQAR 2015-16 submitted to NAAC on 24.03.2017

1.10 *Institutional Status:* State University

University	State
Type of Institution	Co-education Semi-Urban
Financial Status	Grant in aid, UGC 2(f) and UGC 12 (b)

1.11 *Type of Faculty /Programme* Faculty of Life Sciences
Faculty of Physical Sciences
Faculty of Medicine
Faculty of Engineering & Technology
Faculty of Business Studies
Faculty of Law
Faculty of Social Sciences
Faculty of Languages
Faculty of Education & Information Sciences
Faculty of Arts and Culture
Faculty of Computing Science

1.12 *Name of the Affiliating University (for the Colleges):* NA

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

Autonomy by State Govt.	Yes
UGC-CPE	-
DST Star Scheme	-
UGC-CE	-
UGC-Special Assistance Programme	08
CAS	02
DST-FIST	05
UGC-Innovative PG programmes	-
Any other (Specify)	UGC-BSR=06 UGC-IPLS=03 DST-SSTP=01 ASP=01
UGC-COP Programmes	-

2. IQAC Composition and Activities

2.1	<i>No. of Teachers</i>	23 (1 Alumni)
2.2	<i>No. of Administrative/Technical staff</i>	02
2.3	<i>No. of Students</i>	00
2.4	<i>No. of Management Representatives</i>	01
2.5	<i>No. of Alumni</i>	01
2.6	<i>No. of any other stakeholder and community representatives</i>	00
2.7	<i>No. of Employers/ Industrialists</i>	00
2.8	<i>No. of other External Experts</i>	02
2.9	<i>Total No. of members</i>	25
2.10	<i>No. of IQAC meetings held</i>	03
2.11	<i>No. of meetings with various stakeholders</i>	01
2.12	<i>Has IQAC received any funding from UGC during the year? if Yes, mention the amount</i>	No
2.13	<i>Seminars and Conferences (only quality related)</i>	

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

Total Nos.	02	International	00	National	00	State	00	Institution Level	02
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- (ii) Themes
- (i) Choice Based Credit System (CBCS)
(ii) Academic Audit & SWAYAM-MOOC

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

- IQAC organized One Seminar on Choice Based Credit System (CBCS) on 09.02.17 and organized One Interactive Session on Academic Audit and SWAYAM-MOOC on 03.03.17.
- On the initiative of IQAC all the department have adopted CBCS and half of the departments introduced SWAYAM-MOOC in their schemes
- Based on the feedback from various departments/colleges/institutions/stakeholders and also keeping in mind the current trends in the education and demands, some of the other contributions made by the IQAC related to New Programs/CBCS/Conferences/Swachh Bharat Swasth Bharat Scheme are given in para 2.15.

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*:

* Attach the Academic Calendar of the year as Annexure

(a) Programmes: New programmes started as per the details below:

UG = 1, PG=2, PG Diploma=1, Certificate=04

(b) Conferences:

Sr. No.	Plan of Action		Achievements
	Type of Conferences	Number of Conferences to be organized	Number of Conferences Organized
1	International Conferences	10	10
2	National Conferences	31	31
3	State Conferences	02	02
4	University Conferences	05	05

(c) Others

Sr. No.	Plan of Action	Action Taken
1	Organization of 200 extension activities at university & college level are planned.	University has organized 196 Social and Extension activities at University, State and college level. Total 20,173 students participated. The details are given in criterion III at 3.25.
2.	Plans for organization of various Inter-university, Inter-college and Intra-university sports events.	University organized number of Inter-university, Inter-college and Intra-university sports events. The medals won by the students are given in Criterion-V at 5.9.

3.	Plans of organization of various Inter-university & Intra-university Cultural Events.	University organized number of Inter-university and Intra-university Cultural Events. The medals won by the students are given in Criterion-V at 5.9.
4.	Organization of One Seminar and One Interactive Session	IQAC organized One Seminar on Choice Based Credit System (CBCS) on dated 9.2.17. Organized One Interactive Session on Academic Audit and SWAYAM-MOOC on 3.3.17.
5.	Implementation of CBCS in the left out department and MOOC in all departments.	On the initiative of IQAC all the department have adopted CBCS and half of the departments introduced SWAYAM-MOOC in their schemes.
6.	Organization of Earth Day, Science Day, Engineer's Day, Independence Day, Republic Day, Gandhi Jayanti (Swachh Bharat Abhiyan) and many more.	University organized all the events as per the plan of action.

*** Academic Calendar of Session 2016-17**

1.	Opening of Teaching Departments	11.07.2016
2.	Summer Break	30.05.2016 to 08.07.2016
3.	First Semester	18.7.2016 to 21.11.2016
4.	Examination of I st Semester	01.12.2016 to 15.12.2016
5.	Winter Break	26.12.2016 to 05.01.2017
6.	Second Semester	08.01.2017 to 28.04.2017
7.	Examination of 2 nd Semester	05.05.2017

2.16	<i>Whether the AQAR was placed in a statutory body</i>	Yes, Placed in Advisory Committee Punjabi University Patiala. It was cleared with minor changes and clarifications.
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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	50	Nil	Nil	50
UG	37+1*	01	Nil	08
PG	80+1*	02	Nil	08
PG Diploma	21	01	Nil	02
Advanced Diploma	02	Nil	Nil	0
Diploma	15	Nil	Nil	0
Certificate	21	04	Nil	02
Others	4+3*	Nil	Nil	0
Total	234	08		

* On-line Course in the Gurmat Sangeet Department:-

- UG Course- B.A. with Gurmat Sangeet Subject
- PG Court- M.A. On-line Course
- Other- Three Courses – Diploma in Punjabi, Gurmat Gyan Elementary Course and Elementary Course in Punjabi.

1.2 (i) Flexibility of the Curriculum:

University provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in.

Punjabi University has adopted Choice Based Credit System. The teaching scheme includes Core, department Electives and Open Electives.

In addition to above some of the departments also offer Skill enhancement and foundation courses to the students.

Some of the departments also offer integrated programmes with exit in between.

(ii) Pattern of the Programmes:

Pattern	No. of Programmes
Semester	207
Trimester	Nil
Annual	27

1.3 Feedback from stakeholders*
(on all aspects)

Alumni	✓	Parents	✓	Employers	✓	Students	✓
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Mode of Feedback : Online Manual Co-operating schools (for PEI)

Yes, the feedback is taken from the stakeholders by the university and departments. Some of the departments have mechanism of formal system of feedback and in some of the departments feedback is taken informally. These feedbacks are related to curricular aspects, teaching learning process, research facilities, infrastructure and learning resources, students support services, general facilities, campus environment, examination system, admission system, etc.

Feedbacks so received are discussed in the meetings of concerned committees and the appropriate suggestions/comments are considered for further necessary action.

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

Every department undergoes for major revision/update of regulation or syllabi once within 2 to 3 years. It is mandatory for the departments to have meeting of board of studies atleast once in a year.

Some of the salient aspects are as given below:

- The syllabus of various courses taught at UG and PG levels are updated from time to time based on the feedback of students, alumni, suggestions of the faculty members, resource persons from industries, academic and research institutions and external experts having representations on various University bodies, such as Boards of Studies, the Academic Council, Boards of Post-Graduate Studies & Research and the Faculties etc. The purpose of curriculum revision is in line with the changing demands of the society, various industrial sectors and research organizations. The updation is carried out to make the academic programmes more specific, meaningful and to enhance employability of the students.
- In many of the departments
 - More elective subjects are added.
 - New Core subjects are introduced in place of non-relevant or obsolete subjects.
 - Students are encouraged and made aware about SWAYAM & Open Electives.
 - List of Open electives is updated.
 - Content of many subjects are modified.
 - Some value added subjects on drug abuse, Yoga etc. are introduced.
- Introduced mid-term review of research projects to be submitted by the students of M.Phil.

- Introduced time bound submissions of the research work carried out by the students.
- There has been extensive updation of the Postgraduate Syllabi keeping in mind the needs and requirements of the UGC-NET syllabus. Besides, the purpose has also been to enable the learners to weave theoretical developments with the actual reading of literary texts, thereby reducing the hiatus between theory and practice.

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

No

Criterion-II

2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent faculty

Total	Assistant Prof.	Associate Prof.	Professor	Others
634	432	51	151	-

2.2 No. of permanent faculty with Ph.D. 482

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

Asstt. Professor		Associate Professor		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
303	253	24	89	77	71	0	0	404	413

2.4 No. of Guest and Visiting Faculty and Temporary faculty

No. of Guest Faculty	No. of Visiting Faculty	No. of Temporary Faculty
340	21	87

2.5 Faculty participation in conferences and symposia

No. of Faculty	International Level	National Level	State Level
Attended	217	410	89
Presented Papers	307	373	39
Resource Persons	54	187	64

2.6 Innovative process adopted by the Institution in Teaching and Learning

The innovative processes adopted by the institution in teaching and learning are:

- Use of Case Study in teaching
- Practical Assignment
- Industrial Training
- Project Report
- Dissertation work
- Class Discussion
- Summer Training
- Role Plays
- Training Games
- Quizzes
- Educational & Field tours, seminars and tutorials
- Moot Courts

- Printed Study Material
- Audio-Video Lessons
- Power Point Presentations
- Response sheets/Assignments
- Personal Counselling
- Films/Documentaries
- Visits of students to concerned organizations/Labs/Institutes/Industries.

In some of the departments some specific kinds of innovative processes adopted are:

- Online teaching programmes through:
 - gurmatgyanonline@pup.com
 - Punjabipaedia
 - National Programme on Technology Enhanced Learning (NPTEL)
 - SWAYAM-MOOC
 - Centre for Advanced Media Studies Punjabi University Patiala
 - Industry/R&D based real time problems during their dissertation work towards the final semester of M.Tech. Programme. Most of the PG students carry out their dissertation work in collaboration with industries/R&D.

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

170 days

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

Punjabi University has adopted Coding/Decoding, Double Evaluation and Table marking. Photocopy of answer sheets issued to students on demand.

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

Board of study	Faculty	Curriculum Development/ Workshop
275	254	76

2.10 Average percentage of attendance of students

82%

2.11 *Course/Programme wise distribution of pass percentage*

	Total Students appeared	Division (Average % of all programmes)				
		Distinction %	I %	II %	III %	Pass %
All Programmes	17692	19.25134986	71.72225751	18.28070475	3.328362779	93.33132503

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

IQAC evaluate Teaching and Learning process through Administrative Committees of Departments (ACDs), Annual Quality Assurance Reports (AQARs), Annual Reports and the Academic Audit Reports.

2.13 *Initiatives undertaken towards faculty development*

Faculty / Staff Development Programmes	Number of Faculty Benefitted
Refresher courses/HRD Programmes	273
UGC – Faculty Improvement Programme	04
Orientation Programmes/HRD Programmes	155
Faculty exchange programme	13
Staff training conducted by the university	14
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	159
Others	62

University Computer Centre is taken as the facilitation centre for the ‘C’ class employees to be promoted as a Clerk after five years/eight years of the regular service on successfully taking a typing test in English and/or Punjabi. University Computer Centre is also taken as facilitation centre to the persons employed on compassionate grounds to undertake one month training on using office automation tools or for the preparation of typing test. In total three (03) such training sessions were held in the University Computer Centre from 1-7-2016 to 30-6-2017.

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	1847	692	56	230
Technical Staff	548	231	10	26

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.
- Conduct of workshops on Research Methodology.
- Conduct of Seminars on "General and Legal Aspects of Filing and Maintaining IPR" by University.

3.2 *Details regarding major Projects*

	Completed	Ongoing	Sanctioned	Submitted
Number	09	28	03	06
Outlay in Rs. Lakhs	1,86,34,603	4,72,96,980	41,83,900	1,49,47,070

3.3 *Details regarding minor Projects*

	Completed	Ongoing	Sanctioned	Submitted
Number	06	07	06	04
Outlay in Rs. Lakhs	10,60,770	6,14,000	1,95,000	1,10,000

3.4 *Details on research publications*

	International	National	Others
Peer Review Journals	875	248	2
Non-Peer Review Journals	26	39	6
e-Journals	59	9	0
Conference proceedings	133	39	6

3.5 *Details on Impact Factor of publication*

Range	Average	h-index	Nos. in SCOPUS
0.02 - 38.618	.511 - 3.9	1-179	106

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013-19	UGC, ICSSR, SERB, DST, UGC, DBT, ICAR (NASF), ICMR, PSEB, MOEF & DST, HRD	14,35,34,574	2,56,64,443
Minor Projects	2016-17	UGC, SCSR	3,00,000	2,00,000
Interdisciplinary Projects		ICAR (NASF)	15,84,080	6,08,898
Industry Sponsored		Punjab Agro Juices Ltd.	23,02,000	23,02,000
Projects sponsored by the University/College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other (Specify)	2016-17	DST SERB, ICHR, UGC-MHRD, Dayalbagh Educational Institute Agra, Sarbat Da Bhala Chairtable Trust	25,75,000	18,55,000
Total			15,02,95,654	3,06,30,341

3.7 No. of Books published

- i) With ISBN No. Chapters in Edited Books
- ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-CAS	UGC-SAP	DST-FIST	DST-SSTP	ASP	UGC-IPLS	UGC-BSR
2	8	5	1	1	03	06

3.9 For Colleges N.A.

3.10 Revenue generated through consultancy

Total Revenue generated = Rs. 20,72,275/-

Legal Services Clinic of the Department of Law is engaged in Free Legal Aid and Legal Literacy particularly in Slums, Rural Areas, and Jails etc. Department does not charge any fee.

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
University Deptts./Regional Centres/Neighbourhood Campus/Distance Education	10	31	2	5	3
Sponsoring agencies	Punjabi University Patiala, CIPT New Delhi, UGC, DST, ICHR, ICSSR, Punjab Government, Dr. Balbir Singh Sahitya Kenra, Dehradun, Healing Hand Society of Department of Physiotherapy, Endowment Fund from the Family, Sarbat Da Bhala Chairtable Trust.				

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

No. of faculty served as	Experts	Chairpersons	Resource Persons
	275	168	314

3.13 No. of collaborations

International National Any other

3.14 No. of linkages created during this year

16

3.15 Total budget for research for current year in lakhs:

From Funding Agency	From Management of University	Total
34,86,02,128/-	75,73,552/-	35,61,75,680/-

3.16 No. of patents received this year

	Applied	Granted
National	2	1

3.17 No. of research awards/recognitions received by faculty and research fellows of the institute in the year

Sr. No.		International	National	State	University	Total
i)	No. of Research Awards/recognitions received by Faculty	12	16	2	1	31
ii)	No. of Research Awards/recognitions received by Research Fellows	4	8	1	6	19

3.18 *No. of faculty from the Institution who are Ph.D Guides and students registered under them*

<i>No. of Ph.D. Guides</i>	<i>No. of Students registered under them from 1.7.2016 to 30.6.2017</i>
131	160

3.19 *No. of Ph.D. awarded by faculty from the Institution* 282

3.20 *No. of Research Scholars receiving the Fellowships (Newly enrolled +existing ones)*

JRF	SRF	Project Fellow	Doctoral Fellows
77	170	54	22

3.21 *No. of students Participated in NSS events*

University Level 1850 State Level 40 National Level 37

3.22 *No. of students participated in NCC events* N.A.

3.23 *No. of Awards won in NSS*

University Level 43 State Level 1 National Level 2

3.24 *No. of Awards won in NCC* N.A.

3.25 *No. of Extension activities organized*

- (i) **University Department of National Service Scheme (NSS)** organized 196 Extension activities. The detail of activities is under below:

University Forum	College Forum	NSS	Any Other
28	20	196	42

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

- Gurmat Sangeet Chair initiated and organising annual academic program Gurmat Sangeet Utsav - A Sikh Music Festival (since 2003), Gurmat Sangeet Competition (since 2006), Rababi Bhai Mardana Classical Music Festival (since 2008) and Sunad - A Monthly Classical Music Program (since 2010).
- 08 Gurmat Gyan Online Study Centres have been established in various countries till now for the online teaching of Gurmukhi, Gurmat Studies and especially Gurmat Sangeet. In 2016, Gurmat Gyan Online Studies Centre, Milpitas was established in USA.
- Gurmat Gyan Online Study Centre initiated the basic course i.e. Gurmat Gyan Elementary Course which is free of cost for the students in India and abroad.
- Gurmat Gyan Online Study Centre initiated an audio-visual Shabad Keertan Self Learning Program on the Departmental Website www.gurmatgyanonlinepup.com from which anyone can learn 31 Raags of Sri Guru Granth Sahib.
- Free counselling by Psychology department for the Public.
- Free or at low rate consultancy by Physiotherapy department for the public.
- **Women Studies Centres:**
 - Gender Sensitization of Police Personnel and students of University and affiliated colleges.
 - Gender Sensitization Workshop at Punjab Police Academy Phillaur. (26.08.16)
 - Gender Sensitization Workshop at Police Recruitment Training Centre, Chandigarh (26.10.16)
 - Gender Sensitization Workshop at Lady Fatima School (26-27 Feb. 2016).
 - Gender Sensitization Workshop at Punjab State Power Corporation Limited Women Day (8.3.17)
 - Gender Sensitization Workshop at Mata Sundri Girls College Mansa (15.3.17)
 - Gender Sensitization Workshop at Punjab School of Law (15.2.17)
 - Development of Village Akalgarh and providing Computer and Beautician training to village's girls and women.
- Learning through Punjabi Pedia.
- Nukkad Natak in villages and around on Social issues like dowry, Female Foeticide, Drug Abuse, etc.
- Blood Donation Camps.
- Cleanliness Drives and Plantation by NSS.

Criterion –IV

4. Infrastructure and Learning Resources

4.1 Details of enhancement in infrastructure facilities

(i)

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	316 Acre	-	PUP,	316 Acre
Class rooms	315	4	UGC-SAP,	319
Laboratories	222	1	CAS,	223
Seminar Halls	39	1	DST-FIST,	40
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	AICTE-CSIR, DST, PTA Fund,	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	28501751	Departmental Fund	-

(ii) Details of other new infrastructure facilities:

Sr. No.	Name of Building	Covered Area	Completion Date	Cost & Source of Fund
1	Construction of Fitness Centre with Sports Science back up at Punjabi University, Patiala.	3x71'-0"x81'-0" = 17253 Sqft.	under progress	Estimated Cost 2.10 Crore (UGC Grant)

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 involving form filling, interview schedule, etc. The date sheet and results of examinations are uploaded on the University Website.

- University Computer Centre is playing a pivotal role in developing in-house online admission platform. This application is equipped enough to handle online admissions, conducting entrance examinations, online counselling's, OCR based result preparation, SMS alerts by integrating SMS gateways, online fees collection by integrating payment gateways. Hostels, Security Officer, Departments, I-card issuance, Main-Library etc, are now using the centralised database repository. The overall objective is to enhance good governance characterised by transparency, accountability and simplicity.
- University Computer Centre is also taken as facilitator to provide roadmap for the computerisation of Examination Branch, Publication Bureau, Research Branch, Syndicate and Meetings Section, Establishment Branch, Accounts

Branch, Post Matric scholarship scheme for SC/ BC students, Prevention of Women Harassment Cell etc.

- Managing mail server using free Google Apps Services for educational facilities. Administration, Faculty Members and Research Scholars are using the facility.
- Providing technical support to Chief Security Officer in up keeping of Surveillance System.
- Maintaining Wi-Fi hot spots in various administrative blocks and Library.
- Online Journals and online Library facilities (e-books, thesis, etc.)/ repositories are accessible in the entire campus. Providing technical support for mapping of WEBOPAQ Server for outside access.
- University Computer Centre through its Director has been deputed as a nodal agency/ nodal officer to promote Digital India Campaign, e-gazette uploading on Government Portal, e-waste management etc.
- Ph.D registration/ final viva are being conducted for offshore students as a regular feature.
- University Computer Centre has prepared a road map for setting up an ETD Lab for the digitization of Ph.D/M.Phil thesis in the Main library of the University. Dean Research and Associate Dean Research are coordinating the project.
- In an another attempt a single window Online Admission Facility catering to the needs of different stakeholders (Students, Colleges, Admin. Offices) has been developed. This application has the inherent features as to ensure transparency in admission process and to bring diversity to the Colleges/ Universities by reaching to the students at faraway places, allowing use of this data then for many other student-centric activities by integrating it to various processes related to registration, admission, examinations etc. It is going to be paper-less and will promote cash-less transactions as well. Rightly, the scope of application has been limited to the Undergraduate Courses for the time being. It is also very prudent to collect only Personal Information and to prefer populating database by integrating the application with the databases of Punjab School Education Board for verifying academic credentials of candidates and from the portals of different boards and agencies like UIDAI. The feedback/ status alerts to students and parents furthermore, will empower the University Administration to stay on its best.

4.3 Library Services

Bhai Kahan Singh Nabha (Main Library) University Campus

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books Reference Books	4,81,396	42,25,453	4368	28752012	4,85,764	29233408
e-Books	215	-	-	-	215	-
Journals	335	34,75,880	-	-	335	34,75,880
e-Journals	146	10,54,136	-	-	146	10,54,136
Digital Database	06	-	-	-	06	-
CD & Video	4435	Free of cost Books/Thesis	269	-	4704	Free of cost Books/Thesis
Others (specify)	Wi-Fi facility	Lift for handicapped members	CCTV Cameras	Fire Fighting System		-

Departmental Libraries

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	245985	18304144	2893	1006239	248878	19310383
Reference Books	122826	5660490	2052	537676	124878	6198166
e-Books	206	0	0	0	206	0
Journals	2192	558755	105	33290	2297	592045
e-Journals	376	0	0	0	376	0
Digital Database	77119	53	0	0	77119	53
CD & Video	1421	53030	5	0	1426	53030
Others (specify)	215	15000	747	0	962	15000

- Gurmat Gyan On-line Study Centre has Bhai Randhir Singh Online Gurmat Sangeet Library established with the financial support of Akhand Kirtani Jatha, Surrey, Canada. Its website is www.gurmatsangeetlibrary.com where digitized books, research papers, research articles, magazines, souvenirs, simrati granths and periodicals related to Gurmat Sangeet are regularly uploaded.

4.4 Technology Up gradation (overall)

University Computer Centre

1. Internet bandwidth: 25 Mbps (M/s Quadrant Tele ventures for Rs. ≈3 Lakhs/Year) + 155 Mbps (NKN-BSNL) for Patiala Campus. (≈8 Lakhs/Year)
2. Rs. 2.50+ Lacs are being spent on annual basis on the renewal of subscription/updates of Firewall.
3. Annual Maintenance Contract for OCR Scanners, Website Development (Approximately Rs. 20 Thousand) are being incurred on annual basis.

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	2813	191	22	54	03	01	12	0
Added	46	10	5	0	0	1	0	4
Total	2859	201	27	54	03	02	12	04

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

- University Computer Centre (UCC) is imparting training and distributing licensed Microsoft Products in the Campuses of the University. An induction workshop on Microsoft Products/ Licensing Schemes was conducted in collaboration with UGC-HRD Centre, Punjabi University, Patiala.
- University Computer Centre is taken as Nodal Agency to promote use of anti-plagiarism software approved by the University. Regular training sessions on Monday, Wednesday and Friday are being conducted for the research scholars, post-graduate students and research guides. Till to date 870+ research guides have been registered with the help of Nodal Agency under the guidance of Dean/ Additional Dean Research, Punjabi University, Patiala.
- Staff of the centre also acted as resource person in demonstrating use of computers in UGC-HRD Centre for the various orientation, refresher and induction programmes to teachers and research scholars.
- Conduct orientation programmes for the use of internet resources in the campus among hostel inmates as a regular feature.
- UCC extended its support by sharing the technical know-how required for to the Examination Branch to collect the internal assessment marks of all theory, practical, seminar and other components along with external practical marks from all the affiliated colleges, departments, private candidates and students enrolled under distance education programs in online mode.

4.6 Amount spent on maintenance (in lakhs)

1.	ICT	2,20,000/-
2.	Campus Infrastructure and facilities	2,22,51,635/-
3.	Equipments	4,02,779/-
4.	Others	5,09,230/-
	Total	2,33,83,644/-

Criterion –V

5 Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

All the information related to Student-support Services is available on the Punjabiversity.ac.in website. The IQAC encourages/reminds the

- concerned official/sections to update the information on website as and when there is any change.
- heads of the departments are requested to make the students aware of the Student-support Services through the class counsellors and also during the orientation programme of the fresher's.
- Dean Student Welfare Office also creates awareness among students about student Support Services through Wardens, Student Council.

5.2 Efforts made by the institution for tracking the progression

IQAC request the departments to collect, compile and analyse records for tracking the progression.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others	Total
7164	5970	3093	1378	17605

(b)	<i>No. of students outside the state</i>	135
(c)	<i>No. of International Students</i>	232

Men		Women	
Number	%	Number	%
8276	47.1%	9329	52.9%

Last Year 2015-16						This Year 2016-17					
General	SC	ST	OBC	Others	Total	General	SC	ST	OBC	Physically Challenged	Total
12383	3043	6	962	1298	17692	13507	3038	16	997	47	17605

Department of Distance Education

Total Number of students

UG	PG	Ph.D.	Others	Total
7029	9348	0	427	16804

Men		Women	
Number	%	Number	%
8969	53.37	7835	46.63

Last Year 2015-16						This Year 2016-17					
General	SC	ST	OBC	Others	Total	General	SC	ST	OBC	Physically Challenged	Total
14724	2079	0	1837	54	18694	12736	2442	0	1626	0	16804

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

Punjabi University is a privileged partner of Infosys Technologies in the 'Industry-Academia Collaboration' under the banner of 'Campus Connect' wherein training is provided to the Engineering and MCA students for sharpening their Technical and Soft skills. With a view to enhance the competitiveness of our students, training is provided for Aptitude (Verbal & Numeric ability and Logical reasoning) Test. Also provided free (introductory) classes for the GATE to Electronics and Communication Engineering, Mechanical Engineering Students.

- Courses and co-curricular activities generally prepare all enrolled students for such exams.
- Extra classes and Mock Tests taken by faculty for GATE and other exam. preparations.
- Seminars are conducted by the Placement Cell on Skill Development/Group Discussions/Personality Development and Communication Skills.
- All teachers give time to needy and interested students for their respective requirements be it UGC and other national and competitive exams.
- Special classes for M.Phil./Ph.D. students were held for NET examination.
- Students are provided expert coaching for campus placement preparation (Aptitude/Group Discussion/Interview Tips) from My Careers, Bathinda. Group Discussion, Picture Perception Test and General Knowledge Tests were conducted for students under Armed Forces Aspirants Club enabling students to compete in SSB, SSC and other competitive examinations.
- There is IAS and Allied Services Training Centre for competitive examinations in the University and Faculty members visit the Centre and provide their services.

No. of students beneficiaries = 984

5.5 *No. of students qualified in these examinations*

NET	SET/SLET	GATE	CAT	IAS/IPS	PCS	UPSC	OTHERS
96	5	44	4	1	11	2	54

5.6 *Details of student counseling and career guidance*

University has a well established centralized Finishing School: Career Counselling and Placement Cell, which conducts various activities for the students. The Cell works towards enriching the knowledge of the students by organizing Seminars/Workshops/Webinars/Classes with help of experts invited from industry/Senior or retired Professors.

- Besides teaching in the classroom, teachers also do students counselling about careers and their future.
- Special Lectures has been organized by the Departments for Student Counselling and Career Guidance.
- We offer counselling to students which help them to work through their difficulties. Guidance related to their career is provided to plan their future and help them achieve their goal.
- Separate mentor for each class has been made to look into the Professional and Personal problems of the students.
- Individual Conferences and Group Conferences are integral to curriculum under which, unorganised sessions of counselling and guidance are undertaken for the students as and when required.
- Meditation sessions for students are organized to improve their concentration level. Industry visits are also organized to give them the exposure in the field.
- Teams of the faculty members (Class/Branch wise) have been deputed for the guidance and counselling of students to sort out their career related queries and personal problems.
- Workshops for the students and Hands on Training provided to them.
- Expert from Industry and other organizations are invited to interact with students.

No. of Students benefitted: 685.

5.7 *Details of Campus Placement*

University has a well established and centralized Placement Cell – Finishing School: Career Counselling and Placement Cell, which conducts various activities for the students.

On Campus			Off Campus
Number of Organizations	No. of students participated	Number of students placed	Number of Students placed
72	1235	422	335

5.8 *Details of gender sensitization programmes*

- In order to sensitize the training group of 100 Punjab Police sub inspectors on gender issues, Women's Study Center of Punjabi University has organized Gender Sensitization workshop at Punjab Police Academy Phillaur on 26th August 2016.
- On 15th September, 2016, Patiala District Administration, in collaboration with Punjabi University, Patiala, under the aegis of Women's Studies Centre, of the University, has initiated a special awareness programme for a campaign of “Beti Bachao, Beti Padhao”.
- As a part of series of Gender Sensitization Workshops, Women’s Studies Centre, Punjabi University, Patiala sensitized around 200 police personnel of Union Territory of Chandigarh focusing on Women specific issues. (October-26-2016).
- Punjabi University organized International Conference on the theme “He for She: A Solidarity Movement for Gender Equality” on November 16-17, 2016 in Punjabi University, Patiala. 300 participants participated in this conference.
- On the eve of International Women's day, the Centre for Women's Studies Organized workshop titled “Gender Sensitization” at PSPCL, Patiala on 08-03-17. 50 Officials of the PSPCL participated in it.
- Women Studies Centre, Punjabi University, Patiala celebrated International Women's Day on 9th March, 2017 in the Senate Hall of the University.
- Punjabi University organized Gender Sensitization Workshop at Mata Sundri Girls College, Mansa on 15-3-2017. 100 students participated in this workshop.
- Gender Sensitization Workshop at Punjab School of Law, Punjabi University, Patiala on 15-02-17. In this workshop 100 students of the department participated.

5.9 *Students Activities*

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

Sports:

State/University Level	National Level	International Level
1082	332	10

Cultural:

State/University Level	National Level	International Level
165	12	11

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

Sports:

International Level	National Level	State/University Level
09	306	219

Cultural:

International Level	National Level	State/University Level
-	05	33

5.10 *Scholarships and Financial Support*

	No. of students	Amount in Rs.
Financial support from institution	428	19,35,000/-
Financial Support from government	2427	6,86,07,752/-
Financial Support from other sources	03	34,000/-
Number of students who received International/ National recognitions	-	-

5.11 *Student organized/initiatives*

Our students are involved in organizing different festivals by the University, like Blood donation camp, Annual Cultural & Sports events, tree plantation, etc.

Fairs:

State/University Level	National Level	International Level
19	0	0

Exhibitions:

State/University Level	National Level	International Level
11	0	1

5.12 *No. of social initiatives undertaken by the students :*

Various social initiatives undertaken by the students are given below:

- NSS volunteers organised some of the NSS activities (like cleanliness drives, plantation) and Blood Donation Camps.
- Students made an Audio/Video and documentary for social media to spread awareness and decrease myths and misconceptions regarding psychological issues.
- On several occasions the students of Fine Arts with the help of the faculty organized campaigns in environment awareness and beautification of the

campus by displaying paintings and painting some murals on the walls of the campus. To spread the universal message of Ten Sikh Gurus, paintings, Graphic prints and Miniature paintings specially painted on the theme of Gurbani couplets penned by specific Sikh Gurus with their intricate and artistic portraits and mesmerizing Graphic Prints were created and exhibited in the Annual Exhibition of the department of Fine Arts.

- Healing hand society is a student forum formed by students which conducts various activities from time to time on Physiotherapy.
- Community rehabilitation programs (camps) are organized from time to time.

5.13 Major grievances of students (if any) redressed

Major grievances of the students which have been redressed by the university are:

- The problem of Drinking R.O. water is resolved.
- Provided scholarships to needy and deserving students.
- Provided hostel accommodation to a large number of girl students.
- Lifts out of order and white boards and projectors requirements sorted out.
- RO water required: Resolved.
- Canteen facility required: Resolved.
- Lawns Improvement: Resolved.
- There are Counsellors in the departments who look after the intensive counselling whenever needed.
- Student issues and grievances are tackled by the Head as well as the respective mentors/class-teachers and the students can approach them without any intermediate for Personal Counselling as well as day to day problems.

Criterion –VI

6 Governance, Leadership and Management

6.1 *State the Vision and Mission of the institution*

To make provision for imparting education in the humanities, sciences, learned professions and such other branches of learning and courses of study as it may think fit and to make provision for research and for the advancement and dissemination of knowledge; to promote Punjabi studies, to provide for research in Punjab literature, to undertake measures for the development of Punjab Language and to progressively adopt it as a medium of instruction and examination for as many subjects as possible.

6.2 *Does the Institution has a Management Information System (MIS)*

Yes, the University has Management Information System (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) Accounts Section

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 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, entrepreneur-ship & 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 to three years in view of the feedback received from various sources and the changing requirements.
- Implementation of CBCS & SWAYAM-MOOC.

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 13 Neighbourhood Campuses/Regional Centres mostly in rural areas like 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 Yadavindra College of Engineering, Talwandi Sabo. In this college 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. All the departments have been provided with computers and internet facilities.
- University has local chapter of National Programme on Technology Enhanced Learning (NPTEL). Large number of faculty and students are taking advantages of it.

6.3.3 *Examination and Evaluation*

- We have Mid-semester exams (continuous assessment system) and End semester Exams. Mid Semester Exams are managed by Departments and End-Semester exams are managed by Controller of Examination and his team. It is a full proof system with full transparency.
- Question papers are prepared by outside experts.
- End semester exams evaluation is mostly done through table marking.
- Punjabi University, Patiala show results on University Website. Punjabi University upload Date-Sheet, News and Cutlist on University Website. Punjabi University has website (www.pupexamination.ac.in) for Cutlist/Internal/Practical online submission of sessional marks.

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

University's research strategies to improve faculty participation in research include:

- MoU with INFLIBNET for URKUND Plagiarism Check tool.
- Conduct of Workshop/Short Course on use of URKUND as plagiarism detection tool.
- Conduct of Workshop on Unicode.

Our University research branch website has become online in which the details of all the research scholars in various department has become online. Anyone can search the status of the research scholar like when he has been enrolled, registered and when the degree has been awarded. Moreover, the Title of the research work, details about the supervisor can be easily found from the website. In the second phase of the automation, we are planning to make everything transparent like - details about annual seminars, fees deposited, any pending documents, any pending fees, pre-submission status, thesis submission status, evaluation progress etc. With this, the students will be able to know the status of progress of work online and thus making their task easy.

- Regular Research Seminars
- Consultation with the local community to establish linkages
- Presentation of data regarding the status of research before the faculty in Departmental Research Board (DRB), Board of Post Graduate Studies & Research (BPSAR) and Research Award Committee (RAC) 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
- Research monitoring
Awards for recognizing research excellence (Syndicate honours faculty members for their contributions)
- Sophisticated Instruments Centre is well maintained and it also conduct Workshops for researchers so that the instruments can be properly utilized for research.

6.3.5 *Library, ICT and physical infrastructure/instrumentation*

Regular monitoring of the functioning is done by the management and remedial actions are taken time to time regarding maintenance, upgradation, modernization and new setups. All inhouse jobs in case of library are automated.

Xen Office:

(a) Consultants for Quality Control

The Quality Control Consultant appointed for those work in which expenditure is more than Rs. 2.00 Crore. It is expected that every contractor will have proper quality control staff and procedures in order to ensure quality. The contractor shall engage a competent and independent quality control consultant approved by Engineer in charge of work to exercise effective control over the construction operation in the field so as to produce quality works. The fully equipped laboratory shall be set up at site of work and trained staff shall be employed by the said consultant.

Terms and Conditions: The contractor shall supply to the Engineer-in-Charge a copy of his agreement and the fee for quality should generally be between 0.5% and 1.5% at the contract value. The payment to the quality consultant shall be made by the Engineer-in-Charge direct as per the copy of the agreement supplied by the contractor. This payment will be recoverable from the contractor. The Consultant will guide the contractor for production of quality works at all stages and shall maintain records. Reports and test results so as to indicate the extent quality to Engineer-in-Charge regularly. The contractor shall also attach a copy of these reports, tests and check with his bill without which no payment shall be made. The Engineer-in-Charge can also order the change of consultant if in his opinion they are not performing competently. The Engineer-in-Charge will be free to conduct surprise, random or in situ checks so as to have cross check on quality control consultant, the Engineer-in-Charge may order employment of a consultant at the cost of the contractor or may order the department staff or carry out the quality control checks and a deduction at the rate of 1.5% of the total cost of the work shall be deducted from the bill of the contractor even if the actual expenditure incurred on private consultant or department quality control is less, Nothing in this clause shall reduce the overall responsibility of the contractor quality and he shall remain liable for any defect in the execution.

(b) Performance Test

The contractor shall give a satisfactory performance test of the entire installation as per standard specifications before work is finally accepted and nothing extra whatsoever shall be payable to the contractor for this test.

University Computer Centre:

Some noticeable ICT infrastructure/ facilities strengthened are as:

- Enhanced Internet Facility (155 Mbps + 25 Mbps) leased lines
- Extended Campus-wide networking (20+ kms of Campus Backbone ribcaged on Fiber Optics Segments)
- Continuing the use of firewall for checking upon bandwidth abuse.
- Access to on-line journals, thesis and dissertation repositories in the Campus and NPTEL study material.
- Wi-Fi hot spots in the main library, hostels and departments.
- Video-conferencing facility.
- Online Admissions with provision of online payment and feedback through integrated SMS facility.
- Enhanced Website of the University and facilitator to various branches/ departments.
- Running PG Diploma Courses in Computer Applications, Web Designing and Networking and Maintenance of computers.

Sophisticated Instruments Centre: All the instruments are being handled by the expert staff members to maintain quality of experimental data and maintenance of instruments is also taken care of by the expert staff. The regular necessary maintenance is being got done from the concerned companies from where the systems had been purchased.

Department of USIC: USIC look after the repairs of all the university department's instruments, photostate machine and Computer Printers.

6.3.6 *Human Resource Management*

Keeping in mind the scarcity of funds, Human Resources are managed effectively through the meetings 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 allocations 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 department heads and their faculty are encouraged to work toward the industry interaction/collaboration. The industrialists are invited on different occasions by the university to interact in the faculty and to create a conducive environment for collaborations. We have 11 collaborations with the industries/non-technical organizations. The activities organised during 2016-17 are given below:

Date	Resource Person/ Industry Name	Topic
02/08/16	Infosys Technologies Ltd.	iEmbark Workshop
05.8.16	Mr. Jasmeet Singh-Aspiring Minds Assessment Pvt.Ltd.	Pre Placement Assessment Test for our Engineering and MCA students
05.10.16	Mr. P.S.Virdi, Proprietor and Freelance Powetrain Consultant, Research to Product Engineering Services, Formerly: AVP-R&D, Continental Engines Ltd., Gurgaon, VP-R&D, Agri King Tractors Ltd. GM-R&D, Greaves Cotton Ltd. Dy. GM-R&D, Punjab Tractors Ltd.	Powertrain Engineering
23.8.16	Mr. Vinod Raj	Java Script
15.9.16	Pisoft Informatics Pvt. Ltd.	Lecture on cloud computing
17.9.16	Mr. Harish Chawla – Ergnus Mohali	Internet of things
29.9.16	Mr. Kanika Khurana (H.R.) Solitare Infosys	Android & Cloud Computing
12.10.16	Mr. Anil-Frisk Lance Software	Earning while learning
7.2.16	Mr. Jasmeet Singh-Aspiring Minds Assessment Pvt. Ltd.	Pre Placement Talk
28.4.16	Infosys Technologies Ltd. Spark Programme @ Chandigarh	SPARK-2017

6.3.9 *Admission of Students*

The University has Centralized Admission Cell, which looks after the centralized counseling. The admission process which was already online is further improved for the convenience of applicants regarding fee, documents & form submissions. Results and information's about vacant/filled seats etc. are displayed on the website.

6.4 Welfare schemes for Teaching staff, Non-teaching staff and Students

The University provides its staff with a number of welfare schemes which benefit not only its employees, but their families as well. The schemes cater to some very important aspects of human life like education, finance, health care, transport, security, child care and recreation.

The following are the Welfare Schemes available for Teaching staff, Non-teaching staff and students:

- on-campus Senior Secondary School provides affordable education to the children of a large number of University Employees
- a Group Insurance Scheme
- housing loan scheme
- wheat loan, cycle loan and free Uniform for class-C staff
- provision for Maternity and Paternity Leave, Medical Allowance, House Rent Allowance, Concession in fee for the wards of University Employees, Residential Facility on the Campus, Crèche for children of University Employee and many more
- faculty club
- Bhai Ghanaiya Health Centre is well-equipped to cater to all general and emergency medical services with a 24X7 Ambulance facility. Besides, Physiotherapy Unit has been actively involved in providing services to the employees and their families
- holiday homes at Andretta, Shimla, and Dehra Dun provide an ambient atmosphere in the lap of nature for relaxation and rejuvenation at reasonable rates
- highly subsidized transport facility to employees, their school going children and students

6.5 Total corpus fund generated: Nil

6.6 Whether annual financial audit has been done Yes

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

Yes, internal by an Committee headed by respective Deans of Faculties

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

For UG Programmes	Yes
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For PG Programmes	Yes
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6.9 *What efforts are made by the University/Autonomous College for Examination Reforms?*

All the programs are having semester system. Punjabi University, Patiala show result on University Website. Punjabi University, Patiala uploaded Date-sheet. All the forms, rule and regulations are available on the University of the Convenience of Students.

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

The university encourages and guides the colleges to develop themselves in a way so that in future autonomy may be granted to them. There are two autonomous colleges under Punjabi University Patiala.

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. At present University has Alumni Units in 47 departments. It has 5 International Chapters of Central Alumni Association.

6.12 *Activities and support from the Parent-Teacher Association*

N.A.

6.13 *Development programmes for support staff*

The University encourages the non-teaching staff to improve their educational qualifications through distance education or evening classes. The University has very liberal rules to sanction leave if an employee wants to join a regular course. As a result most of the members of the non-teaching staff have completed their post graduation and even there are a few who have done their Ph.D.

In order to train the existing employees of the university for computer applications, University Computer Centre arranges free training courses in the evening. The employees are encouraged to join these courses.

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

The initiatives taken by the University to make the campus eco-friendly are:

- Energy Conservation & Use of Solar Cells wherever possible
- Water Management
- Efforts for Carbon Neutrality
- Plantation
- Management of Hazardous Waste
- E-waste Management
- Smoke free, clean, healthy, eco-friendly environment
- The paper work has been reduced. All circular/notices are sent via e-mail.
- Poster competition on "Swachh Bharat Swasth Bharat, Beti Bachao Beti Parhao and Entrepreneurship" was organized.
- Many research projects in Ph.D and M.Sc.(Hon's) Biotechnology and M.Sc. (Hon's) Microbial and Food Technology Part-II are focusing major issues related to environment.
- Installation of wooden Bird Nests in the campus for conservation of their habitat.

Criterion –VII

7 Innovations and Best Practices

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

- Development of software for visually challenged. The Gurmukhi OCR developed by Computer Science department is being used by three schools for blind for development of Gurmukhi books in Braille.
- Research Centre for Punjabi Language Technology has introduced Akhar 2016, First Word Processor for Punjabi, Hindi, Shahmukhi (Urdu) and English with powerful features for typing, spell checking, translation, Transliteration and Optical Character Recognition in these languages is very useful tool for office and all departments in the University as well as other state government departments.
- Best field worker awards are given to the students for their excellence during the field work.
- The research students are awarded for the Best Publication Award for publishing.
- Organise of more workshops and seminars concerning career planning.
- Camps arranged at various nearby places for patient exposure to Physiotherapy students and for the benefit of community.
- The translation work of Encyclopaedia of Sikhism, Vol. IV (Punjabi Version) and to prepare research material for the students from Encyclopaedia of Sikhism through translating the Entries of it in Punjabi Language so that students of Punjabi medium can read it thoroughly.
- Providing authoritative information to scholars regarding every sphere of Sikhism i.e. historical, philosophical, sociological, psychological and theological.
- Centre for Advanced Media Studies organize interactive sessions with newspapers, radio stations and production house to develop practical exposure among students.
- Networking with the Grassroots Organisations, NGOs and Community leaders by the department of social work.
- Field Work is an integral part of many of the course curriculums.
- During the Academic year 2016-17 special focus has been given regarding updating of the PG & Under-Graduate syllabus. Introduction of MOOCs.
- Promotion of interdisciplinary research in the north western region (Present Punjab, Haryana, Himachal Pradesh, Pakistan Punjab, Jammu and Kashmir and Delhi) through our conference, publication of its proceedings, *The Panjab Past and Present* (bi-annual Journal).
- Personality Development Lectures for students to cultivate the hidden qualities among them.
- For the overall personality development and better placement prospective of the students, special classes on communication skills and general aptitude are being organized.
- Centre for Diaspora Studies focused upon the cross-cultural collaborations and exchanges in the fields of Indian Music and Dance with particular reference to Indian/Punjabi Diaspora. It also focused upon how Indian Music and Dance have

witnessed various cultural collaborations and exchanges in the fields of Indian Music and Dance with particular reference to Indian/Punjabi Diaspora. The focus was also made on the real challenge which lies in making efforts in connecting the second generation of Indian/Punjabi Diaspora and celebrating and spreading Indian arts and traditions. It was also emphasized that how language barriers, cultural difference and identity crisis have posed various challenges for the Diaspora.

- Law students are encouraged to participate in classroom discussions, Moot Courts, Debates, Educational Tours to Courts and Jail visits.
- More stress on an interactive environment in classroom which has resulted in more participative and inclusive teaching experience.
- Promotion of extracurricular activities
- Time bound and immediate redressal of grievances
- Strengthening of alumni association
- Students are encouraged to participate in National and International Conferences and prepare scientific papers for the same.
- Most regular students and toppers of M.sc.-I and M.sc.-II are honoured also.
- Student-teacher interaction through case discussions and case studies.
- The University Institute of Impact Assessment (UIIA) is associated with organization of International Association for Impact Assessment (IAIA) and MoU also signed. In 2016-17 UIIA has done a project regarding election survey in Punjab and it was appreciated by Chief Electoral Officer, Punjab in Legislative Assembly 2017.
- Recently, Online Digital Data Library has been introduced by Centre for Census Studies & Research which includes all census data of year 1991; 2001 and 2011 census in graphical, Maps and Excel form. This online data is very helpful for Researchers/students/faculties during off hour's also. We are regularly in touch with the census authorities to make available data as per the queries and requirements of Researchers/students/faculties.
- New subjects like Human Development and knowledge Economy and up gradation of Syllabus such as introducing new topics Demonetisation and Goods and Services Tax has been introduced by Economics Department.
- Project works, Preparation of information books and presentations on various recent and applied topics have been introduced during this academic year by Zoology and Environmental Sciences.
- Gurmat Sangeet Chair is regularly contributing for the revival, promotion, propagation and research of Gurmat Sangeet. In continuation with organising Annual Programs, in the session 2016-17, Gurmat Sangeet Chair organised 14th Gurmat Sangeet Utsav, 9th Rababi Bhai Mardana Classical Music Festival along with Padam Shri Ustad Sohan Singh Simrati Smaroh, Gurmat Sangeetacharya Professor Tara Singh Simrati Samaroh and Bibi Jasbir Kaur Khalsa Simrati Smaroh. Other than this, Chair recorded an Archival Interview (Recording) of Ustad Lachhman Singh Seen, Jalandhar which has been preserved for Sant Sucha Singh Archives of Music on 11 December, 2016.
- Fourth South Asian History Conference organized by the department of History from 7-9 Oct 2016 in which a number of delegates from India, Pakistan, Dacca, Indonesia and Bangladesh participated.
- The faculty have been very particular about holding class seminars and presentations on aspects/themes related to the prescribed curricula in their

respective courses, on regular basis. The faculty have also been making a number of efforts to supplement their lectures with visual aids such as films, interviews and short films pertaining to their courses and prescribed texts. This has helped in making teaching interactive and more beneficial to learners as well as made classroom-teaching more learner-friendly.

- Internship by students in Human Rights Commissions etc.
- Legal Aid Clinic of Punjab School of Law in association/collaboration with Department of Law, Punjabi University, Patiala and District Legal Literacy and Awareness organised Camp on 7th and 8th Oct, 2016 at Patiala Book Fair in Punjabi University, Patiala.
- Legal Aid Clinic of Punjab School of Law in association/collaboration with District Legal Services Authorities, Patiala organized Legal Awareness Camp on 26-10-2016 in the Department.
- To achieve academic excellence all academic and moral support is provided by S.Sobha Singh Deptt. of Fine Arts to their students and they are made well-equipped in their academic and professional fields and subjects by adopting latest teaching methods with the help of Multimedia presentations, access to good art journals, books, periodicals, magazines, catalogues, brochures, slide shows and live lecture-cum-demonstration by eminent professional artists, print makers, sculptors, portrait painters to motivate and update their knowledge and skills to face professional and academic challenges when they pass out and start their own professional careers. This way the students gained enough professional competence and confidence in undertaking professional jobs independently in their chosen and preferred fields.
- Department of Theatre & Television regularly presents plays for general public. It performs in the theatre festivals along with the important events and occasions of the university. It also collaborates with other departments and organisations to produce plays as per special requirements. In this session department has produced/ digitized a short play 'I will become a Judge' in collaboration with Women Study Centre, Punjabi University, Patiala and District Administration Patiala. The play was dedicated to the movement 'Save the Girl Child Educate the Girl Child' launched by Honourable Prime Minister of India.
- Inter University Cultural Exchange program has been started by department of Music, which has enabled the department to have a firsthand account of the musical activities of other universities and good exposure for teacher and students.
- Online admission process and sending messages/important information with regard to PCP/Internal Exam. Schedule, fee payment, assignment submission schedule, examination schedule etc. has been introduced by department of Distance Education.

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

- The Choice Based Credit System has been implemented in all the departments of University. The MooC has also been introduced in more than 50% of the departments.
- NSS planned 200 extension activities at the beginning of the year and organised 164 extension activities.

- University organised number of Cultural and Sports activities at University/ State/National level as planned. For detail please refer 5.9 in criterion V.
- **Department of Physiotherapy**
 - Camps at various nearby villages organized on monthly/bimonthly basis.
 - 1 Guest Lecture by Professor, IIT Roorke organized on the topic of "Tips of success in Physiotherapy" on 5.10.2016.
- **Department of Computer Science**
 - Successful set up of class room cum lecture hall to accommodate more than 100 students.
 - Lab could not be established due to non-release of grant by under FIST.
 - Revised MCA syllabi according to the needs of industry and M.Tech. ordinances to inculcate research aptitude and promote quality research.
 - Dr. Chandan Singh undertook a major research project in Image Processing from UGC.
 - Dr. Vishal Goyal undertook major research project on in the area of multilingual processing from MoIT.
- **Department of Statistics:**
 - Conferences attended and Paper presentation 12
 - Publications in International and National Journals 21
- **Department of School of Social Sciences**
 - Computer Lab has been modernized with Internet working.
 - National Seminar was organized on Demonetization in India: A Road Ahead. March 21-22, 2017.
 - Extension Lecture on Personality Development 23.1.2017.
- **Department of English:** Workshop successfully held.
- **Department of Planning and Monitoring**
 - During 2016-17, the UGC has released the balance amount of GDA Grant and the University distribute the grant to different departments as per plan.
 - During 2016-17, the university has adopted UGC new regulations for M.Phil./Ph.D and other academic curricular.
- **Department of Executive Engineer:** Construction of Fitness Centre with Sports Science back up at Punjabi University Patiala. (Amount=2,42,33,200/-).
- **Department of Forensic Science:** Conducted National Conference on Forensic Science on 19-21 Dec/ 2016.
- **Department of Mechanical Engineering**
 - The revised curriculum was implemented.
 - The students were immensely benefitted with the successfully organized extension lectures.
- **Department of Chemistry:** National Seminar: New Paradigm in Chemical Sciences: Synthetic and Analytical Perspectives-2017 (NPICS: SAP-2017) dated 9-10, Feb. 2017.
- **Department of Physics:** Faculty members of different designations and specializations were involved in different committees. The committees at their own discussed the matters and took the appropriate decisions in their meetings chaired by the Head of the department.
- **Centre for Diaspora Studies:**
 - Organized the One Lecture on 3.10.2016 "Role of IT in breaking the Language, Scrip and Distance Barriers for Diaspora".
 - One National Seminar on 02.11.2016 "Music, Dance and Indian/Punjabi

Diaspora: Transition and Transgression".

- **Department of Law:** Students of Sixth Semester were attached with the leading Advocates at District Courts, Patiala. Regular visits of students to Lok Adalats and District Courts were arranged from time to time.
- **Department of Biotechnology:**
 - Research projects are going on
 - Funds were generated through DBT, DST, UGC major research projects.
 - Special Lectures and One day seminar was organized.
 - Baru Sahib Academy interacted with the students for placement.
- **Guru Gobind Singh Department of Religious Studies:**
 - Starts celebrations dedicated to 350 years birth of Guru Gobind Singh.
 - Department organised International Philosophy Day.
- **Department of Education and Community Services :**
 - B.A., B.Ed., B.Sc., B.Ed. courses has been started in colleges and new syllabus has been restructured.
 - 7 days workshop was organized by the department for the development of research aptitude of teachers and students.
- **Department of Psychology**
 - Faculty conducted many workshops for NSS, Punjabi University, Patiala, University College of Engineering, Punjabi University, Patiala etc. and the students assisted in the same.
 - Students were trained for formal academic presentations. Each student conducted one mock presentation.
- **Department of Social Work**
 - Expansion of Field Work placement agencies
 - Networking with NGOs
 - National seminar on Recent Advances in Human Genetics was held from 27-28 March 2017.
- **Department of Library & Information Science:**
 - Media and Information Literacy Capacity Building Workshop for Youth & Youth led organizations, jointly organised with Bhai Kahn Singh Nabha Library, Punjabi University and sponsored by UNESCO, 17-19 Oct 2016.
 - Students' visits to a few libraries.
- **Department of Computer Engineering:**
 - Organization of INTERNATIONAL CONFERENCE on RECENT TRENDS IN COMPUTING.
 - Organisation of three (03) Technical WORKSHOPS in the department.
 - Organisation of two week SHORT TERM COURSE in department.
- **Department of Security:** Enhancement of e-Surveillance.
- **Department of Sports:** Accordingly the Sports Department conducted Inter College Competitions in each discipline and organized the North Zone/Inter University Competitions allotted by the AIU for the session 2016-17 (As per Sports Calendar of Association of Indian Universities (AIU) New Delhi)
- **University Institute of Impact Assessment:**
 - Village Badala-Naya Shahar for construction of Chandigarh-Ludhianarail link project is on process.
 - The project/election survey of conducting baseline Survey of Knowledge Attitude, Practices (KAP) of citizens Reg." is completed and final report submitted to Chief Electoral Officer, Punjab.

- **Centre for Census Studies & Research:** Data compiled and released as per the requirements of Researchers in Collaboration with DCO Officials.
- **Department of Economics:**
 - International Conference on "50 years of Economic Development in Punjab" 25-26 March, 2017
 - Workshop on Model Draft APMC Act-2016 March 07, 2017
 - Special Lecture on Issues in Indian Macroeconomics March 30, 2017
 - Lecture on What is Wrong with us? Redesigning a New India Sept. 07, 2016
- **University School of Applied Management:**
 - Pre-placement activities were done and students were motivated to participate in placements.
 - 03 workshops on research methodology were conducted and students were immensely benefitted from that.
- **Department of Zoology & Environmental Sciences:** International Conference on Entomology organized from 3-5 December, 2016.
- **Department of Mathematics:** Regional Workshop on Indian Women and Mathematics: Research and Career Opportunities, 6th to 7th Feb 2017.
- **Department of Journalism and Mass Media:** Interactive programmes on Monthly basis.
- **Punjabi University Baba Jogi Pir Neighbourhood Campus, Ralla (Mansa):** Student participated in various companies during Session 2016-17 with the help of Placement Committee.
- **Nawab Sher Mohammad Khan Institute of Advanced Studies:** During the month of October/November we met some high dignitaries of local authorities it is expected to solve the long pending demand of land for the institute.
- **Yadavindra College of Engineering, Guru Kashi Campus, Talwandi Saboo:**
 - One day workshop on IPR at YCoE on 15-16 Sept, 2016.
 - Innovation in Science-2016 on 15-16 Sept, 2016 at Yadavindra College of Engineering, Talwandi Saboo.
 - Engineering Today 2017" at Yadavindra College of Engineering, Talwandi Saboo, attended by staff of YCOE.
- **Department of Gurmat Sangeet Chair:** In the session 2016-17, Gurmat Sangeet Chair organised 14th Gurmat Sangeet Utsav, 9th Rababi Bhai Mardana Classical Music Festival along with Padam Shri Ustad Sohan Singh Simrati Smaroh, Gurmat Sangeetacharya Professor Tara Singh Simrati Samaroh and Bibi Jasbir Kaur Khalsa Simrati Smaroh. Other than this, Chair recorded recorded an **Archival Interview (Recording) of Ustad Lachhman Singh Seen, Jalandhar** which has been preserved for Sant Sucha Singh Archives of Music on 11 December, 2016.
- **Department of History:** Fifth South Asian History Conference held on Nov. 2016.
- **Department of Gurmat Sangeet**
 - 12 Sunaad Monthly Musical Program
 - Gurmat Sangeet Pratiyogita
 - Group Shabad team won first prize in zonal and inter zonal
 - Shabad keertan presentation by the students in gurdwara sahib PUP and other Community Services by the students
 - Shabad keertan training
 - Shabad keertan Presentations

- **Department of Electronics and Communication Engineering:** The students were immensely benefitted with the successfully organized extension lectures
- **IAS Training Centre:** Department starting new courses of English language: Grammar, Communication Skills, Academic writing & IELTS/TOEFL.
- **Department of Botany:**
 - Golden jubilee year of the department was celebrated
 - National Conference on “Basic and Applied Researches in Plants and Microbes” was organized during Nov. 3-5, 2017.
 - Alumni meet was held on Nov. 6, 2016.
- **Department of Theatre and Television:**
 - Collaboration with various organisations and institutions to provide opportunities to the talented students.
 - Collaboration with the Rural community for highlighting the Social issues.
- **Department of Music:**
 - Organized a Workshop on Music Vocal & Instrumental which is held at Andretta (H.P)
 - Two Day Punjabi Folk Mela was organized on 5-6 Oct. 2016 by department.
 - Prof. Tara Singh Patiala Sangeet Sammelan was organized on 2-3 Nov, 16 & Sh. Vishwamohan Bhatt from Jaipur performed Mohan Mohan Veena.
- **University School of Business Studies, PU Guru Kashi Campus Talwandi Sabo (Bathinda):** Lecture organized on organic Agriculture.
- **Punjabi University Campus, Maur (Bathinda):** Delivered lecture by Prof. P. Chakrabarty and students of MBA, MCA, BA final attended the lecture and get knowledge on cross cultural issues.
- **Gurmat Gyan Online Study Centre:** Syllabus from Foundation to Post Graduate Level (Except Gurmat Gyan Elementary Course) have been reconstructed and the Optional streams of all courses have been converted to the Independent Courses. Online Teaching of B.A. (with Gurmat Sangeet), M.A. Gurmat Sangeet – Gayan and M.A. Tabla have been started.
- **Prof. Harbans Singh Department of Encyclopaedia of Sikhism**
 - Encyclopaedia of Sikhism, Vol. III (Punjabi Version) First Proof received by the Department in 2016-17.
 - National Seminar organized on the topic *Baba Banda Singh Bahadur: Life Achievements and Martyrdom* on 20-21 August, 2016.
 - National Seminar organized on the topic *Sarab Dharam Sammelan and Interfaith Conference* on 27-29 December, 2016.
 - Special Lecture organized on the topic *Sikh Rehat Maryada* delivered by Giani Gurbaksh Singh Gulshan (U.K.) on 15.02.2016.
 - Sardarni Kailash Kaur Memorial Lecture organized on the topic *Remnants of the Sikh Empire* on 23.02.16 delivered by S. Bobby Singh Bansal (U.K.).
 - National Seminar organized on the topic *Religion: Emerging Issues and Concerns* on 23-24 Feb., 2016.
- **Punjab School of Law:**
 - Dr. A. K. Dham, Director, Placement Cell, Punjabi University, Patiala delivered Extension Lecture on placement of students on 29-9-2016 in the department. Legal Aid
 - Legal Aid Clinic of Punjab School of Law in association/collaboration with Department of Law, Punjabi University, Patiala and District Legal Literacy and Awareness Camp on 7th and 8th Oct, 2016 at Patiala Book

- Fair, Punjabi University, Patiala organized National Book Trust from 3-10-2016 to 9-10-2016.
- Legal Aid Clinic of Punjab School of Law in association/collaboration with District Legal Services Authorities, Patiala organized Legal Awareness Camp on 26-10-2016 in the Department
 - A workshop on 'Revenue Law and Revenue Records' on 8th March, 2017 by the department.
 - **Research Centre for Punjabi Language Technology:**
 - Akhar 2016, First Word Processor for Punjabi, Hindi, Shahmukhi (Urdu) and English with powerful features for typing spell checking, translation, Transliteration and Optical Character Recognition in these languages has been released by Principal Sectary of Punjab on October 1, 2016.
 - Comprehensive Video Lessons for Punjabi teaching using modern technology are being developed by RCPLT & EMRC. The First Phase of the Online Portal has been opened by Dr. Daljit Singh Cheema, Former Education Minister of Punjab on 26 December 2016.
 - **Women's Studies Centre**
 - Organized International Conference on the theme "He for She: A Solidarity Movement for Gender Equality" in Nov. 2016.
 - Drafting of projects on War Widows, Economic Independence of Women Risk Perception, Financial Literacy and Decision Paralysis and Punjab's Drug Epidemic.
 - Gender Sensitization of Police Personnel and students of University and affiliated colleges.
 - i. Gender Sensitization Workshop at Punjab Police Academy Phillaur. (26.08.16)
 - ii. Gender Sensitization Workshop at Police Recruitment Training Centre, Chandigarh (26.10.16)
 - iii. Gender Sensitization Workshop at Lady Fatima School (26-27 Feb.16).
 - iv. Gender Sensitization Workshop at PSPCL Women Day (8.3.17)
 - v. Gender Sensitization Workshop at Mata Sundri Girls College Mansa (15.3.17)
 - vi. Gender Sensitization Workshop at Punjab School of Law (15.2.17)
 - Development of Village Akalgarh and providing Computer and Beautician training to village's girls and women.

7.3 ***Give two Best Practices of the institution***

The Two best practices which are carry forward from the previous years are:

- Empowering the Youth
- Service to the Society

A1 Title of the Practice: Empowering the Youth

A2. Objectives of the practice:

What are the objectives/intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice (in about 100 words)?

The prime objective of this practice is to empower youth with education and multiple skills. For this, along with traditional courses the University has started a large number of job-oriented courses including Dress Designing and Tailoring, Cosmetology, Dietetics, Travel Management, Insurance and Banking, Industrial Chemistry, etc. To take the higher education to the door steps of the deprived sections of the society, Punjabi University has strengthened the infrastructural facilities in its already established Regional centres and Neighbourhood campuses. Besides these, 14 Constituent Colleges were opened in remote rural areas of the Malwa Region. In these institutions also, besides traditional courses, many job-oriented courses in Management and Computer Application have also been started.

- In its Yadwindra college of Engineering at Talwandi Sabo (Bathinda), the University is running a Golden Heart Scheme for rural meritorious wards of economically weaker section of the society. All the admitted meritorious students are provided free of cost education including hostel expenses, after matriculation.
- The University has strengthened Language Labs particularly at the centres where most of the students are from rural areas. Workshops on Soft Skills and Communication Skills are being organized on regular basis for such students. At Yadwindra College of Engineering, Talwandi Sabo a Language Lab has been strengthened to improve communication skill of the rural students admitted to the College.
- The University Computer Centre, Human Resource Development Centre and Sophisticated Scientific Instrumentation Centre regularly organize practical workshops and short term courses for students, Research Scholars, Teachers and Administrative staff in skill development, handling and operation of scientific equipments and computer training for scientific and day to day work. The participants of these courses include teachers from other states also.
- The University has developed excellent Sports infra-structure, perhaps the best among all the universities in the country. A large number of students trained from the campus are excelling in the National and International Sports events. Because of the extra-ordinary distinction achieved by the Directorate of Sports, Punjabi University, Patiala has been declared as Centre of Excellence for Sports.
- Research Centre for Punjabi Language Technology has introduced Akhar 2016, First Word Processor for Punjabi, Hindi, Shahmukhi (Urdu) and English with powerful features for typing, spell checking, translation, Transliteration and Optical Character Recognition in these languages is very useful tool for office and all departments in the University as well as other state government departments. The Advanced Centre for Development of Punjabi Language, Literature and Culture has developed a Gurumukhi to Shahmukhi (Persian) transliteration software (SANGAM), which is helping researchers in transliteration of Gurumukhi script to Shahmukhi script. Software has also been developed for conversion of Devnagri to Gurmukhi.

- A website for online teaching of Punjabi is yet another effort of the University to reach out to those who want to learn Punjabi through internet while sitting at their respective places. Machine translation tools for automatic translation from Punjabi to Hindi and vice-versa have also been developed, many copies of which have already been sold out in India and abroad.
- The University imparts education and on- line training in learning of Punjabi and Gurmat Sangeet and Guru Granth Sahib Studies.
- To facilitate the academic pursuits of students, there is a majestic AC library with Night Study Hall facility, on-line catalogue service, Internet Access Lab and RFID technology for issue/return of books. It remains open for 360 days in a year and is a hub of academic activity.
- Entrepreneurial development program of the Management Department and Placement cell in the University are yet other institutional initiatives started by the university so as to help in career guidance and facilitate the placement of students.

A3. The Context:

(What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice)?

The basic context of the above practice is to empower our youth including women and deprived sections of the society with education, multiple skills and inculcate in them the spirit of self esteem, confidence and make them employable and resource in themselves.

The University's objective of establishing institutions of higher learning with applied courses in the remote rural areas of Malwa region of Punjab has started yielding results. A large number of rural students from the deprived sections of the society are getting enrolled and benefitted as they are getting professional degrees at their door steps with affordable expenditure.

Main challenge which the University is facing is to sustain the novel efforts with limited infrastructure for which lot of funds are required. However, the University is struggling to keep these recently created institutions afloat with its own meager resources.

A4. The Practice:

(Describe the practice and its uniqueness in the context of Indias' higher education. What were the constrains / limitations, if any, faced (in about 400 words)?

- The practice of reaching the unreachable by establishing institutions in the rural areas to provide affordable higher education at their door steps is unique in itself in the context of higher education in India. The Engineering College at Talwandi Sabo is admitting rural meritorious

students on the basis of their social and economic backwardness. The University has started "Golden Heart Scheme" to fund their education by arranging funds through donations from Industry, Individuals, NRIs etc. The prime focus here is to invite community participation for helping the poor sections of the society in empowering their wards with technical education.

- Establishment of Women Studies Centre and its role in making women aware about their rights is yet another recent initiative of the University for the empowerment of the women folk.
- IAS and Allied Services Study Centre of the University organizes regular coaching classes throughout the year to train the youth for competing in civil services, state services, banking services, judiciary, NET etc. A large number of trainees from this centre have made to All India Services and State Services and are contributing to the growth of the country in their own ways.
- Directorate of Sports, Punjabi University Patiala has produced a large number of National level and International level Sports persons who have won coveted Medals for the country/respective state in various National and International events organized in the past.
- The training imparted in soft skills and handling and usage of computers and sophisticated instruments in the University Computer Centre and Sophisticated Scientific Instrumentation Centre through innovative workshops and short term programmes organized by Human Resource Development Centre has resulted in strengthening the teaching, research and administrative acumen of the trained personnel.

A5

Evidence of Success:

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

- The best example of success is the award of **MAKA** trophy 10 times, 6 times in a row and also in session 2016-17 to Punjabi University, Patiala by the President of India. In view of the exemplary contributions, Punjabi University has been declared as the Centre for Excellence in Sports.
- 282 Ph.D. scholars are awarded degrees during the year 2016-17. Many of them have joined teaching profession and are contributing to the generation and dissemination of knowledge as a part of their professional commitment. Thus, they are engaged in Nation building through empowerment.
- The improved infrastructure from substantial external funding in the CAS, DSA, SAP, ASIST and FIST funded Departments has gone a long way in improving the academic functioning of the University. The regular training programs being conducted by Human Resource Development Centre, Computer Centre, and Sophisticated Instruments Centre are proving handy in the empowerment of teachers and scholars

which is being reflected in the quality research with high impact factor being published in the journals of National and International repute. During the year 2016-17, more than 1442 Research papers and over 133 books (86 original + 47 edited) have been published and 01 Patents have been granted and 02 patents applied.

- The medals won by the students of Youth Welfare Department in various Zonal and National level youth festivals is another evidence of success. In all, students won 11 Gold Medals, 14 Silver Medals and 08 Bronze Medals in various Youth competitions organized at the State/University level and 02 Gold Medals, 01 Silver Medals and 02 Bronze Medals in the competitions organized at the National level.

A6 Problems Encountered and Resources Required:

(Please identify the problems encountered and resources required to implement the practice - in about 150 words)

- The basic constraints remain the paucity of funds to sustain and strengthen the already established infra-structure so as to meet the aspirations and emerging needs of the stakeholders.
- There is paucity of specialized teaching faculty in some of the Departments, Neighbourhood campuses, Regional Centres and Constituent Colleges. Existing teaching staff has to put in extra hours of teaching and research to meet the requirements of the students and Research scholars. This needs to be addressed with utmost urgency.
- There is also a need to strengthen Entrepreneurship & Skill Development Cell at the University level. This will provide opportunity to the students to sharpen their mental faculties and increase their employability.
- The seating capacity of the Reading Hall in the Library needs to be increased so as to cater to the increasing student strength opting for study in the Library Reading Hall.
- The University needs to catch up with times to compete with the Private Universities and Foreign Institutions and this is not possible without resources. For this, the University needs to work to increase its resources including funding from State Government and Central Agencies. Only regular budgetary allocations for sustenance of the established institutions can help the University to reach the desired results in its endeavour so far as the long term perspective of the earmarked objective of empowering the youth is concerned.

B1 Title of the Second Best Practice : Service to the Society

B2 Objective of Practice:

(What are the objectives/intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice - in about 100 words)?

Various University Departments have made service to the society as the integral part of their curriculum. In line with the preamble of the university "Vidya Vichari Tan Parupkari", the main objective in this regard has been to provide direct relief to the suffering people through treatment (Physiotherapy Department), Counselling (Psychology Department, Women Studies Centre and Social Work Department) and to make the society aware about the ill effects of the social evils in the society through enactment of stage shows, street plays (nukad natak) and other such stress buster programs like Mangalkamna, Sunad (Theatre & T.V. Department, Youth Welfare Deptt. and Gurmat Sangeet Department). The involvement of students with trained faculty helps the stakeholders to meet the cutting edge challenges and increase the students' employability and their ability to serve the society with love and compassion. These are basically capacity building programmes to enhance the skill of the students through institutional efforts to serve the common masses.

B3 The Context:

(What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice)?

The context has been learning through service of mankind by helping them to tackle psychological and social problems through counselling; providing on the spot treatment to the people suffering from age related/work related problems like low back pain, neck pain, frozen shoulder, knee osteoarthritis, neurological disorders, etc. through physiotherapy and also to generate awareness against drug addiction, AIDS and social evils like dowry and female foeticide through enactment of plays, nukad natak at their door steps.

B4 The Practice:

(Describe the practice and its uniqueness in the context of India's higher education. what were the constraints / limitations, if any, faced (in about 400 words)?

- To meet the objectives, the department of Physiotherapy is running 3 specialized OPDs within the University (General, Neurological and Sports). Besides these, Geriatric OPD in collaboration with Senior Citizen Welfare Association, Model Town, Patiala is being run for the treatment of suffering elderly people. Clinical Physiotherapist and faculty along with students of Bachelors and Master Classes are posted

in these OPDs on rotation basis. More than 100 patients with variety of problems from different parts of Punjab, Himachal Pradesh and Haryana along with students and staff of the University are being treated in these OPDs regularly. The Department is collaborating with Physical, Medicinal and Rehabilitation Department of Government Medical College, Patiala for providing palliative and therapeutic interventions to patients of varied conditions in Orthopaedics, Neurological, Cardio respiratory Intensive Care Units under single roof. The Department is also rendering its physiotherapy service to NGOs (Navjeevani, Sullar; Asha and Helpage) and to patients in private Hospitals of Patiala (Columbia Asia, Amar Hospital, Sadbhavana Hospital, Akal Hospital) with a view to expose the students to private sector which help them to increase their employability.

- Economics Department of the University has worked for highlighting the plight of marginalized sections of the society, especially rural students and marginal farmers, and given its inputs to the Punjab Government for taking corrective policy steps for achieving inclusive growth as enshrined in the 12th five year plan of India. The research done by the Department in this regard has helped the policy makers of Punjab State in their task of evolving holistic blueprints for future economic development of the state.
- Theatre and T. V. Department of the University has been enacting plays on the issues of drug de-addiction (Mitti Rooden Kare – ਮਿੱਟੀ ਰੂਦਨ ਕਰੋ) and female foeticide (Neun Jad – ਨਿਉਂ ਜੜ੍ਹ) in different places of Punjab, Haryana and Himachal Pradesh on request from local Panchayats, Youth Clubs and Deputy Commissioners of the respective areas.
- The Social Work Department of the University over the years has been dealing with the contemporary issues through social work which include issues related to gender discrimination, environment, HIV/AIDS and issues concerning elderly persons and socially disadvantaged people housed in welfare homes including old age homes, Orphanages, Pingalwara and all such places where such people are treated including nursing homes and hospitals. The PG students of the Department are made to adopt villages as a part of their project to undertake Social Work. Recently a global project "Saksham- GFATM" was completed in the Department under which training programs on HIV and AIDS counselling were regularly conducted since its start in 2009.
- Publication Bureau has set up a "Book Club," of which any interested person can become a member for one year by paying Rs.25/-. After this every such member of the Book Club becomes eligible for 50% discount on any title he/she wishes to purchase. A large number of readers are availing this facility.
- The Women Studies Centre regularly organizes programmes for sensitizing women against discrimination, domestic and work place violence and social evils. The centre has uploaded laws concerning women related issues on its website for creating awareness among them. This centre has completed projects concerning issues related to women

working in unorganized sector to understand the reasons for declining sex ratio in Punjab. Women Studies Centre also undertook work in Village Dhreeri Jattan as a case study. To study health related issues of elderly women, the Centre frequently visits Aggarsain Eye Hospital.

For undertaking social work for uplifting the living standard of about 100 households of labourers, Punjabi University Women Studies Centre has adopted Akalgarh village of Dakala Tehsil of Patiala District.

B5 Evidence of Success:

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

- The impact of excellent services being rendered by the Physiotherapy Deptt. is evident from the long list of successfully treated patients and regular huge daily rush in the OPDs of the Deptt.. Patients are also being referred to the department for consultation and treatment from prestigious medical institutions including PGI Chd., CMC, Ludhiana, ISIC, New Delhi, etc. This is another example of the success story.
- The Theatre and T.V. Department is receiving repeated requests from different parts of North India, especially Punjab, Haryana and Himachal Pradesh to enact more plays for creating awareness against social evils.

B6 Problems encountered and Resources required:

(Please identify the problems encountered and resources required to implement the practice - in about 150 words)

Paucity of sufficient funds is the major issue, which need to be addressed urgently so as to strengthen such socially relevant programmes **(Refer to A6 above)**.

7.4 Contribution to environmental awareness / protection

- Organised one day Workshop and plantation activities on the theme "**Combating Desertification, Land Degradation and Drought**" on 17.02.2017 under National Environmental Awareness Campaign (NEAC) – a programme of Ministry of Environment, Forests and Climate Change, Govt. of India in the Department of Zoology and Environmental Sciences, Punjabi University, Patiala. The main aim of the workshop was to create awareness about water conservation. Prof. (Dr.) M. S. Kang, Former Vice Chancellor, Punjab Agricultural University was the key-note speaker.
- National Conference on Man and Environment was organised from 10th-12th March, 2017
- National Biodiversity day was celebrated on 12th June, 2017 to celebrate International Day of Biological diversity and to create awareness for biological Conservation. Prof. (Dr.) S. S. Hundal, Punjab Agricultural University, Ludhiana and Prof. (Dr.) Arun Ahluwalia, Panjab University, Chandigarh were the key-note speakers.
- Teachers of the Punjabi University's Zoology & Environmental Sciences

Department have delivered lectures for creating awareness in various colleges and universities.

7.5 *Whether environmental audit was conducted?*

Yes. A full-fledged Horticulture wing is being maintained by the University with one SDO Horticulture, two Junior Engineers and a large number of gardeners to look after the overall greenery, maintenance of lawns and need based seasonal plantation on the campus. A Campus Welfare Committee and Punjabi University, Environmental Society constituted by the University work in liason with the Executive Engineer and S.D.O. Horticulture for maintaining the eco-friendly environment on the campus.

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

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8. Plans of institution for next year

Punjabi University, Patiala has already adopted Choice Based Credit System (CBCS). This will be reviewed and further improved. The Punjabi University, Patiala will also strengthen the UGC "Swachh Bharat Swasth Bharat Scheme" in the University and its related Neighbourhood Campuses, Constituent Colleges, Centres, etc in the coming session.

- Major revisions in the curriculum of many departments and strengthening of Research activities.
- Continuation use of teaching aids, other means and use of ICT for better teaching.
- Organization of Seminars/Workshops/Conferences by the departments.
- **Internal Quality Assurance Cell:**
 - Planned 03 Seminars/Workshops/Lectures.
 - Participation in NIRF India Ranking 2018.
 - Academic Audit of the departments.
 - Preparation of Annual Quality Assurance Report.
 - Institutionalization of best practices and Quality parameters.
- **Planning and Monitoring Cell:** During the next Session University is going to apply for financial assistance under various schemes from the UGC and other funding agencies.
- **Prof. Harbans Singh Department of Encyclopaedia of Sikhism:** Encyclopaedia of Sikhism, Vol. III (Punjabi Version) would be published in 2017-18 and Department is planning to complete the translation work of Encyclopaedia of Sikhism, Vol. IV (Punjabi Version).
- **School of Social Sciences:**
 - Modernizing Faculty Room.
 - Organizing Seminar
 - Organizing extension Lecture/Expert's talk
 - Extension of Computer Lab.
- **Women's Studies Centre:**
 - Workshop series on Gender Sensitization
 - Drafting of Projects on Women related issues
 - Appointment of Gender Champion as per UGC guidelines
 - Welfare of Akalgarh
- **Sri Guru Tegh Bahadur National Integration Chair:**
 - To organize and publish 2 Memorial Lectures.
 - To publish proceedings of National Workshop
 - Publications

- **Department of Mechanical Engineering**
 - Extensive curriculum revision for B.Tech. and M.Tech. courses by involving various stake holders.
 - Extension lectures/workshops for students for promoting placements.
- **Department of Chemistry:** National Seminar Feb. 2018.
- **Department of Physics:** As the department has been sanctioned a grant of Rs. 1,60,000 from CAS, we plan to form different committees to purchase the different items in the session 2017-18.
- **Department of Defence & Strategic Studies:**
 - Three Extension Lecture during 2017-18.
 - Consultancy Services for students joining in Defence & Para Military forces.
- **Centre for Advanced Media Studies:**
 - To organize media fest, Radio Workshop, Photography training workshop. To get Projector for the department. Visits to International Film Fest Goa and Film City Hyderabad.
 - Department is planning to have its own complete studio (indoor, outdoor) and auditorium. To develop extracurricular activities and interaction sessions with the students from industry.
- **Department of Hindi:** Conduct a Workshop for our research students in this session.
- **Department of Biotechnology:**
 - To organise a National/International Conference.
 - To strengthen student Placement.
 - Generation of funds
 - To promote research
- **Guru Gobind Singh Department of Religious Studies:**
 - To conduct one workshop.
 - To conduct two seminars.
 - To conduct Special Lectures, Group Discussions, Publications and etc.
 - Seminar on International Philosophy Day.
- **Department of Statistics:** Department is perusing the request for release of remaining grant (Rs. 7 Lac Approx.) from DST-FIST programme in the year 2017-18. This year also faculty members of the department are planning to present their respective research papers in various international conferences/symposia/workshops.
- **Department of Education and Community Services :**
 - Orientation regarding research tools and techniques will be provided to students through workshop and hands-on experience. Workshop regarding use of excel and SPSS will be conducted.
 - More emphasis on research will be given in the areas of inclusive education, Peace education, Skills development, Academic Freedom and Academic Competence.
 - To enhance academic and technical inputs in departmental courses including research programme to get special assistance from UGC.
 - Emphasis on working at international standards with respects to curriculum and providing excellence in research.
- **Department of Psychology**
 - To organise a National Level Conference.
 - To organise Guest and Expert Lectures keeping in mind the subject demand and the emerging research trends.

- To organise Workshops for the students to keep them abreast with the various aspects of the subject in an interactive manner.
- To facilitate Student Placement.
- **Department of Social Work**
 - Expansion of Field work activities.
 - Strengthening soft skills of the students for jobs.
- **Department of Human Genetics:** Department will organize conference in Feb., 2018.
- **Department of Library & Information Science:**
 - Follow-up Workshop 13-14 Oct 2017.
 - To develop information policy & strategy of MHRD, GOI
 - A three-day Workshop on the e-Granthalaya Software by NIC, GOI during the session 2017-18.
 - One/Two day Workshop on Greenstone Software during the session.
- **Department of Computer Engineering:**
 - To conduct more technical workshops for students.
 - To organize guest lectures and short term training upon upcoming trends in the technology to abridge the gap between the curriculum and the technical world.
 - To organize more GROUP discussions in the department for students to enhance their communication skills. Exp.
- **Department of Public Administration:**
 - International conference will be organized.
 - Linkages with important administrative institutions.
- **Department of Physiotherapy**
 - To organize National Physiotherapy Conference.
 - To expand the infrastructure of OPDs and Department.
 - To upgrade labs and equipments utilized in OPDs.
- **Department of Computer Science**
 - To set up workshop room cum auditorium with capacity of more than 100 PCs through UGC-SAP (DRS-III) Grants.
 - Conduct of IPR and anti-plagiarism related workshop during the first quarter of year 2018.
- **Department of Sanskrit and Pali**
 - Vedic Sammelan
- **Department of Civil Engg.**
 - To start M.Tech. and Ph.D. course.
- **Department of Security:** Strengthening of E-Surveillance and Traffic Management.
- **Department of Sports:** As per previous practices the Sports Department will be conducting Inter College Competitions in each discipline and will organize the North Zone/Inter University Competitions allotted by the AIU for the session 2017-18 (As per Sports Calendar of Association of Indian Universities (AIU) New Delhi)
- **University Institute of Impact Assessment:**
 - Plan to bring a New project on Bharat Petroleum corporation Ltd. for land acquisition.
 - A planning to bring a new project on acquisition of land for Bhnupali-Beri new BG rail line, District Rupnagar.
- **Centre for Census Studies & Research:** In process to organize a data dissemination workshop in collaboration with Directorate of Census Operations, Punjab.
- **Department of Economics:** We have planned one conference, two workshops and invited series of Lectures.

- **University School of Applied Management:**
 - Lateral entry in FYIC MBA in 4th year
 - M. Phil. programme for defence personnel.
- **Department of Zoology & Environmental Sciences:** International Conference on Zoological Sciences.
- **Department of Mathematics:** To apply for grant from NBHM for Departmental Library.
- **Department of Journalism and Mass Media:** Workshops on T.V. and Radio News production.
- **Department of History:** Sixth South Asian History Conference 2018.
- **Punjab School of Law:**
 - Department Plans to increase number of seats of B.A.LL.B. Course
 - To start new Law Diploma Courses.
 - To establish Dr. B. R. Ambedkar Chair in the department
 - To organise National Seminar.
- **Department of Gurmat Sangeet:** To conduct workshops regarding-Tanti Saaz, Voice Training Critical and comparative study of Ragas with prominent Keertankaras and education tours.
- **Department of Electronics and Communication Engineering:** Extension lectures/ workshops for students for promoting placements.
- **Department of Sports Science:** Plan to organize conference and Training workshops.
- **S.Sobha Singh Deptt. of Fine Arts:**
 - Annual Art Exhibition of the students and faculty of Fine Arts.
 - Art Workshops on Painting/Graphics/Portrait/Miniature Painting, Drawing by eminent artists on various themes and in varied styles.
 - Educational Tour to places of artistic importance included in the syllabi.
 - Visits to Art Exhibitions, Art Galleries, Museums.
 - Lecture-cum-demonstration by renowned artists on various subjects included in the syllabus.
- **Department of Punjabi:** Preparation of plan to set CAS II.
- **Department of Botany:** To hold National Conference.
- **Department of School of Management Studies:** Workshop on Research Methodology in March 2018.
- **Department of Theatre and Television:**
 - Furnishing of Studio Theatre.
 - Organising a Regional and National Theatre Festival
 - To collaborate with various organisations and institutions to provide opportunities to the students.
- **Department of Music:**
 - Workshop
 - Punjabi Folk Mela
 - Prof. Tara Singh Patiala Sangeet Sammellan
 - Music Concerts etc.
- **Department of Distance Education:**
 - Following the instructions issued by respective Board of Studies/Regular departments.
 - *Developing Study material.*
- **University School of Business Studies, PU Guru Kashi Campus Talwandi Sabo (Bathinda):**
 - To organize industrial trip for the students development

- To get department project financed by various funding agencies
- To organize extension lectures for the knowledge enrichment of students.
- **Punjabi University Campus, Maur (Bathinda):** Organise guest lectures.
- **Punjabi University Baba Jogi Pir Neighbourhood Campus, Ralla (Mansa):**
 - To enhance students placement in better companies.
 - To enhance the research facilities for students and teachers.
 - Start the new professional courses in future as MBA, M.Com. etc.
- **Nawab Sher Mohammad Khan Institute of Advanced Studies:** A National level one day Mushira will be organized in the near future of session 2017-18.
- **Education Department, Punjabi Uni. Regional Centre, Bathinda:** A Research Methodology Workshop in the month of Oct. 2017.
- **Yadavindra College of Engineering, Guru Kashi Campus, Talwandi Saboo:**
 - Innovation in Science in October 2017 at YCoE, Talwandi Sabo
 - Engineering Today February 2018 at Yadavindra College of Engineering, Talwandi Sabo.
 - Alumni meet 2017
- **Department of Law:** Department is planning to start faculty exchange programme and project with foreign collaborations. The department is also planning to approach leading National and International law firms, banks and other Institutions for the placement and internship of the students.
- **Department of Linguistics and Lexicography:** The department wishes to initiate project of Punjabi Linguistic terminologies. The renewal of Dialect Survey Project is required to record the social, cultural and linguistic variations in the region. The teaching material of Punjabi as a foreign/second language has to be replaced in electronic form. To cater the impact of globalization on local language and issues related to Diaspora Studies. The punjabi teaching material in electronic form should be developed. The department has plans to offer new courses and research disciplines like clinical linguistics, computational linguistics to student and researchers. The department is keen to include language courses for PG students in oriental and foreign languages for better job opportunities. The department intends to take of comprehensive punjabi phonetic dictionaries, on-line comprehensive Punjabi dictionaries and comprehensive Punjabi grammar, Punjabi Synonym Dictionary, Punjabi Thesaurus, Pocket Size, Mobile and subject dictionaries.
- **Research Centre for Punjabi Language Technology:**
 - Multilingual Support for new Akhar 2017.
 - Developing more than 100 Video lessons for Punjabi Teaching
 - Focusing to evolve technical solutions for Punjabi Language
 - Focusing to participate in standardization efforts in Punjabi.
- **Development of Punjabi Language:** The Oraganization of International Punjabi Language Development conference (annual) and Celebration of Mother Day on 13 May are the annual features of the department. A new lecture series has been initiated by the Department which is dedicated to the memory of Eminent. Punjabi Poet Dr. Harbhajan Singh and Bhai Kahan Singh Memorial Lectures are now an annual academic activity of the department. The department also timely organizes various seminars, workshops and book release functions. Under different schemes, Forty Six books are in printing process and many books have been reprinted keeping the need of readers prime. The Children Encyclopaedia has to be published in four Volumes, whose third part has been prepared and printed; The fourth parts are ready to be printed. The project of Hindi translation of Mahan Kosh has also been taken over. Work is being carried out on Mahan Kosh, Which

is being rewritten and published. In the same way, two special, issues of the various magazines published by the department and rest are under preparation process.

- ***Department of Gurmat Sangeet Chair:*** Gurmat Sangeet Chair will organise its annual programs and memorial programs. Chair will also record Archival Interviews of prominent artists in the field of Folk Music, Sufi Sangeet, Classical Music and Gurmat Sangeet that will be preserved in Archives of Music. Chair will also publish research material in the field of Gurmat Sangeet.
- ***Department of English:***
 - The department had proposed to carry out extensive updation and improvement of PG syllabi in the forthcoming Board of Post Graduate Studies Meeting. The department had also proposed to conduct a workshop on Creative Writing for those desirous to hone their writing skills and learn the art of creative writing. The department also proposed to invite academicians/scholars of repute to lecture students on varied areas as well as interact with them. It was also proposed to hold the annual Prof. B.R.Rao Memorial Lecture so as to enable learners to receive ideas innovative and fruitful.
 - Travel writing as Literature and History (National Seminar).

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