

**Central University of Punjab**

पंजाब केंद्रीय विश्वविद्यालय



**ANNUAL QUALITY  
ASSURANCE REPORT**

**2017-2018**



# THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

## Part – A

AQAR for the year

2017-18

### 1. Details of the Institution

1.1 Name of the Institution

Central University of Punjab

1.2 Address Line 1

City Campus

Address Line 2

Mansa Road

City/Town

Bathinda

State

Punjab

Pin Code

151001

Institution e-mail address

registrar@cup.edu.in

Contact Nos.

0164-2864106

Name of the Head of the Institution:

Prof. Ravinder Kumar Kohli

Tel. No. with STD Code:

0164-2430586

Mobile:

98722-01516

Name of the IQAC Co-ordinator:

Prof. S. K. Bawa

Mobile:

98153-23035

IQAC e-mail address:

iqacoffice@cup.edu.in

1.3 NAAC Track ID

PBUNGN11423

1.4 NAAC Executive Committee No. & Date:

EC (SC)/15/A&A/67.1  
Dated May 25, 2016

1.5 Website address:

www.cup.ac.in, www.cup.edu.in

Web-link of the AQAR:

[http://www.cup.ac.in/documents/AQAR\\_\(2017-18\).pdf](http://www.cup.ac.in/documents/AQAR_(2017-18).pdf)

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.06	2016	5 years

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

06-02-2015

## 1.8 AQAR for the year

2017-18

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

i. AQAR Zero report 2015-16 was uploaded on the university website.

ii. CUPB\_AQAR (2016-17) submitted to NAAC on January 3, 2018 and the same was uploaded on the university website.

## 1.10 Institutional Status

University State  Central  Deemed  Private Affiliated College Yes  No Constituent College Yes  No Autonomous college of UGC Yes  No Regulatory Agency approved Institution Yes  No Type of Institution Co-education  Men  Women Urban  Rural  Tribal Financial Status Grant-in-aid  UGC 2(f)  UGC 12B Grant-in-aid + Self Financing  Totally Self-financing 

## 1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu) TEI (Edu)  Engineering  Health Science  Management 

Others (Specify)

-

## 1.12 Name of the Affiliating University (for the Colleges)

N. A.

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

Autonomy by State/Central Govt. / University

Central Govt.

University with Potential for Excellence

-

UGC-CPE

-

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Programme

-

DST-FIST

Yes

UGC-Innovative PG programmes

-

Any other (Specify)

-

UGC-COP Programmes

-

## 2. IQAC Composition and Activities

2.1	No. of Teachers	10
2.2	No. of Administrative/Technical staff	5
2.3	No. of students	1
2.4	No. of Management representatives	0
2.5	No. of Alumni	0
2.6	No. of any other stakeholder and community representatives	0
2.7	No. of Employers/ Industrialists	1
2.8	No. of other External Experts	2
2.9	Total No. of members	19

2.10 No. of IQAC meetings held Three

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

- |   |
|---|
| <ol style="list-style-type: none"> <li>1. Seminar on Curriculum Design &amp; Development</li> <li>2. Preplacement talk</li> </ol> |
|---|

2.14 Significant Activities and contributions made by IQAC

### *Contributions of IQAC are:*

1. The criteria for Curriculum Audit was prepared and applied to 36 programmes of the University for Audit. It has 13 items, covering different aspects to improve quality in curriculum. (**Annexure-1**)
2. The criteria for Academic Audit (**Annexure-2**) was prepared, which covered the following aspects:
  - i) Teaching-Learning and Evaluation
  - ii) Curricular Aspects
  - iii) Research, Innovations and Extension
  - iv) Student support and progression

The Academic Audit was conducted for twenty-two (22) Departments of the University.
3. The criteria for Administrative Audit was prepared separately for each section of the university covering all aspects which are to be monitored and audited as given below:
  - i. Establishment & Recruitment (**Annexure-3**)
  - ii. Finance (**Annexure-4**)
  - iii. Examination (**Annexure-5**)
  - iv. Store & Purchase (**Annexure-6**)
  - v. Engineering (**Annexure-7**)

- vi. Health Centre (**Annexure-8**)
  - vii. Residential facilities including Tuckshop and Mess (**Annexure-9**)
  - viii. Security (**Annexure-10**)
  - ix. Hostels (**Annexure-11**)
  - x. Computer Centre (**Annexure-12**)
4. Mentoring System: To facilitate the mentoring system of the University, meetings of mentors-mentees were arranged. Report at **Annexure-13**.
  5. Establishment of Placement Training Cell: It consists of 6 members including 5 students. The cell has further formed a committee involving students for providing training to improve technical skills of students for the purpose of employability.
  6. The criteria for feedback of curriculum from students, parents, alumni, teachers and stakeholders was prepared and the feedback was collected through e-portal. (**Annexure-14 to 18**)
  7. For quality improvement in curriculum, template was prepared by distributing credits for different programmes of university covering all aspects of CBCS system. (**Annexure-19**)
  8. Improvement in implementation of choice based credit system (CBCS) by adding value added courses and provision for MOOC courses. (**Annexure-19**)
  9. Quality enhancement in academics by focusing on transaction modes, learning outcomes and latest references. (**Annexure-20**)

**Activities of IQAC are:**

1. Quarterly meetings of IQAC are conducted to improve quality in different academic and administrative matters. Detail of the meetings of the IQAC conducted in the year 2017-18 is as given below:
 

i)	7 <sup>th</sup> meeting of IQAC	August 17, 2017 ( <b>Annexure-21</b> )
ii)	8 <sup>th</sup> meeting of IQAC	December 21, 2017 ( <b>Annexure-22</b> )
iii)	9 <sup>th</sup> meeting of IQAC	February 23, 2018 ( <b>Annexure-23</b> )
2. IQAC organised a seminar on Curriculum Design and Development for the faculty members of the University. The experts talked about Bases of Curriculum Design & development and its assessment from the global perspective and different issues & concerns from the perspective of NAAC. Prof. G. C. Nanda, Prof. J.K. Dhillon (University of Worcester, U.K.) and Prof. A.K. Dhawan Former Dean, CUPB were invited as experts for presentation of their views on curriculum design and development. (**Annexure-24**)
3. Facilitated meetings of Board of Studies and School Boards.
4. IQAC conducted Curriculum Audit of 36 programmes of the university. (Report at **Annexure-25**)
5. IQAC conducted Internal and external Academic and Administrative Audit. Report of these audits are attached as **Annexure- 26 - 29**.
6. Conducted meetings with HoDs, faculty and students.
7. Facilitated the process of getting feedback on curriculum from students, teachers, parents and other stakeholders on e-portal through HOD's of the Departments.
8. IQAC emphasis on quality research work/publications and research projects. List of research projects attached at **Annexure-30**.
9. Dr. Smriti Khatri delivered a pre-placement lecture entitled 'Expectations of Medical Communication Industry from the fresher's+ of Lifesciences Sector' from Turaco Health Solutions (THS) on March 20, 2018.
10. Analysis of feedback of curriculum from Alumni, parents, stakeholders, students and teachers. (**Annexure-31 and 35**)
11. Collection, compilation of data and then uploading the compiled information on NIRF portal. Report attached at **Annexure-36**.
12. Analysis of Question Papers of different programmes selected randomly. (**Annexure-37**)
13. Analysis of Results of all students of session 2016-17. (**Annexure-38**)

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:

Sr. No.	Plan of Action	Achievements
1.	University plans to move to its own Campus at Village Ghudda, and start the academic session i.e. 2017-18 and expand its academic activities to meet the requirements of the society.	Shifting could not be done as scheduled due to non-completion of buildings. It is hoped that we may shift from the session 2018-19.
2.	The university will encourage the various centres to approach various funding agencies to develop and declare some of the centres as Centre of Excellences.	Due to young age, there is a limitation of eligibility. In due course, application will be made, when eligible.
3.	University shall make strenuous efforts to strengthen the Central Instrumentational Laboratory with High-End Analytical Equipment to meet the service requirement not only of the centres of the University as well as institutions/organisations from the surrounding areas on chargeable basis.	CIL's services have been opened to outside and in-house users on chargeable basis for providing its testing facilities. A dynamic portal is developed for sample checking in CIL and the outsiders have an easy access to the portal to apply for their sample checking.

2.16 Whether the AQAR was placed in statutory body Yes  No   
 Management  Syndicate  Any other body

- |   |
|---|
| 1. Academic Council<br>2. Executive Council |
|---|

2.17 Provide the details of the action taken

The following actions are taken by IQAC and details are as per action taken report of all meetings of IQAC:

1. Data for NIRF was compiled by IQAC and uploaded on the website.
2. UGC guidelines of having minimum 90 credits for per programme were implemented.
3. The regulations for Master Degree programmes regarding improvement of GPA was modified and ratified by AC & EC.
4. Format of answer sheets was modified for MST examinations.
5. To promote the use of library, the number of books issued to the students was increased.
6. The curriculum for all programmes have been designed and aligned with the syllabus of National Level Competitive Examinations.
7. A part-time Counsellor was appointed as approved in the meeting of IQAC.
8. To strengthen the Placement Cell, the Placement Cell was renamed as Placement Training Cell and a Placement Committee has been formed including students, which will coordinate with the Placement Training Cell.
9. Periodic assessment of Ph.D. students is carried out to ensure that they complete the degree within allocated time.
10. Workshop was conducted to give training to the mentors to strengthen the mentoring system.
11. To strengthen the Alumni Association, the University registered the association and 443 students were registered till 30<sup>th</sup> June 2018.
12. Academic Audit of all the departments was carried out by IQAC.
13. Courses are being developed on Solid and Hazardous Waste Management under MOOC and on Environmental Science and Technology under e-pathshala.
14. CIL services are opened for outside and in-house users on chargeable basis.

15. Seminar on curriculum design and development was conducted to improve the curriculum of all programmes of Central University of Punjab, Bathinda.
16. Rules for educational tours have been prepared.
17. Criteria for Curriculum Audit, Academic Audit and Administrative Audit was prepared by IQAC.
18. Academic Calendar of IQAC was prepared and uploaded on the website.
19. An e-portal for getting information from faculty was designed.
20. Feedback system was developed to get feedback from students, alumni, teachers, parents and other stake holders regarding curriculum of all programmes of university.



## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	20	02	-	All
PG	36	NIL	-	All
UG	NIL	NIL	NIL	NIL
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	<b>56</b>	<b>02</b>	<b>-</b>	<b>-</b>
Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of Programmes
Semester	In all programmes
Trimester	NA
Annual	NA

1.3 Feedback from stakeholders Alumni  Parents  Employers  Students   
(On all aspects)

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

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

The curriculum of all 36 programmes of University was revised/updated for the following features as given below:

1. Revision was based on the feedback provided by students, teachers and other stakeholders.
2. Programme outcomes and course outcomes are added.
3. Min. Credits for each programme are 90.
4. Each Programme has value added and interdisciplinary courses.
5. Flexibility for MOOC courses has been given in each programme.
6. Every course has been matched with teaching hours and the credits allocated to that course.
7. References/ Suggested books have been updated.
8. Teachers using ICT for effective teaching has been mentioned for every course as transaction mode.
9. The curriculum of all the programmes includes the topics of the syllabi of NET/CSIR exams and other competitive exams

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

The Department of Hindi has been established which offers postgraduate and PhD programme in Hindi language, literature and culture. The department has developed the curriculum. The courses have been designed in such a way that language, literature and culture can be studied independently and in an integrated manner. Presently, three faculty members are working in the Department.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
94	72	17	05	2 Chair Professors (Tenure based) One Assistant Professor under FRP Scheme (under UGC)

2.2 No. of permanent faculty with Ph.D.

92

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
04	16	0	27	01	17	-	-	05	60

2.4 No. of Guest and Visiting faculty and Temporary faculty

01

07

19

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International Level	National Level	State Level
<b>Attended</b>	41	119	58
<b>Presented papers</b>	50	146	52
<b>Resource Persons</b>	20	48	33

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

1. CUPB is actively involved in developing courses to be taught through MOOCs.
2. To emphasise student-centric methods of teaching-learning, the transaction modes for every course have been incorporated in the curriculum to make the faculty and students aware of it and can be effectively employed.

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

183

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

- (1) Online end term examination system is being followed for which question bank is prepared for each course and examination are given using MCQs.
- (2) To improve question papers, these were analysed and suggestions for improvement were given to faculty.
- (3) Two workshops to improve questioning skills were organised.

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

Faculty involved in Curriculum Development	111
Faculty involved in Board of Study	52
Faculty involved in School Board	48

2.10 Average percentage of attendance of students:

Average percentage of attendance of students is **94.2%**

## 2.11

## Course/Programme wise distribution of pass percentage :

S. No.	Title of the Programme	Total no. of students appeared		Division											
		Dec-2017 Exam	June-2018 Exam	Distinction %	Distinction %	I%	I%	II %	II %	III %	III %	Tot al	Tot al	Pass %	Pass %
				DEC	JUNE	DE C	JUN E	DE C	JU NE	DE C	JU NE	Dec	Jun e	DE C	JUN E
1	LL.M.	23	23	5	5	18	17	0	0	0	0	23	22	100.00	95.65
2	M.A. Economics	30	30	2	3	19	17	4	2	1	0	26	22	86.67	73.33
3	M.A. Education	15	15	4	6	11	9	0	0	0	0	15	15	100.00	100.00
4	M.A. English	26	26	2	4	14	16	7	4	0	0	23	24	88.46	92.31
5	M.A./M.Sc. Geography	22	22	7	9	10	11	5	2	0	0	22	22	100.00	100.00
6	M.A. Hindi	5	4	1	1	4	3	0	0	0	0	5	4	100.00	100.00
7	M.A. History	15	15	0	11	9	4	6	0	0	0	15	15	100.00	100.00
8	M.A. Political Science	18	18	2	2	11	12	3	3	0	0	16	17	88.89	94.44
9	M.A. Punjabi	26	24	16	9	9	8	1	1	0	0	26	18	100.00	75.00
10	M.A. Sociology	7	5	0	5	5	0	1	0	0	0	6	5	85.71	100.00
11	M.Ed.	28	27	12	19	13	7	1	1	0	0	26	27	92.86	100.00
12	M.Pharm. Pharmaceutical Sciences (Medicinal Chemistry)	28	26	14	10	11	16	1	0	0	0	26	26	92.86	100.00
13	M.Pharm. Pharmaceutical Sciences (Pharmacognosy and Phytochemistry)	12	12	7	2	3	9	2	1	0	0	12	12	100.00	100.00
14	M.Sc. Chemical Sciences (Medicinal Chemistry)	24	22	5	2	13	14	2	4	0	1	20	21	83.33	95.45
15	M.Sc. Chemistry	37	37	18	18	18	18	1	1	0	0	37	37	100.00	100.00
16	M.Sc. Chemistry (Computational Chemistry)	7	7	2	3	4	4	0	0	0	0	6	7	85.71	100.00
17	M.Sc. Environment Science and Technology	33	33	8	3	14	15	5	9	0	0	27	27	81.82	81.82
18	M.Sc. Food Science & Technology	15	15	4	4	10	11	0	0	0	0	14	15	93.33	100.00
19	M.Sc. Geology	28	28	3	6	21	22	4	0	0	0	28	28	100.00	100.00
20	M.Sc. Life Sciences (Specialization in Animal Sciences)	36	35	10	9	24	23	2	3	0	0	36	35	100.00	100.00

21	M.Sc. Life Sciences (Specialization in Biochemistry)	36	35	8	3	24	15	3	14	0	0	35	32	97.2 2	91.4 3
22	M.Sc. Life Sciences (Specialization in Bioinformatics)	20	20	0	5	11	10	5	4	0	0	16	19	80.0 0	95.0 0
23	M.Sc. Life Sciences (Specialization in Human Genetics)	30	30	4	2	18	16	6	11	0	0	28	29	93.3 3	96.6 7
24	M.Sc. Life Sciences (Specialization in Microbial Sciences)	25	24	8	7	17	16	0	1	0	0	25	24	100. 00	100. 00
25	M.Sc. Life Sciences (Specialization in Molecular Medicine)	29	28	6	8	16	17	4	1	0	2	26	28	89.6 6	100. 00
26	M.Sc. Life Sciences (Specialization in Plant Sciences)	35	35	1	8	16	15	7	6	0	0	24	29	68.5 7	82.8 6
27	M.Sc. Mathematics	32	31	7	10	13	14	4	5	1	0	25	29	78.1 3	93.5 5
28	M.Sc. Physics	34	33	3	9	25	23	4	1	1	0	33	33	97.0 6	100. 00
29	M.Sc. Physics (Computational Physics)	9	9	0	1	7	8	2	0	0	0	9	9	100. 00	100. 00
30	M.Sc. Statistics	15	15	1	3	6	8	2	3	2	0	11	14	73.3 3	93.3 3
31	M.Tech. Computer Science and Technology	33	33	13	12	19	18	0	1	0	0	32	31	96.9 7	93.9 4
32	M.Tech. Computer Science and Technology (Cyber Security)	30	30	11	7	11	20	7	2	0	0	29	29	96.6 7	96.6 7
33	MBA Agribusiness	16	16	5	4	5	8	2	4	0	0	12	16	75.0 0	100. 00
34	M.A. Mass Communication & Journalism	6	6	2	5	2	1	2	0	0	0	6	6	100. 00	100. 00
35	M.Com.	24	23	4	1	15	16	3	5	0	1	22	23	91.6 7	100. 00
36	M.Sc. Chemistry (Specialization in Applied Chemistry)	12	12	2	4	7	6	2	2	0	0	11	12	91.6 7	100. 00

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

- IQAC analyses curriculum, conducts curriculum audit, ensures its improvement and then uploads on the website.
- Question papers are analysed, feedback is given to teachers to improve.
- Transaction modes are checked in the curriculum and monitored through knowledge repository of the university
- Time table of all programmes has been centralised, pasted in front of every classroom to monitor.
- Attendance of students has been made online to monitor the exposure of students to every course.
- To evaluate teaching Learning Process, feedback from students of teachers and curriculum is taken and analysed.
- Result analysis of students is done to monitor and evaluate teaching- Learning process.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	11
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	13
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	12
Others (Short term courses, Faculty Development programmes, Exchange of scholar programmes, capacity building programmes, AICTE, etc.)	6

2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>*Number of Permanent Employees</b>	<b>**Number of permanent positions filled during the Year</b>	<b>Number of positions filled temporarily</b>
Administrative Staff	73	23	02
Technical Staff	19	04	04

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Lab audit was conducted so that facilities for research can be improved and created wherever required.
- As per the policy decision, initiated annual research awards for faculty for good publications in high impact factor journals.
- As per the policy, to nurture better research, 40% of the overhead charges of research projects are given to the principal investigator for their professional growth.
- Workshops on research are organised for better interaction with peers in their fields by different departments.
- MoU's with international and national organisations have been signed for exchange of better ideas in research.
- Seed money of Rs. 1.5 to 3 lacs is offered to newly recruited faculty to kick start their research.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned
<b>Number</b>	17	60	14
<b>Outlay Rs. In Lakhs</b>	436.16	3827.01	1924.49

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned
<b>Number</b>	26	31	8
<b>Outlay Rs. in Lakhs</b>	150.75	218.72	49.77

#### 3.4 Details on research publications:

	International	National	Others
<b>Peer Review Journals</b>	71	73	39
<b>Non-Peer Review Journals</b>	7	8	12
<b>e-Journals</b>	34	14	5
<b>Conference proceedings</b>	39	23	3

#### 3.5 Details on Impact factor of publications:

Range	0.348-20.955	h-index (As per scopus)	10	Nos. in SCOPUS	143
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#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations (Financial Year April 17 to March 18)

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs. in Lacs)
Major projects	2017-18	DST, DBT, UGC, MHRD, MoFPI, ICSSR, NBHM, DST-SERB, CSIR, BRNS, ICMR	1924.49
Minor Projects	2017-18		49.77
Projects sponsored by the University	2017-2018	Central University of Punjab (Research Seed Money)	33.00
<b>Total</b>			<b>2007.26</b>

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Centre/Departments receiving funds from:  
 UGC-SAP  CAS  DST-FIST   
 DPE  DBT Scheme/funds

3.9 For colleges NA Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution University  National

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :  
 From Funding agency  From Management of University/College   
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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

Total	International	National	State	University	Dist	College
64	10	28	2	24	-	-

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

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

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)  
 JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:  
 University level  State level   
 National level  International level



3.22 No. of students participated in NCC events:

University level	-	State level	-
National level	-	International level	-

3.23 No. of Awards won in NSS:

University level	-	State level	-
National level	-	International level	-

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	47	College forum	-
NCC	-	NSS	35
		Any other	-

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

**Activities conducted jointly by Community Development Cell, Vardaan Club and NSS**

S. No.	Activities	Date	Place	Faculty
1	Free health camp for the vital organ function tests	June 28, 2017	Baho Yatri	Monisha Dhiman
2	Free health camp for the vital organ function tests	July 01, 2017	Chaak Attar Singhwala	Monisha Dhiman Deepak Chauhan
3	Tree Plantation and cleanliness drive	July 23, 2017	Chaak Attar Singhwala	Monisha Dhiman Deepak Chauhan
4	Free health camp for the vital organ function tests	July 25, 2017	Ghudda Village	Monisha Dhiman
5	Free health camp for the vital organ function tests	July 29, 2017	Jhumba Village	Monisha Dhiman
6	Free health camp for the vital organ function tests	September 02, 2017	Jhumba Village	Monisha Dhiman
7	Tree plantation Awareness about cleanliness (Swachh Bharat Abhiyaan activity)	September 08, 2017	Ghudda Village	Deepak Chauhan Ashwini Sharma
8	Free tests for vital organ functions, diabetes and hypertension	September 15, 2017	Jhumba Village	Monisha Dhiman
9	Free health camp for the vital organ function tests	September 22, 2017	Ghudda Village	Monisha Dhiman
10	Free health camp for the vital organ function tests	September 23, 2017	Jhumba Village	Monisha Dhiman
11	World Heart Day: Free health camp for the vital organ function tests	September 29, 2017	CUPB, Campus Open for all the staff and their families	Monisha Dhiman Deepak Chauhan Ashwini Sharma
12	Session on personal hygiene	September 11, 2017	Senior Secondary School, <i>Jassi Pau Wali</i>	Monisha Dhiman Ashwini Sharma
13	Vigilance Awareness Week Activities	November 1, 2017	Bathinda Walk and cycle rally to spread awareness for	Monisha Dhiman Felix Bast

			Corruption Free India	
14	World AIDS Day: Poster making, painting and slogan writing competitions	December 1, 2017	CUPB campus	Monisha Dhiman Deepak Chauhan Ashwini Sharma
15	Unnat Bharat Abhiyaan activity: Door to Door Household survey	March 15-16, 2018	Ghudda village	Monisha Dhiman Deepak Chauhan Sunil Mittal
16	Unnat Bharat Abhiyaan activity: Door to Door Household survey	January 20, 2018	Baho Yatri	Monisha Dhiman Deepak Chauhan Sunil Mittal Naresh Singla Sandeep Kaur
17	World Health Day: Special Health camp for elderly people (age above 50)	April 07, 2018	CUPB, Campus Open for all the staff and their families	Monisha Dhiman Ashwini Sharma
18	Free tests for vital organ functions, diabetes and hypertension	May 23, 2018	CUPB, Campus Staff and their families	Monisha Dhiman
19	World Environment Day	June 05, 2018	-Cleanliness Drive in CUPB campus -Cleanliness awareness session for slum kids in Bathinda	Monisha Dhiman

**Rashtriya Aavishkar Abhiyaan Activities in CUPB:** Rashtriya Aavishkar Abhiyaan programme of the university is inculcating an enquiry-based learning in the fields of maths and science.

20. On November 16, 2017, 50 students and five teachers from various Govt. schools of Punjab visited Central University of Punjab to see the university museum, library, laboratories and other facilities of the University.
21. Students of B.Sc. Biotechnology from Maharishi Dayanand College, Sri Ganganagar visited the university on 05 December, 2017 to interact with the faculty and to know about the various career opportunities and prospects of Life Sciences subjects.
22. Visit to the local colleges in Bathinda to share information about recent trends in various life sciences fields. Monisha Dhiman was invited by Department of Biotechnology, Baba Farid College to deliver an expert lecture on “Novel Approaches in Research for Agriculture and Biotechnology” in Faculty Development programme on 17 January, 2018.
23. *Service Learning* - The Centre for Education started this programme in one of the villages adopted by CUPB i.e. Nandgarh. The main purpose of this programme was to provide academic assistance to the students belonging to the disadvantaged sections of our society. Besides academics, the scholars of the Centre were encouraged to groom the students of the village with regard to general conduct and etiquettes. They were also encouraged to create environment awareness among the students of the village Nandgarh.

## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing
Campus area	35 acre (506 acre as New Campus)
Class rooms	1203 sq. m.
Laboratories	1870 sq. m.
Seminar Halls	103.81 sq. m.
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	17
Value of the equipment purchased during the year (Rs. in Lakhs)	1,44.48

#### 4.2 Computerization of administration and library

The library caters to the information need of students, researchers, faculty and academicians of the university. It is fully air-conditioned and is located at a central place in the Academic Block with state-of-the-art seating facility apart from providing a quiet and restoring ambience. The interior of the library is enabled with Wi-Fi connectivity allowing the users to work within the library by accessing both offline and online resources. The library has equipped with modern surveillance system such as CC TV, 3M & RFID security system, self-check-in and check-out system, etc. The library automated using SLIM 21 Integrated Library Management software with OPAC facility to search and browse the library resources and SMS/email notification about due dates and overdue of books, etc. The library presently has over 37,828 titles, subscribes to 80 national print journals and 7242 e- journals and eight databases. The University Library subscribes to a large number of electronic journals and databases through the e-Shodh Sindhu Digital Library consortium. These e-resources subscribed from the various publisher and scholarly societies such as American Chemical Society, American Physical Society, Annual Reviews, Economic & Political Weekly, JSTOR, Oxford University Press, Nature, Project Muse, Springer Link, Taylor & Francis, Wiley-Blackwell, Sage etc. The University Library has access to all important full-text databases, which includes Web of Science, Scopus EPWRF India Time Series, Indiatat.com, DELNET Online, ISID (The Institute for Studies in Industrial Development), JCCC (J-Gate Custom Content for Consortium), Manuparta etc. The Library provides plagiarism checker tools such as URKUND and Grammarly to the user community. The Library provides immense support to the scholarly community through online and off-line resources, which increases the research productivity of the faculty members as well as University. The Library facility and services available to all the user community from 8.00 AM to 2.00 AM.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	34,271	69,54,125	3,549	60,15,734	37,820	1,29,69,860
Reference Books						
e-Books	10	95,233	0	0	10	95,233
Journals	71	49,35,208	09	10,600	80	10,600
e-Journals	11285		- 4043		7,242	14,34,330
Digital Database	14		- 06		08	64,18,233
CD & Video	451	5,875			451	5,875
Others (specify)	-	-				

#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others (Laptop)
Existing	554	159	554	184	184	41	170	38
Added	125	25	-	-	100	-	-	-
<b>Total</b>	<b>679</b>	<b>184</b>	<b>554</b>	<b>184</b>	<b>284</b>	<b>41</b>	<b>170</b>	<b>38</b>

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

Under campus Wi-fi project of MHRD Central University has received Rs. 5.33 Crores. In city campus, Passive implementation is complete. Installation of active components will start in June 2018.

##### *Computer Literacy Program*

"The two week computer literacy program was held from 26-6-18 till 8-7-18. A total of 43 participants were enrolled for the program under three categories basic computer literacy programme (23), basic web designing (6) and basic of PC repairing and networking (14). The course was conducted by the computer centre staff and coordinated by Head, Computer Centre.

#### 4.6 Amount spent on maintenance in lakhs:

i. ICT	5.99
ii. Campus Infrastructure and facilities	16.46
iii. Equipment	8.06
iv. Others	14.56
<b>Total:</b>	<b>45.07</b>

## Criterion – V

### 5. Student Support and Progression

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

- Increase in the seats of all programmes for admission
- Analysis of results to improve further in academics
- Inclusion of courses to improve technical and communication skills.
- Timely declaration of results of students
- Zero delay in awarding error free degrees and DMCs
- Value added courses, Interdisciplinary courses, and skill-based courses are being offered in different programmes.

#### 5.2 Efforts made by the institution for tracking the progression

1. CUPB increased the seats in few programmes as per the facilities available in the University.
2. Analysis of results of all programmes was done and action was taken accordingly.
3. Reason for failure were identified and problems were solved.
4. Efforts were made to ensure that the work of research at doctorate level is expedited for timely completion.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
NA	830	173	NA

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
192	32	23	87	-	334	260	60	31	143	2	496

(b) No. of students outside the state

705

(c) No. of international students

NA

Men

No	%
NA	-

Women

No	%
NA	-

Demand ratio 41.461

Dropout (%) 2.42%

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

Coaching is provided in General Knowledge, Information and Communication Technology (ICT), Reasoning (Including Mathematical), Current Affairs, Data interpretation, Research Aptitude, People and environment, Higher Education System: Governance, Polity And Administration for UGC NET paper- I examinations. For CSIR Net examination coaching is provided in Life Sciences, Environmental Sciences, Chemical sciences and other subjects. Subject specific classes are conducted on the basis of the demand raised by the students. These classes are also arranged in the form of remedial classes. The faculty members also put efforts to provide guidance for the slow learners. A team of committed teachers and specialists of proven merit provide a professional edge to the Cell. Over the years, the CEC has catered to the need of students with fair degree of success. This has greatly helped to improve the performance of all the students in various examinations.

### 5.5 No. of students qualified in these examinations

NET	21	SET/SLET	-	GATE	32	CSIR-NET	23		
IAS/IPS etc	-	State PSC	-	ICAR-NET	9	GPAT	1	Others	14

### 5.6 Details of student counselling and career guidance

- *Adoption of mentoring system:* All students of the university are allotted mentors for individual counselling. The mentors hold the meetings with the mentees from time to time.
- A part-time counsellor is also appointed to deal with the day to day problems of the students.
- *Workshop on 'Counseling Techniques for Mentors', 19<sup>th</sup> & 20<sup>th</sup> September 2017*  
The Student Counseling Cell organized a workshop on 'Counseling Techniques' for mentors on 19<sup>th</sup> & 20<sup>th</sup> September, 2017 with an aim of preparing the mentors of the University to counsel their students whenever required. Prof. Vidhu Mohan, Panjab University, Chandigarh was invited as an expert for giving training to the faculty members. Approximately, 25 mentors participated in the workshop.
- *Special Lecture on Psychological Disorders and Promoting Mental Health and Counselling Sessions held on 6<sup>th</sup> and 7<sup>th</sup> February 2018*  
The Student Counselling Cell invited an eminent Psychologist Prof. Vinay Mishra, Dean Humanities and HoD, Department of Psychology of The Bhopal School of Social Sciences, Bhopal for a special lecture on Psychological Disorders and Promoting Mental Health on 6<sup>th</sup> February 2018 at the Auditorium. During the lecture, Prof. Vinay Mishra dealt with the social stigma and misconceptions related while dealing with mental health issues. He emphasized on disorders like Phobias, Obsessive Compulsive disorders, Schizophrenia, Eating Disorders, Depression, Mood Disorders, Bi-Polar Disorders and related topics of Addiction and Suicide.

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
-	-	-	68

### 5.8 Details of gender sensitization programmes

The university puts in best efforts to ensure that no community faces incidents of discrimination on the campus. As per the guidelines given by UGC and Supreme Court of India, the university has set-up a separate cell with the purpose of making the university a gender sensitive institution, where all the women employees and students could achieve their full potential.

*Gender Sensitization and Committee against Sexual Harassment* to deal with the complaints regarding sexual harassment/abuse in Central University of Punjab, Bathinda, a committee has been constituted. There is a provision for online filing of the complaints also. CUPB has a very active Human Rights Club, which regularly organizes awareness programmes about human rights. The composition of the same is as follows:

### Composition of Gender Sensitization and Committee against Sexual Harassment at CUPB

1.	Prof. Anjana Munshi Professor, Centre for Human Genetics & Molecular Medicine, CUP, Bathinda	Presiding Officer
2.	Dr. Arun Bala Department of English, Govt. Rajindra College, Bathinda	Member
3.	Dr. Anil Kumar Mantha Associate Professor, Centre for Animal Sciences, CUP, Bathinda	Member
4.	Dr. Alpna Saini Associate Professor, Centre for Languages & Comparative Literature, CUP, Bathinda	Member
5.	Dr. Deepak Kumar Associate Professor, Centre for Law, CUP, Bathinda	Member
6.	Dr. Kiran Kumari Singh Assistant Professor, Centre for Geography & Geology, CUP, Bathinda	Member
7.	Mrs. Poonam Rani UDC, CUP, Bathinda	Member
8.	Mrs. Veerpal Kaur Library Assistant, CUP, Bathinda	Member
9.	Mrs. Shweta Arora (Member) Deputy Registrar, CUP, Bathinda	Member Secretary

#### 5.9 Students Activities

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

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

#### 5.10 Scholarships and Financial Support:

	Number of students	Amount
Financial support from institution	46	1.41 lacs
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/National recognitions	2	-

5.11 Student organised / initiatives :

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

**Details of activities undertaken are as follows:**

**Activities by NSS**

Sr. No.	Details of Activities	Dates
1.	Swachta Pakhwaadha and NSS Orientation	01.08.2017 to 15.08.2017
2.	Cleanliness and Maintenance of Plants in City Campus)	12.08.2017,
3.	Mega Plantation Drive, Main Campus, Ghudda. Independence day.	15.08.2017
4.	Plantation Drive camp at University main campus, Ghudda	19.08.2017
5.	Cleaningness and plantation drive during celebration of swachhta pakhwada	08.09.2017
6.	Cleaningness and plantation drive during celebration of swachhta pakhwada	12.09.2017
7.	Plantation drive at main campus of CUPB	16.09.2017
8.	Plantation drive at main campus of CUPB	23.09.2017
9.	Health camp at CUPB city campus	29.09.2017
10.	Plantation Drive camp under biodiversity and celebrated wild life week at ZOO (Beer Talab, Bathinda)	7.10.2017
11.	Participation in NSS Pre-RD Parade selection at Lovely Professional University Jalandhar	11.10.2017
12.	Participation in NSS Pre-RD selection camp at CCS Agricultural University, Hissar.	25.10.2017 to 03.11.2017
13.	Vigilance Awareness Week (30.10.2017 to 4.11.2017)	2.11.2018 ( Katar Singh Wala)
14.	Women's Day (Qaumi Ekta )	24.11.2017
15.	Conservation Day	25.11.2017
16.	AIDS day	01.12.2017
17.	Human Rights Day at Jassi Pau Wali	10.12.2017
18.	District Level Poster Making/Slogan Writing and Blood Donation Camp	12.12.2017
19.	District Level Speech Competition on the "Relevance of Swami Vivekananda's Philosophy in 21 <sup>st</sup> Century"	12.01.2018
20.	Village Survey as per Unnat Bharat Abhiyaan at Bahu Yatri	20.01.2018
21.	RD-Parade-2018 at CUPB	26.01.2018 (12.01.2018 to 26.01.2018)
22.	One day camp for plantation Drive and Maintenance of plants at Main campus of CUPB	24.02.2018
23.	Celebration of Women's Day at CUPB in collaboration with Youth Services, Punjab, Bathinda	08.03.2018
24.	Village Survey as per Unnat Bharat Abhiyaan at Village Ghudda	16.03.2018 to 17.03.2018
25.	Martyr's day of Sardar Bhagat Singh, Rajguru and Sukhdev was celebrated as Drug Free Day at Central University of Punjab, Bathinda	23.03.2018



## **List of Commemorative Days**

### **January**

- January 12 - National Youth Day (India)
- January 26 - Republic Day (India)

### **February**

- February 4 - World Cancer Day

### **March**

- March 3 - World-Wild life day
- March 8 - International Women's Day
- March 22 - World Water Day

### **April**

- April 7- World Health Day (WHO)
- April 22- Earth Day
- April 25 - World Malaria Day (WHO)

### **May**

- May 1- Labour Day
- May 9-10 - World Migratory Bird Day (UNEP)
- May 22 - Biological Diversity Day
- May 29 - International Day of U.N. Peace-Keeping
- May 31- World No Tobacco Day (WHO)

### **June**

- June 5 - World Environment Day (UNEP)
- June 12 - World Day against Child Labour
- June 14 - World Blood Donor Day (WHO)
- June 21 - Yoga Day
- June 26 - International Day against Drug Abuse and Illicit Trafficking

### **July**

- July 11 - World Population Day (UNDP)
- July 18 - Nelson Mandela International Day
- July 30 - International Day of Friendship

### **August**

- August 15 - Independence Day (India)
- August 20 - Solar Energy Day (India)

### **September**

- September 5 - Teachers' Day (India)
- September 8 - International Literacy Day (UNESCO)
- September 15 - International Day of Democracy
- September 16 - International Day for presentation of Ozone Layer
- September 21- International Day of Peace

### **October**

- October 1- International Day of older persons
- October 2- International Day of Non-Violence or Gandhi Jayanti
- October 10 - World Mental Health Day (India)

- October 11- International Day of Girl Child
- October 16- World Food Day (FAO)
- October 24- United Nations Day

### **November**

- November 10 - World Science Day for Peace and Development
- November 14 - World Diabetes Day or Children's Day
- November 25 - Law Day

### **December**

- December 1 - World AIDS Day
- December 3 - International Day of Persons with Disabilities
- December 5 - International Soil Day (FAO)
- December 10 - Human Rights Day

5.13 Major grievances of students (if any) redressed:

#### **Received on portal (online)**

1.	<b>PMOPG/D/2017/0475214 dated 06.10.2017</b>	<b>Reply given on portal</b>
		<p>With reference to the grievance of the applicant, the University has informed that as per procedures followed in the University, refund of academic fee and hostel fee on cancellation of admission, the student must need to obtain the No Dues Certificates from concerned offices and submit the same to the Office for refund. In this case Ms. Radhika Goel who cancelled her admission in MA Economics for session 2017-18, it is submitted that formalities of refund of Academic fee was completed on 10.08.2017 and case for refund of academic fee to the students who cancelled their admissions was sent to Bank for transfer the same on 11.08.2017, wherein the fee of applicant was also sent for refund. However, due to some technical reasons, the transaction could not succeeded. Then on 21.08.2017 the same was again forwarded to Bank for transfer, which was again, remain unsuccessful. The same was conveyed to the concerned student telephonically. On dated 09.11.2017, the concerned student submitted bank details for transfer of her fee, which was totally different from the bank details provided earlier. The university sent the bank advice on 09.11.2017 for transfer of fee to the concerned student as per fresh details provided by her, which was successfully transferred to her account on 10.11.2017. The student completed all the formalities of No Dues Certificate on 09.11.2017 and approval of the Competent Authority was accorded on 10.11.2017 for refund of her hostel fee. After completing all the due formalities, bank advice has been sent to bank on 23.11.2017 for transferring the hostel fee amount in to the account of applicant. In view of the above, it is submitted that delay in refund of fee was due to technical/ administrative lapses at the part of student itself. Since, as of now the fee has been refunded</p>

		to the applicant, the above grievance may be disposed off.
2.	<b>PMOPG/D/2017/0523167 dated 06.11.2017</b>	<p><b>Reply Given on portal</b></p> <p>With reference to the Grievance No. PMOPG/D/2017/0523167 of Sh. Jaswinder Singh, it is submitted that same kind of grievance by the complainant was received in the University in July 2017 vide MHRD letter No. 35-38/2012 (CU) dated 22 Jun2017 wherein the complainant levelled some allegations on one the faculty members of the University. The whole matter was examined by the duly constituted committee. The detailed report was forwarded to MHRD vide university letter No. CUPB/CC/17/1651 dated 28.09.2017 with a plea that the complaint of Sh. Jaswinder Singh is not based on facts and is frivolous, false and unjustified. Copy of the reply dated 28.09.2017 given to MHRD is attached herewith. As far as the concern is about not starting the courses of 2nd year and 3rd year UGC Scheme of Community College is, it is submitted that UGC Scheme of Community College was only for two year 2015-2017 and finances were only upto 30.09.2017. Now, as per approval of the Competent Authority, in anticipation to ratification by the University Statutory bodies, the courses have been started. In view of the above, said grievance may be disposed off.</p>
3.	<b>PMOPG/D/2018/0180322 dated 17.05.2018</b>	<p><b>Reply given on portal</b></p> <p>With reference to the grievance of the applicant, following few facts are submitted: 1. The alleged incident took place on 27.02.2018 in the night. 2. Immediately on verbal complaint, the mess worker was shunted out from campus/University. Complainant was asked if she wishes to file a police complaint. 3. Complainant refused to file police complaint. 4. Complainant filed written complaint on 03.03.2018. ICC deliberated on the issue. 5. Complainant on 09.03.2018 submitted a satisfactory report to ICC and again refused to file police complaint. 6. Complainant was provided counselling on 11.03.2018. 7. Complainant desired to file a police complaint on 12.03.2018 and was assured University support. 8. FIR was lodged on 20.03.2018. 9. Police officials visited the University campus, contacted Arvind's family/ Submitted interim, report to University on 01.06.2018 10. Accused surrendered himself on 18.06.2018. Detailed report is attached herewith. In view of the above concrete facts, belief of Ms. Mohanta is unfound. The said grievance may be disposed off.</p>

## Criterion – VI

### 6. Governance, Leadership and Management

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

The Central University of Punjab envisions to:

- Uplift and upgrade the standards of teaching, learning and research to global levels of excellence;
- Create international benchmarks in research, patents and consultancy services;
- Strategize to become a global epicenter of knowledge, culture, skills and technologies;
- Develop a scientific temper and a performance culture of pro-active decision-making;
- Act as a catalyst of change by setting high water-marks in infrastructural growth, in academic and co-academic excellence, in learning and evaluation, in social interfacing with the stakeholders, in human resource development, in safety and security systems, in process management, and in seamless integration with the surrounding communities;
- Cross-pollinate with new ideas, new technologies, new platforms and new world-views;
- Continue expanding and exploring, locally, nationally and globally

#### **Our Mission is to:**

- Offer a wide range of instructional and research facilities across integrated and cross-disciplinary studies;
- Promote innovation in teaching, learning, evaluation, research and consultancy services;
- Create an ignited workforce responsive to regional, national and global needs in tune with the requirements of academics, industry, business and administration ;
- Participate in the problems and concerns of the surrounding community and the civil society

#### 6.2 Does the Institution has a management Information System

Yes

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

##### 6.3.1 Curriculum Development

To improve the curriculum of all programmes of the University, the following strategies are adopted:

- (i) Online feedback system from students, Alumni, other stakeholders and teachers is developed. The feedback of different courses is analysed and curriculum is improved.
- (ii) Curriculum Development Committees of our departments update the curriculum of all courses.
- (iii) Curriculum Audit checks the various components of designing and development of curriculum like, credits, learning outcomes, transaction modes, teaching hours and suggested readings. The curriculum is further enriched by the views of experts of Board of Studies and School Boards.

This process is repeated every year to improve the quality and updation of the curriculum.

##### 6.3.2 Teaching and Learning

- Focus on transaction modes and to be uploaded on knowledge repository of the university.
- Field visits have been increased.

### 6.3.3 Examination and Evaluation

To improve quality of the examination system the strategies adopted are:

- (i) University is following CBCS, 10 point system in all Master Degree programmes.
- (ii) End term examination is made online.
- (iii) Results are declared within a week.
- (iv) The pattern of examination is continuous and well distributed within the semester as given below:
  - a. Surprise tests (distributed throughout the semester)
  - b. MST (after 8 weeks)
  - c. Assignments (distributed throughout the semester)
  - d. Term paper (last week of the semester)
  - e. Second MST (after first MST 16 weeks)
  - f. End term examination (after 5 weeks)
- (v) For improving evaluation system, the following steps are being taken:
  - a. All answer sheets are shown to the students.
  - b. Question papers are analysed and feedback is given to the teachers.
  - c. Both subjective and objective evaluation is followed for all programmes.
  - d. Workshop for teachers was organised to improve the skill of framing of questions.

### 6.3.4 Research and Development

- A. To improve quality in research at Master and Doctorate level, the strategies followed are:
  - Periodic reporting of the progress of research by scholars is taken through seminars.
  - Biannual seminars by research scholars are presented on current issues of research.
  - Updated data bases are provided through library.
  - Research scholars are encouraged to participate in national and international conferences related to their research work.
  - Workshops on research methodology are organised for them.
- B. Quality research by teachers:
  - Incentives for publication of research are given by University.
  - Best publications awards are given to faculty by the University.
  - Out of consultancy projects, 40% of the amount is given for research of faculty.

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

#### **Library**

- Library is fully automated with SLIM21 software, equipped with Radio Frequency Identification (RFID) and Electro Magnetic Security System (EMSS) for providing automated self-service facility to the users and high end security. RFID system installed is of latest technology and configuration to ensure efficient service delivery and security with minimum human input through electric surveillance.
- Automated reminder service is provided to the users regarding returning of books and information about reserve books.
- On line facility of renewal of books by users.
- Timings for user have been increased till 2:00 a.m.
- Knowledge repository has been developed to access faculty research output.
- To purchase quality books, books exhibition is organised every year and reputed publishers are invited. Faculty and students get opportunity to select and receive good quality of books.
- The library provides off campus access service of all electronic resources 24x7 to users.

- The library has developed a faculty profile system to showcase their research contribution to academic community.

### **ICT**

- 10 LCD projectors and 2 LED screens have been purchased to make the classroom ICT enabled.
- ERP at Central University of Punjab:  
The Central University of Punjab has installed and customized an open source ERP system to automate all the academic and administrative activities such as student registration, admission, hostel allocation, examination, course management, faculty & staff management, budget, project, finance, and account.
- CUP Institutional Repository (Knowledge Repository):  
The University Library has set up an Institutional repository to archive the scholarly communication activities at the University. The CUP Knowledge Repository has collected 973 items published by the faculty members, which includes journal articles, conference papers, and presentation, etc. The knowledge repository brings more visibility to the scholarly work created by the faculty members and scholars.
- CUP Faculty Profile:  
The University Library has set up the Research Information Management System called CUP Scholars Profile to showcase the research-related activities of the Faculty members. The Scholar Profile system integrated with metadata providers such as ORCID ID, Scopus, Google Scholars, CrossRef, BASE, Altmetrics to bring the citation and social metrics. It brings more visibility to faculty contribution and creates an opportunity for collaborative projects.
- Off Campus Access:  
The Off Campus Access Services provided to the library users to access the e-resources from anywhere.

### **Physical Infrastructure**

- Fully equipped with fire, earthquake and other exigencies in new campus.
- GRIHA compliance green buildings, eco-friendly and insulated walls in the new campus.
- Using fly ash bricks and ACC blocks which are environmental friendly.
- Natural contours have not been disturbed.
- No trees are cut rather routes are diverted to save good trees.

### **Instrumentation**

- SOP's are available for every instrument.
- Expression of interest above 50 lakhs is called to get good quality and latest technology related equipment.
- Technical analysis of every equipment and feedback from the users from Central Government institutions is taken.
- National committee is constituted by Hon'ble Vice Chancellor for purchase of quality high cost equipment e.g. DNA sequencer, Field-Emission Scanning Electron microscope, Confocal Laser Scanning Microscope with Fluorescence Correlation Spectroscopy and other sophisticated equipment, Atomic Absorption Spectrophotometer, Gas Chromatographic Mass Spectrometer, Fourier Transform Infrared Spectrometer and Microvoltmeter.
- The University follows ISO standards to purchase Hi-end analytical instruments.
- AMC and CMC rates are generally fixed after warranty period to maintain the quality of instruments.

- It is ensured through a certificate from supplier that spare parts of the hi-end quality instruments will be available with the supplier for at-least ten years after the supply of the instrument to keep the instruments in good working condition.

#### 6.3.6 Human Resource Management

- Training to non-teaching staff: 13 members in non-teaching staff had taken trainings at various organisations on different topics.
- Policy to attend workshops, seminars and conferences, etc.
- Academic Council of University has most of the member who are retired/working as Vice Chancellor
- Planning Board of University has all retired Vice Chancellor/ Chief Engineers
- Faculty had attended many orientation and refresher courses.

#### 6.3.7 Faculty and Staff recruitment

- Fellows of 3 NSC academy are invited as expert
- Recruitment papers are set by outside experts
- Transparent system of recruitment of staff
- Feedback system after interview

#### 6.3.8 Industry Interaction / Collaboration

- **Training of students:** Thirty (30) students have gone to industry for training in the month of October and November 2017.
- **Frequent visits of students to industry:** Malwa Power Plant, University Power Plant, National Fertilizer Limited, Vedanta Power Plant, etc.
- Invited lectures from industry to prepare students for employment in industries
- Get sample analysed in university

#### 6.3.9 Admission of Students

Whole process of admission is online including fee collection, seat cancellation and refund of fee.

#### 6.4 Welfare schemes for

Teaching	CUPB is in the process of starting Health Insurance Scheme both for faculty and non-teaching staff of the University.
Non-teaching	
Students	Earn While You Learn Scheme introduced at CUPB to benefit the students.

6.5 Total corpus fund generated 1092.17 lacs

6.6 Whether annual financial audit has been done Yes  No

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

Guidelines for AAA have been finalised and approved by the Authorities of the University.

Audit Type	External Audit		Internal Audit	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External Experts	Yes	Committees constituted by the Competent Authority
Administrative	Yes	External Experts	Yes	

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

For UG Programmes Yes  No

For PG Programmes Yes  No

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

- Registration for convocation is online.
- Digitalization of mark sheets, degree and certificates through NAD.
- Ph.D. viva through online.
- End Semester Examination is online.

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

Not Applicable as no college is affiliated to CUPB.

6.11 Activities and support from the Alumni Association

Alumni Association of Central University of Punjab (AACUP) is registered under Societies Registration Act 1957. Current strength of Alumni is 442.

6.12 Activities and support from the Parent – Teacher Association

As the students of the University are adults, they did not want to have Parent – Teacher Association.

6.13 Development programmes for support staff

1. CUPB has initiated the process of group insurance for supporting staff.
2. University contributes in EPF and ESI of outsourced employees.
3. University facilitates to get provident fund if employees desire so.
4. Free medical facilities are provided to supporting staff.
5. In summer and winter, uniforms are given to class E employees.

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

1. Biodiversity day for awareness and plantation drive at present and main campus nearly 100 participated.
2. Environment Day in June in associate with Punjab Pollution Control Board. Awareness about environment conservations, 250 participated.
3. Installation of STP and use of treated water for landscaping
4. Management of bio-waste through composting.



## 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.

- All academic certificates are downloadable on line through NAD.
- Establishment, Finance and Examination are decentralised for effective functioning of the Division.
- Adoption of Earn While You Learn scheme for students of CUPB.
- Online feedback from students, teachers, alumni, stakeholders and parents of students of CUPB.
- RFID system installed in the University Library is with the latest technology and configuration
- Library Timings: All working day, Saturdays, Sundays and Gazetted holidays =8.00 am to 2.00 am (Library will remain closed on 03 national Holidays i.e. Republic Day, Independence Day & Gandhi Jayanti )
- Facility of SMS reminder is given to user for returning the issued books, online booking of books is possible.
- Prompt ambulance service in case of need with the partially fitted equipment
- Focus on cashless transactions
- Free wi-fi facilities in hostels
- Best students, teachers and non-teaching staff are honoured by giving awards.
- University has received “Five Star” rating under GRIHA LD for master plan.
- Number of Ph.D. awardees are more as compared to new Central Universities.

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

- University planned to move to its own campus at Village Ghudda but due to following reasons it could not move to its new campus:
  - a. delay in issuance of drawings by Architect
  - b. delay in payments and clearance of extra items by Engineers India Limited (PMC)
  - c. Deployment of insufficient manpower of contractor and inappropriate monitoring of progress by PMC

To speed up the progress of infrastructure, 16 meetings of Building Advisory Committee and its subcommittee were held in the year of 2017-18. Progress Review Meetings are being held every fortnight with the officials of EIL so that the University may be able to move to its own campus at Village Ghudda at the earliest.

The University is being constructed in phases to start the new academic session for the year 2018-19. The current progress of construction of Phase 1A is 75.7%.

- The Departments could not be made Centre of Excellence because UGC did not open the portal for applications.
- To strengthen CIL with Hi-end analytical equipment and service to different centres of the university and other institutions/organizations, a procedure has been approved by the Competent Authority. CIL has started providing services to outside agencies on chargeable basis. It has worked for various samples and Rs.5, 52,000 funds have been raised by CIL.

7.3 Give two Best Practices of the institution

1. **Environment Management:** Innovative practices of university w.r.t. Environmental Management:

- This is done in collaboration with Engineering Wing, Horticulture Department, Environment Science and Technology Department and NSS.
- Plantations drives at New Campus as well old campus. In new campus 34,000 trees have been planted in last four years. This will continue in future also.

- RO water is supplied. Two RO plants of capacity 10,000 l/hr and 4,000 l/hr have been installed in the university.
- STP has been installed and treated water is used for lawn irrigation.
- Periodic monitoring of drinking water quality
- Solid waste is segregated and biodegradable waste is vermi-composted.
- Hazardous and biomedical waste is given to authorized incinerator facility for proper disposal.
- LED lights are in used for efficient electricity conservation.
- Solar plant of 0.5 mw capacity will be installed at new campus.
- Regular monitoring of air in the City Campus.

## **2. Automated Result Processing System**

### *Objective:*

To speed up the work of result declaration and to increase the accuracy and efficiency of examination system.

### *The Context:*

The examination cell has developed in-house software for result processing and printing of tabulation sheets and mark-sheets. This system has been successfully implemented from academic session 2014-15. Now the results are being processed and tabulation sheets and marks sheets are being printed with the help of this software.

### *The Practice:*

Major features of the system are:

1. Once the awards are fed in the system, coloured tabulation sheets and DMCs are ready immediately with 100% accuracy.
2. The software also incorporates the security features like Q-R, BAR code and specialized seal of examination cell.
3. For increased security, both tabulation sheets and DMCs bear coloured photo-graphs of students.
4. The system has been successful in saving the cost, man-power and valuable time of the examination branch.
5. As the system has been developed in-house by examination cell, therefore the updating and maintenance is always fast and easy.

### **Examination Web Portal**

The examination cell hosts its separate web portal since 2015, which can be accessed from anywhere through internet.

Main features of the web-portal are:

- Beginning with the session 2014-15, all the examination related data has been uploaded on this web portal.
- Students can view all DMCs and internal assessment from anywhere through internet by just entering student ID and date of birth.
- As data is online, marks-sheets can be verified online for originality.
- The web-portal is linked with main website and is available in “Student Corner” section of main website; however, it can also be accessed from address <http://14.139.242.5:83>.
- The data on this web portal is very secure as it is in-house developed by the examination cell and is hosted on the own server of examination cell.
- All rules and regulation have been uploaded on the portal.

### *Evidence of Success:*

- The system has saved time, human efforts and speeded up the declaration of result. In place of 12 to 15 days as earlier, the results can be compiled error-free in 3 to 4 days.

- The university has prepared high quality degree certificates for all the eligible students. It has the following features: non tear-able, termite proof, water proof, rodent proof, temperature proof paper with 100 years' life; micro text security feature; ultraviolet light text security feature; correlation patch security feature; barcode security feature; QR code security feature; background variable data vertical and horizontal; water mark; clear ink logo and text; clear ink with VD.
- This system has significantly reduced the complaints. It is cost effective too.

*Problems encountered and resources required:*

There are no problems, but it requires technical manpower for data entry and needs dedicated web space.

7.4 Contribution to environmental awareness / protection

**Contribution to Environmental awareness**

The university has introduced the following courses through the Department of Environmental Science and technology to make the students aware about environment:

- Waste Management
- Water pollution and Control Technologies
- Energy and Environment
- Soil Pollution and Management

Further following IDC courses are being offered by Department of Environmental Science and Technology to give stress on environmental awareness:

- Waste management in our daily life
- Non-Conventional Energy System
- Environmental Conservation
- Introduction to geo informatics

**Contribution to Environmental protection**

- Free plantation drive is done by faculty members and students
- Water treatment
- Green Audit (Attached as **Annexure-39**)

7.5 Whether environmental audit was conducted? Yes  No

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

**Strength:**

- The University has excellent faculty having a good number of research projects with them.
- The h-index is 10.
- The University holds second position among new universities as far research publications are concerned.

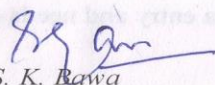
**Weakness: Physical infrastructure challenges**

- Connectivity with Bathinda is a challenge
- Local students are not competing at national level to take admission in Central University of Punjab.

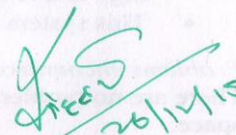
**8. Plans of institution for next year**

1. To streamline the University management system and integrate time table of the university with on line attendance system.
2. Increase in the number of admissions subject to the availability of infrastructure
3. Focus on research/consultancy projects
4. Provide training to administrative staff to improve office practices
5. Organise workshops to improve teaching-learning skills
6. Focus on university community interaction through various projects

7. To start new programmes in different departments subject to approval from UGC and availability of funds
8. To increase international interaction through student and faculty exchange programmes.
9. Efforts will be made to sensitise the students to start-up programmes
10. To collaborate interdepartmental research and other academic activities.



S. K. Rawa  
*Signature of the Director, IQAC*



R. K. Kohli  
*Signature of the Chairperson, IQAC*

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