



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		CENTRAL UNIVERSITY OF PUNJAB
Name of the head of the Institution		Prof. R. K. Kohli
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01642864101
Mobile no.		9872201516
Registered Email		iqacoffice@cup.edu.in
Alternate Email		vcoffice@cup.edu.in
Address		City campus Mansa Road
City/Town		Bathinda
State/UT		Punjab
Pincode		151001
2. Institutional Status		

University	Central
Type of Institution	Co-education
Location	Urban
Financial Status	central
Name of the IQAC co-ordinator/Director	Prof. S. K. Bawa
Phone no/Alternate Phone no.	01642864210
Mobile no.	9815323035
Registered Email	iqacoffice@cup.edu.in
Alternate Email	sk_bawa2001@yahoo.co.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://cup.edu.in/iqac_new/documents/Annexure-7%20AQAR%20%202017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	http://cup.edu.in/academics_documents/Academic%20Calender%202018-19%20final%20-%20.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.06	2016	25-May-2016	24-May-2021

6. Date of Establishment of IQAC	06-Feb-2015
---	-------------

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Internal Academic Audit	11-Feb-2019	945

	9	
External Academic Audit	23-Apr-2019 2	945
Internal Administrative Audit	21-Jan-2019 5	1037
External Administrative Audit	18-Jul-2019 2	1037
Curriculum Audit	01-Feb-2019 11	945
Lab Audit	04-Oct-2018 8	945
NIRF	22-Oct-2018 60	1037
Eleventh Meeting of IQAC	31-Jul-2018 1	17
Twelfth Meeting of IQAC	08-Jan-2019 1	14
Thirteenth Meeting of IQAC	26-Apr-2019 1	24
View File		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Pharmaceutical Sciences and Natural Products	DST FIST	Department of Science and Technology (DST)	2018 1825	7400000
Dr. Sudip Chakraborty, Department of Computational Sciences	UGC BSR Startup	UGC	2018 730	1000000
Dr. Prakash Parida	UGC BSR Startup	UGC	2018 730	1000000
Dr. Chidanand Patil, Department of Applied Agriculture	ICSSRNCRCT Bilateral Prog. (ICSSRNCRCT)	ICSSR-NRCT	2019 20	0
Dr. Khetan Shevkani, Department of Applied Agriculture	UGC BSR Startup	UGC	2018 730	1000000
Biochemistry	DST-FIST (Strengthening	Department of Science and	2019 1825	8900000

	of post graduate teaching and research facilities in the department)	Technology (DST)		
Dr. Krishnakanta Mondal, Department of Physics	INSPIRE Faculty Fellowship	Department of Science & Technology	2019 1825	3500000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Curriculum Audit, Internal Academic Audit, External Academic Audit, Internal Administrative Audit, External Administrative Audit, Lab Audit	
Training on Good Lab Practices	
Transparency in Evaluation	
Workshop of Program Learning Outcomes and Course Learning Outcomes	
Development of Curriculum Feedback System	
View File	

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year
--

Plan of Action	Achievements/Outcomes
Efforts will be made to sensitise the students to start-up programmes	Conducted meetings with the faculty and staff to provide them guidance for start-up programmes.
To increase international interaction through student and faculty exchange programmes.	"1. Started prestigious RP Bambha award through a MOU with BEST of Bathinda (Bhatnagar Education and Service Trust) for the sopper students of the Department of Mathematics and Statistics. 2. Indo Russia project, Department of Zoology 3. ICSSR, Bilateral programme, Thailand by Department of Agriculture 4. Faculty Exchange programme with KMUTT Bangkok, Department of Education 5. Online interaction with the experts of University of Worcester, UK by Department of Education"
To start new programmes in different departments subject to approval from UGC and availability of funds	No new programme was started because the university could not shift to new campus.
Focus on university community interaction through various projects	"1. Service learning in two villages by Department of Education 2. Community Development Cell and Vardaan Club activities organised a Health camp for vital organ functions, diabetes and hypertension on August 10, 2018 and September 19, 2018"
Organise workshops to improve teaching-learning skills	A workshop on Program Learning Outcomes and Course Learning Outcomes for faculty of the Central University of Punjab was conducted by Prof. N. K. Dash, School of Education, IGNOU, Delhi on 8th January 2019 at 2:00 p.m. in the Seminar Hall. The objective of the workshop was to train the faculty of CUPB to formulate learning outcomes of curriculum of all programmes. To focus on lifelong learning and developing critical thinking skills to enhance engagement of students, the university decided to frame learning outcome based curriculum. Prof. N. K. Dash trained 47 faculty members to develop learning outcomes.
Provide training to administrative staff to improve office practices	A lecture on Time Management was organized by IQAC on 8th February 2019 at 11:00 a.m. in the Conference Room, Administrative Block. Dr. H. Sharma, CoE, JNU, Delhi was the expert to deliver it to the faculty members and the non-teaching staff. The objective of this lecture was to make the employees of the University aware about the management of time. Dr. H. Sharma

	explained with examples the techniques for optimum use of time to succeed in life. About Forty (40) faculty members and non-teaching staff attended the lecture.
Focus on research/consultancy projects	There is 15% increase in getting the research projects and publications of research.
Increase in the number of admissions subject to the availability of infrastructure	The university could not shift to new campus therefore university could not increase in the number of admissions due to shortage of infrastructure.
To streamline the University management system and integrate time table of the university with on line attendance system.	University Management System has been developed to facilitate the organization to maintain the information related to students, faculty members, classroom, timetable, student attendance, hostel room allotment and etc. The system supports the administration to prepare the timetable and integrate with the student attendance module.
To collaborate interdepartmental research and other academic activities.	"1. Department of Microbiology collaborated with Animal Sciences, Pharmaceutical Sciences, Environmental Sciences and Department of Economics for interdepartmental research and academic activities. 2. Department of Human Genetics and Molecular Medicine collaborated with the department of Pharmaceutical Sciences and Natural Products for research. 3. Department of Economics collaborated with the Department of South and Central Asian Studies for academic activities 4. Department of Animal Sciences collaborated with Department of Environmental Science, Biochemistry, Microbial Sciences and Pharmaceutical Sciences for research and academic activities."
View File	

14. Whether AQAR was placed before statutory body ?	Yes
--	-----

Name of Statutory Body	Meeting Date
Executive Council	24-Feb-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
--	----

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	25-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>CUPB ENTERPRISE RESOURCE PLANNING SYSTEM The Enterprise Resource Planning system (ERP), which completely transforms the academic activities in the digital world. It efficiently manages the institute's day to day activities that includes student information management, faculty management, preparation of timetable, online attendance, hostel management and etc. It holds all the data of the university and provides access to a different kind of users according to authorization. The CUPB ERP system was developed to capture all the academic activities of the faculty members and students and reuse the data wherever it is required. This system facilitates the organization to maintain the information related to students, faculty members, classroom, timetable, student attendance, hostel room allotment and etc. The system supports the administration to prepare the timetable and integrate with the student attendance module. The system comprises of seven major modules such as Employee Management, student management, course management, timetable, online attendance, payroll and hostel allotment. Employee Management Module The Employee Management module comprises all the employee details including personal information, qualification, designation and salary details. This module also contains credentials and user privileges. All the faculty and staff members can access the system with their credentials. Student Management The student management module contains all the information about the student and their academic activities such as personal information, parents' communication, list of subjects opted</p>

in the respective semester, etc. This has been integrated with course management and online attendance.

Course Management The course management module comprises of details of the various PG, PhD programme, course details, batch etc. It is integrated with faculty and student data. The administrator generates the report on list of programme, list of courses under respective programmes etc

Timetable The timetable module captures information required for the timetable preparations such as courses, subjects, classroom with capacity and faculty details. The system generates the timetable and various reports. The University administrator can generate timetable for various categories such as room wise, faculty wise, programme wise and etc.

Online Attendance This module supports the faculty members to mark student attendance online. The online attendance module is integrated with timetable module to fetch necessary data for the online attendance. It reduces the effort of faculty to mark attendance and to assist the administration to generate a report on student attendance. All the faculty have been provided credential to access the system to mark the attendance on the respective register with minimum inputs. The system supports the university administration to prepare various reports such as student attendance for the specific period of time, programme wise report and etc.

Hostel Allotment The hostel allotment module contains new student details with their required preferences. This module automatically allots the room based on the information provided by the students during admission. The hostel allotment module generates a data sheet with the student and their allotted room. It supports the university administration to efficiently allot room and helps to know the student's status of the hostel allotment before reaching the campus.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	MS-LAS-F	M.Sc. Life Sciences with specialization in Animal Sciences	30/06/2018
MSc	MS-FST-F	M.Sc. Food Science and Technology	13/02/2019
MBA	MB-ABB-F	MBA Agribusiness	13/02/2019
MSc	MS-LMS-F	M.Sc. Life Sciences with specialization in Microbial Sciences	14/02/2019
MSc	MS-LBC-F	M.Sc. Life Sciences with specialization in Biochemistry	02/02/2019
MSc	MS-CHM-F	M.Sc. Chemistry	14/02/2019
MSc	MS-CAC-F	M.Sc. Chemistry (Specialization in Applied Chemistry)	13/02/2019
MSc	MS-CCC-F	M.Sc. Chemistry (Computational Chemistry)	25/02/2019
MSc	MS-PCP-F	M.Sc. Physics (Computational Physics)	25/02/2019
MSc	MS-LBI-F	M.Sc. Life Sciences with specialization in Bioinformatics	25/02/2019

[View File](#)

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Mtech	M.Tech. Computer Science and Technology	01/07/2018	CBS.524: Big Data Analysis and Visualization (CST)	01/07/2018
Mtech	M.Tech. Computer Science and Technology	01/07/2018	CBS.525: Secure Coding (CST)	01/07/2018
Mtech	M.Tech. Computer Science and Technology	01/07/2018	CBS.527: Digital Forensics (CST)	01/07/2018
Mtech	M.Tech.	01/07/2018	CST.526:	01/07/2018

	Computer Science and Technology		Python Programming for Data Sciences	
MCom	M.Com.	31/07/2018	MCM.556: Business Analytics	31/07/2018
MSc	M.Sc. Mathematics	01/07/2018	MAT.521: Computer Fundamentals and C Programming	01/07/2018
MSc	M.Sc. Statistics	01/07/2018	MAT.521: Computer Fundamentals and C Programming	01/07/2018
MSc	M.Sc. Environment Science and Technology	01/07/2018	EVS.560: Industrial VisitField Visit and Report Writing	01/07/2018
MBA	MBA Agribusiness	01/07/2018	ABM.552: Agriprenurship Development	01/07/2018
MSc	M.Sc. Life Sciences with specialization in Biochemistry	01/07/2018	LBC.524: Enzymology and Enzyme Technology	01/07/2018
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	LBI.530 Programming II	01/07/2018
MSc	LBI.515 Programming 1	01/07/2018
MSc	EGS.575 (DEC) Comprehensive Geosciences	01/07/2018
MSc	EGS.556 (DEC) Quantitative Geosciences	01/07/2018
MSc	EVS 535- Environmental Geology	01/07/2018
MA (Journalism)	JMC.515 Combating Fake News (IDC)	01/07/2018
MA (Journalism)	JMC.577 Comprehensive View of Mass Communication-I	01/07/2018
MA (Journalism)	JMC.578 Comprehensive View of Mass Communication-II	01/07/2018
MA	MAE525 Community based	01/07/2018

	Service Learning	
MA	EDU711 International Mentoring	01/07/2018
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	M.A. Education	01/07/2018
Mtech	M.Tech. Computer Science & Technology	01/07/2018
Mtech	M.Tech. Computer Science & Technology (Cyber Security)	01/07/2018
MSc	M.Sc. Environmental Science and Technology	01/07/2018
MSc	M.Sc. Geology	01/07/2018
MSc	M.A./M.Sc. Geography	01/07/2018
MA	M.A. Political Science	01/07/2018
MA	M.A. History	01/07/2018
MSc	M.Sc. Life Sciences (Specialization in Human Genetics)	01/07/2018
MSc	M.Sc. Life Sciences (Specialization in Molecular Medicine)	01/07/2018
MA	M.A. English	01/07/2018
MA	M.A. Hindi	01/07/2018
MA	M.A. Punjabi	01/07/2018
LLM	LL.M.	01/07/2018
MA	M.A. Economics	01/07/2018
MA	M.A. Sociology	01/07/2018
MA (Journalism)	M.A. Journalism & Mass Communication	01/07/2018
MCom	M.Com.	01/07/2018
MSc	M. Sc. Life Sciences (Specialization in Animal Sciences)	01/07/2018
MSc	M.Sc. Food Science and Technology	01/07/2018
MBA	MBA (Agribusiness)	01/07/2018
MSc	M.Sc. Life Sciences (Specialization in Microbial Sciences)	01/07/2018
MSc	M.Sc. Life Sciences (Specialization in	01/07/2018

	Biochemistry)	
MSc	M.Sc. Chemistry	01/07/2018
MSc	M.Sc. Chemistry (Specialization in Applied Chemistry)	01/07/2018
MSc	M.Sc. Chemistry (Computational Chemistry)	01/07/2018
MSc	M.Sc. Physics (Computational Physics)	01/07/2018
MSc	M.Sc. Life Sciences (Specialization in Bioinformatics)	01/07/2018
MSc	M.Sc. Mathematics	01/07/2018
MSc	M.Sc. Statistics	01/07/2018
MPharm	M. Pharm. Pharmaceutical Sciences (Medicinal Chemistry)	01/07/2018
MPharm	M. Pharm. Pharmaceutical Sciences (Pharmacognosy and Phytochemistry)	01/07/2018
MSc	M.Sc. Chemical Sciences (Medicinal Chemistry)	01/07/2018
MSc	M.Sc. Physics	01/07/2018
MSc	M. Sc. Life Sciences (Specialization in Plant Sciences)	01/07/2018
MEd	M.Ed.	01/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Academic Writing	05/07/2018	43
Ethics for Sciences	19/07/2018	88
Ethical Values and Scientific Temperament	07/02/2018	40
Introduction to field accessories for Geosciences	19/02/2019	43
Inroduction to Map Reading	19/02/2019	35
Teaching Proficiency	01/07/2018	25
Peace and Value Education	01/07/2018	25
Physical and Mental Well Being	01/07/2018	25
Shorthand and Typing	01/07/2018	64
SPSS Applications	01/07/2018	25

[View File](#)

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MEd	Field Internship	10
MA	Institute for Social and Economic Change, Summer Internship Programme	1
MCom	Bihar State Minority Financial Corporation Ltd., J&K Bank, Aditya Birla Sunlife Insurance, Ampstell Engineering Solutions Ltd., PFA & Co. (CA Firm) and Groom4more	7
MSc	Environmental Science - Field visit	22
MBA	ABM 521: Summer Training / Industrial Attachment	10
MSc	Summer Research Fellowship Programme (SRFP) at NIPGR New Delhi	1
MSc	AcSIR Dr. APJ Summer training at IHBT Palampur (HP)	1
MSc	Summer Training Program at CCMB	1
MSc	Short Term Training at Dept of Reproductive Biology AIIMS New Delhi	2
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Five proformas were prepared for getting feedback of curriculum from teachers, students, parents, Alumni and other stakeholders. The proformas prepared in google forms were sent directly to students through email for getting feedback from them and their parents. These forms were sent to Heads of all departments for expediting the process of feedback from Students. They also got feedback of curriculum from potential employers. The links of the proformas were also sent to Alumni Association for getting feedback from Alumni of the university. Teachers also filled the proformas and sent their feedback of the curriculum of</p>

their programme. As per the IQAC calendar, the feedback of curriculum was collected and analysed. The proformas consisted of items ranging from 10 to 12 related to the criterion of feedback of curriculum, few questions were open ended also. All items in five point scales were calculated in percentages and graphs were prepared. The responses given in open ended questions were tabulated separately and analysed programme wise by Heads of the departments. The information, thus collected was presented in the quarterly meeting of IQAC. After discussions with the members and their approval, the feedback was sent to Heads of all departments for implementation of suggestions given in the feedback. To ensure that the feedback is considered during development and updating the curriculum for the upcoming session, the feedback was submitted in curriculum Audit of all programmes. The curriculum Audit is conducted every year after the meetings of curriculum Development committees of all the departments. The committees of curriculum audit are formed for sciences and humanities programmes separately, who ensure the implementation of feedback and updation of the curriculum of all the programmes.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MPharm	M. Pharm. Pharmaceutical Sciences (Medicinal Chemistry)	15	524	15
LLM	LL.M.	20	236	18
MPharm	M. Pharm. Pharmaceutical Sciences (Pharmacognosy and Phytochemistry)	15	431	15
MSc	M. Sc. Life Sciences (Specialization in Plant Sciences)	25	1795	21
MA	M.A. Economics	30	1121	20
MA	M.A. Education	15	287	9
MA	M.A. English	25	1260	23
MA	M.A. Hindi	20	181	10
MA	M.A. History	20	440	13
MA	M.A. Journalism & Mass Communication	30	698	19

[View File](#)

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	0	577	0	92	92

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
92	92	53	38	5	5169
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

MENTORING SYSTEM Mentoring is a collaborative partnership between a Mentor and a Mentee. The one, who possesses greater skills, knowledge and experience is the mentor and who is looking to increase his or her skills, knowledge and experience is a Protégé or mentee. Mentoring is a process of engagement that is most successful when done collaboratively and is a reflective process that requires preparation and dedication. Mentoring relationships can be formal or informal. Formal mentor relationships are usually organized in the institution, Informal mentor relationships usually occur spontaneously and are largely psychosocial and help to enhance the mentee's self-esteem and confidence by providing emotional support and exploring interests. Mentoring can be a powerful growth experience for both the mentor and the mentee. The following steps are to be followed for mentoring a mentee: 1. Building rapport with the mentee 2. Get acquainted 3. Set direction on the basis of academic, personal and social needs of the mentee 4. Create a list of learning activities 5. Plan and manage the resources required 6. Prepare a Timeline 7. Write the mentoring action plan into paper to help the mentee to translate his/her goals into executable and attainable steps and plan to track his/her successes. The important points to be kept in mind are i. to assure them the confidentiality of the information provided by them ii. to acknowledge the difficulty without casting blame on them iii. to express appreciation To start with the process of mentoring, after the assigning of the mentees, plan formal meetings with the mentees once a fortnight during teaching hours at least for one semester. Thereafter informal meetings may be planned as per the need of the mentee and record is to be maintained for every type of support, guidance, counselling, encouragement or facilitation. CUPB has a unique system of students mentoring. On the day of orientation, the students are divided in groups of 5-8 and allotted a faculty member as a mentor. In a rather unconventional procedure, an attempt is made to group students of a region together and allot a mentor of the same region. It is believed that this creates a comfort zone for the students in their mentor group and yet there will be plenty of opportunities for them to mix with students from other regions during various activities at CUPB. Students are provided with one opportunity to change the mentor group, if they like, and thereafter the group remains with the same mentor until graduation. Contact details of the mentors are provided to the parents and thus mentor is a single point source for the parents to seek all academic, general or personal information about the student's performance at the CUPB. Parents can also reach the mentor for any emergency. Each year more and more students join the mentor group: the seniors treat freshers as their "siblings".

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
577	92	6

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D

154

92

62

2

90

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Felix Bast	Assistant Professor	Fellow of INSA-INYAS on Dec. 31, 2018
2018	Dr. J. K. Patnaik	Assistant Professor	Elected as Core Committee Member in INYAS
2019	Dr. Kamlesh Yadav	Assistant Professor	Best Teacher award on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
2019	Dr. Raj Kumar	Associate Professor	Best Teacher award on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
2019	Dr. Rajendra Singh Dhayal	Assistant Professor	Best Teacher award on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
2019	Dr. Biplab Banerjee	Assistant Professor	Best Teacher award on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
2019	Dr. Monisha Dhiman	Associate Professor	CUPB Outstanding Research Award for Category-I: Sciences on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
2019	Dr. Jajati Parida	Assistant Professor	CUPB Outstanding Research Award for category-I: Humanities on 10th Foundation Day Celebrations of Central University

			of Punjab on 28th February 2019
2019	Dr. Anjana Munshi	Professor	Outstanding award for cumulative impact factor in each paper on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
2019	Dr. Sandeep Singh	Assistant Professor	Outstanding award for cumulative impact factor in each paper on 10th Foundation Day Celebrations of Central University of Punjab on 28th February 2019
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	MA-JMC-F	2nd and 4th	31/05/2019	31/05/2019
MA	MA-HIS-F	2nd and 4th	31/05/2019	31/05/2019
MA	MA-HIN-F	2nd and 4th	31/05/2019	31/05/2019
MA	MA-ENG-F	2nd and 4th	31/05/2019	31/05/2019
MA	MA-EDU-F	2nd and 4th	31/05/2019	31/05/2019
MA	MA-ECO-F	2nd and 4th	31/05/2019	03/06/2019
MSc	MS-LPS-F	2nd and 4th	31/05/2019	03/06/2019
MPharm	MH-MPG-F	2nd and 4th	31/05/2019	04/06/2019
MPharm	MH-MPC-F	2nd and 4th	31/05/2019	04/06/2019
LLM	LM-LLM-F	2nd and 4th	31/05/2019	31/05/2019
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	1063	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MS-LPS-F	MSc	M. Sc. Life Sciences (Specialization in Plant Sciences)	22	20	90.91
MH-MPG-F	MPharm	M. Pharm. Pharmaceutical Sciences (Pharmacognosy and Phytochemistry)	5	5	100
MH-MPC-F	MPharm	M. Pharm. Pharmaceutical Sciences (Medicinal Chemistry)	13	13	100
LM-LLM-F	LLM	LL.M.	10	10	100
MA-ECO-F	MA	M.A. Economics	16	16	100
MA-EDU-F	MA	M.A. Education	5	5	100
MA-ENG-F	MA	M.A. English	16	15	93.75
MA-HIN-F	MA	M.A. Hindi	2	2	100
MA-HIS-F	MA	M.A. History	7	6	85.71
MA-JMC-F	MA	M.A. Journalism & Mass Communication	6	6	100

[View File](#)

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://cup.edu.in/igac_new/node/36#overlay-context=node/15

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	NIL	01/07/2018	NIL

No file uploaded.

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	1825	UGC
MANF	1825	UGC
BANRF	1095	UGC
CSIR-JRF	730	CSIR
SRF	1095	CSIR
JRF	730	DBT
JRF	730	ICMR
MANF-SRF	1095	UGC
NFHE-SRF	1095	UGC
RGNF	730	UGC

[View File](#)

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	ICSSR	1	0.8
Major Projects	1095	DST-SERB	49.12	28.2
Major Projects	1095	DST-SERB	58.18	17.97
Major Projects	1095	MINISTRY OF ENVIRONMENT, FOREST CLIMATE CHANGE	33.5	18.5
Projects sponsored by the University	730	Department of Food and Public Distribution	3	1.2
Minor Projects	1	CUPB	1.5	1.5
Major Projects	730	UGC	10	8
Major Projects	730	UGC	10	8
Major Projects	1095	DST-SERB	54.07	31.08
Minor Projects	730	DST-SERB	29.99	14.99

[View File](#)

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Importance of Intellectual Property Management in Academic and Research Institutes	Institutions Innovation Council and IPR cell	14/12/2019

General Awareness on IPRs	Institutions Innovation Council and IPR cell	08/11/2019
Innovate for Green future	Institutions Innovation Council and IPR cell	27/04/2019
Scientific Literature Searches and Plagiarism Detection Software	IPR Cell	26/03/2019
Patenting of Inventions: An Expert View and "Patents: Sword or Shield?"	Department of Pharmaceutical Sciences and Natural Products	29/09/2018
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
TSite-Box India: A unique platform for content dissemination	TSite-Box India: A unique platform for content dissemination	MHRD	04/01/2019	Teaching Innovation
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	01/07/2018
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biosciences	6
Economic Studies	5
Environmental Science and Technology	4
Human Genetics and Molecular Medicine	1
Languages and Comparative Literature	3
Law	1
Pharmaceutical Sciences Natural Products	1
South and Central Asian Studies (Including Historical Studies)	8

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Law	1	0
National	Mass Communication	1	0
National	Applied Agriculture	1	0

National	Environmental Science and Technology	1	0
National	Education	9	0
International	Plant Sciences	29	2.67
International	Physical Sciences	27	3.15
International	Pharmaceutical Sciences and Natural Products	26	2.94
International	Human Genetics and Molecular Medicine	26	2.47
International	Environmental Science and Technology	32	7.73
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and Technology	1
Environmental Science and Technology	1
Law Research Publications	1
Mathematics and Statistics	1
Pharmaceutical Sciences and Natural Products	1
Physical Sciences	1
South and Central Asian Studies	1
Applied Agriculture	2
Education	2
Plant Sciences	3
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Method and system for assigning unique labels to atoms in a chemical Compound	Published	201911018211	24/05/2019
Indazolo (2,3-c) quinazoline based fluorophores and their applications in bioimaging and tagging of drug molecules	Filed	201811028230	27/07/2018
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Structural , Electrical and Ion Transport Properties of Free Standing Blended Solid Polymeric Thin Films	Arya, Anil Sadiq, Mohd Sharma, Achchhe Lal	Polymer Bulletin	2019	1.71	Central University of Punjab	8
Impact of Shape (Nan ofiller vs. Nanorod) of TiO2 nanoparticle on Free Standing Solid Polymeric Separator for Energy Storage/Conversion Devices	Arya, Anil Saykar, Nilesh G Sharma, Achchhe Lal	Journal of Applied Polymer Science	2018	2.25	Central University of Punjab	8
Synthesis of NiO-Co3O4 nanosheet and its temperature-dependent supercapacitive behavior	Saykar, Nilesh G Pilonia, Ritu Kumari Banerjee, Indrani Mahapatra, S. K.	Journal of Physics D: Applied Physics	2018	5.3	Central University of Punjab	6
Si and Ge based metallic core/shell nanowires for nano-electronic device applications	Bhuyan, Prabal Dev Kumar, Ashok Sonvane, Yogesh Gajjar, P.N. Magri, Rita Gupta, Sanjeev K.	Scientific Reports	2019	4.29	Central University of Punjab	6

Electron transport and thermo electric performance of defected monolayer MoS ₂	Sharma M. Kumar A. Ahluwalia P.K.	Physica E: Low-Dimensional Systems and Nanostructures	2019	2.85	Central University of Punjab	5
Tailoring of the structural, morphological, electrochemical, and dielectric properties of solid polymer electrolyte	Arya, A Sharma, A.L.	Ionics	2019	2.31	Central University of Punjab	5
Polymer pen lithography-fabricated DNA arrays for highly sensitive and selective detection of unamplified Ganoderma boninense DNA	Rani, Ekta Mohshim, S.A Ahmad, M.Z Goodacre, R Ahmad, S.A.A Wong, L.S.	Polymers	2018	3.25	Central University of Punjab	3
Free-standing Pt and Pd nanowires: Strain-modulated stability and magnetic and thermo electric properties	Kansara, Shivam Gupta, Sanjeev K Sonvane, Yogesh Kumar, Ashok	Physical Chemistry Chemical Physics	2018	3.69	Central University of Punjab	2
Synthesis and dielectric characterization of triiodide perovskite methylammonium	Mahapatra, S.K. Saykar, N. Banerjee, Indrani Hobson, P.R. Sharma,	Journal of Materials Science: Materials in Electronics	2018	2.16	Central University of Punjab	1

nium lead iodide for energy applications	A.K. Ray, A.K.					
Nano-bio interface study between Fe content TiO ₂ nanoparticles and adenosine triphosphate biomolecules	Barkhade, T Phatangare, A Dahiwale, S Mahapatra, S.K Banerjee, I.	Surface and Interface Analysis	2018	1.44	Central University of Punjab	1
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Structural, Electrical and Ion Transport Properties of Free Standing Blended Solid Polymeric Thin Films	Arya, Anil Sadiq, Mohd Sharma, Achchhe Lal	Polymer Bulletin	2018	1	8	Central University of Punjab
Impact of Shape (Nanofiller vs. Nanorod) of TiO ₂ nanoparticle on Free Standing Solid Polymeric Separator for Energy Storage/Conversion Devices	Arya, Anil Saykar, Nilesh G Sharma, Achchhe Lal	Journal of Applied Polymer Science	2018	1	8	Central University of Punjab
Synthesis of NiO-Co ₃ O ₄ nanosheet and its te	Saykar, Nilesh G Pilonia, Ritu Kumari	Journal of Physics D: Applied Physics	2019	1	6	Central University of Punjab

Temperature-dependent supercapacitive behavior	Banerjee, Indrani Mahapatra, S. K.					
Si and Ge based metallic core/shell nanowires for nano-electronic device applications	Bhuyan, Prabal Dev Kumar, Ashok Sonvane, Yogesh Gajjar, P.N. Magri, Rita Gupta, Sanjeev K.	Scientific Reports	2019	1	6	Central University of Punjab
Electron transport and thermoelectric performance of defected monolayer MoS ₂	Sharma M. Kumar A. Ahluwalia P.K.	Physica E: Low-Dimensional Systems and Nanostructures	2019	1	5	Central University of Punjab
Tailoring of the structural, morphological, electrochemical, and dielectric properties of solid polymer electrolyte	Arya, A Sharma, A.L.	Ionics	2019	1	5	Central University of Punjab
Polymer pen lithography-fabricated DNA arrays for highly sensitive and selective detection of unamplified Ganoderma boninense DNA	Rani, Ekta Mohshim, S.A Ahmad, M.Z Goodacre, R Ahmad, S.A.A Wong, L.S.	Polymers	2018	1	3	Central University of Punjab
Nano-bio interface study	Barkhade, T Phatangare, A	Surface and Interface	2018	1	1	Central University of Punjab

between Fe content TiO ₂ nanop articles and adenosine triphosphate biomolecules	Dahiwale, S Mahapatra, S.K Banerjee, I.	Analysis				
Synthesis and dielectric characterization of triiodide perovskite methylammonium lead iodide for energy applications	Mahapatra, S.K. Saykar, N. Banerjee, Indrani Hobson, P.R. Sharma, A.K. Ray, A.K.	Journal of Materials Science: Materials in Electronics	2018	1	1	Central University of Punjab
Free-standing Pt and Pd nanowires: Strain-modulated stability and magnetic and thermoelectric properties	Kansara, Shivam Gupta, Sanjeev K Sonvane, Yogesh Kumar, Ashok	Physical Chemistry Chemical Physics	2018	1	2	Central University of Punjab

[View File](#)

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	13	0	8
Presented papers	31	51	4	1
Resource persons	3	71	19	39

[View File](#)

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
0	0	0	0

No file uploaded.

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
0	0	0	0	0
No file uploaded.				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Plantation Drive (Fruit plants) at Main campus of CUPB Orientation	NSS, CUPB	5	40
Plantation Drive at Main campus of CUPB and Adopted village Ghudda Orientation	NSS, CUPB	3	40
Sensitization Programme and Mass Pledge on Swachha Bharat Mission	NSS, CUPB	30	220
Sadbhavana Day Pledge at CUPB	NSS, CUPB	5	40
--Mango Tree Plantation Drive at Main Campus of CUPB Orientation	NSS, CUPB	3	30
Plantation Drive and Maintenance of Plants at Main campus of CUPB Orientation	NSS, CUPB	3	25
Plantation Drive at main campus of CUPB Orientation	NSS, CUPB	4	20
Yoga Day	NSS, CUPB	40	60
Environment Day Cleanliness Drive	NSS, CUPB	2	25
Rashtri Ekta Divas	NSS, CUPB	20	90
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
District level youth Parliament	Selection for State Level	Central Govt.	1

National Youth Parliament	Runner up National and Champion in Group Level	Ministry of Parliament Affairs	55
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
7 Days Special Camp	NSS	Beti Bachao Beti Padhao	4	38
7 Days Special Camp	NSS	Beti Bachao Beti Padhao	4	33
7 Days Special Camp	NSS	Beti Bachao Beti Padhao	4	35
7 Days Special Camp	NSS	Beti Bachao Beti Padhao	4	40
Swachh Bharat Abhiyaan	NSS	Swachhata Hi Seva (Swachhat Bharat Abhiyaan)	5	76
AIDS Awareness	NSS	AIDS Day	7	70
View File				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
ICSSR-NRCT Bilateral Programme for Exchange of Scholars	Dr. Chidanand Patil	ICSSR-NRCT	20
Collaborative research activities	Prof.S.K.Bawa & Saranya	KMUTT, Bangkok	3
Faculty Exchange from KMUTT, Bangkok	Jariya, Saranya	KMUTT, Bangkok	90
Student Exchange	Igona & Richa	UGC	4
Faculty Exchange from CUPB	Prof.S.K.Bawa	Self supported	4
Research Project	Dr Chhavi Garg	NCRI	60
Collaborative Research with MTU USA	Dr. Ashok Kumar	MTU USA	60
View File			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/	Duration From	Duration To	Participant
-------------------	----------------------	-------------------------------------	---------------	-------------	-------------

		industry /research lab with contact details			
Industrial	Industrial Visit	Malwa Biomass to Energy Power Plant, Muktsar	01/03/2019	30/06/2019	Students of Department of Environmental Science and Technology
Academic	National Knowledge Network (NKN)	Indian Institute of Remote Sensing, Dehra Dun	01/07/2018	30/06/2019	Students of Department of Environmental Science and Technology, Geography, Geology, Plant Sciences, Physics, Economics
Academic	MoU	Punjab Remote Sensing Centre (PRSC), Ludhiana	18/07/2018	30/06/2019	Ph.D. and M.Sc. students of Department of Environmental Science and Technology
Industrial Project	Project 3400 3085-CUPB Fellowship Fund Release (Bristol-Myers Squibb)	Bristol-Myers Squibb, USA	01/10/2018	22/08/2019	Sahil Arora
research Project	Short term research project	INTER UNIVERSITY CENTRE FOR ALTERNATIVE ECONOMICS, DEPARTMENT OF ECONOMICS, UNIVERSITY OF KERALA	01/07/2018	30/06/2019	Dr. Sandeep Kaur
Industry	Summer Internship	JK Bank	12/06/2019	22/07/2019	Mamta Devi
Industry	Summer Internship	JK Bank	17/06/2019	20/07/2019	Mohd. Hussain
Industry	Summer Internship	Aditya Birla Sunlife Insurance	02/06/2019	10/07/2019	Smyle

Industry	Summer Internship	Ampstell Engineering Solutions Ltd.	10/06/2019	11/07/2019	Sreejith M.
Industry	Summer Internship	PFA Co. (CA firm)	10/06/2019	10/07/2019	Shreeraj P. K.
View File					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Punjab Remote Sensing Centre, Ludhiana	18/07/2018	Faculty Exchange, Exchange of staff, Collaboration in Research Development and Consultancy activities	28
National Centre for Cell Science, Pune	22/11/2018	Academic Interchange, Students and Faculty Exchange, Guidance/mentorship/ supervision from the faculty of Microbiology, human health related research, collaborative research and cultural activities	94
Society for Promotion of Science and Technology in India	21/08/2018	Training of Teachers, interaction with renowned scientists and Educationist, collaborative projects and research activities	74
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
100	100

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing

Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SLIM21	Fully	3.6.0	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	37820	12969860	3945	5254124	41765	18223984
e-Books	10	95233	2912	2925757	2922	3020990
Journals	80	212655	65	166145	145	378800
e-Journals	7242	1221675	171	1553474	7413	2775149
Digital Database	3	1621008	8	2493689	11	4114697
CD & Video	451	0	22	0	473	0
Library Automation	1	81125	1	81125	2	162250
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Satwinder Singh	Software Testing and maintenance	eclass.satwindersingh.com	01/08/2018
Satwinder Singh	Python Programming for Data Sciences	eclass.satwindersingh.com	14/01/2019
PUNEETA PANDEY	Concept of space and time Types of Satellites (EVS/RSGIS-EVS/1)	E PG Pathshala	14/06/2019
PUNEETA PANDEY	Global Positioning	E PG Pathshala	14/06/2019

	System (GPS) (EVS/RSGIS-EVS/2)		
Yogalakshmi K N	Mechanical biological treatment	MOOC	01/09/2018
Yogalakshmi K N	Recent advances in solid waste management	MOOC	01/10/2018
Dhanya MS	Sun as a source of energy	e-PG pathsala (MSc Environmental Sciences:Paper 7 Energy Environment)	18/06/2019
Dhanya MS	Fossil fuel- classification, composition	e-PG pathsala (MSc Environmental Sciences:Paper 7 Energy Environment)	18/06/2019
Felix Bast	Introduction, Scope and Philosophical Framework	Swayam	15/06/2019
Felix Bast	Critical Thinking	Swayam	15/06/2019
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwid th (MBPS/ GBPS)	Others
Existin g	620	230	620	176	176	42	172	1	38
Added	0	0	0	0	0	0	0	0	0
Total	620	230	620	176	176	42	172	1	38

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

2 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Computer Centre	http://cup.edu.in/computing_support.php
Library	http://cup.edu.in/library.php
Educational Studio	http://cup.edu.in/education_studio.php#

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
977.79	9.77	977.79	62.03

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Laboratory- The University has a manual of good lab practices and SOP of all types of equipment have been placed in the laboratories. Lab audit is conducted every year and action taken report is to be submitted to IQAC. The basic instruments like Quartz Double Distillation Units, BOD Incubators, Ovens, Refrigerated Centrifuge, Micro-centrifuge, Refrigerators, Deep Freezers, Spectrophotometers, Light Microscopes are available in these dust free air conditioned laboratories. The sophisticated instrument laboratory has advanced light microscope with digital imaging system, a latest next generation FSX 100 microscope for fluorescence microscopy, Gradient Thermal cycler, Real Time PCR, Electrophoresis units, etc. Library: University Library is equipped with Radio Frequency Identification (RFID) and Electro Magnetic Security System (EMSS) providing automated self-service facility for the users and high end security. It is also equipped with an advanced Online Public Access Catalog (OPAC) and modern reprographic facilities. The library collection consists of Books, Reference Books, Text Books, Print Journals, Newspapers, M.Phil Dissertations, E-Journals Databases, CD ROM/DVDs. The University Library is fully automated with Library Management Software SLIM21 which functions from cataloging to security protocols are integrated. The acquisition, cataloging, circulation, serials controlling, catalog access and security protocols come under the purview of automation. Sports: We have sports grounds and we follow the sports policy for providing all types of facilities to the students. The Division of Sports promotes students participation in a variety of physical and athletic activities and gives student the opportunity to engage in the sport of their choice at various skill levels. This contributes in the development of leadership, communication and administrative skills among students. Understanding of basic procedures and awareness of pertinent policies, rules and regulations assist them in simplifying the administrative process. Computers: We have a computer centre having the capacity to accommodate 180 students. It remains open till 5 pm to facilitate the learning of students. Computer Centre is central place for campus-wide networking and Wireless Internet connectivity across the Campus. Backbone connectivity initiates from Computer Centre and caters to more than 1000 nodes both physical and wireless connection across the campus. Computer Centre has two leased line 1Gbps NKN (National Knowledge network) and 200 MBPS (BSNL (1:1)) Bandwidth and further distribute among to all Admin Block, Academic Block and Hostels. Classrooms are equipped with projectors and comfortable chairs. we have five smart classrooms having interactive boards, portable screens, digital podium, digital notice boards etc. Seminar Room: The air conditioned seminar hall in the academic block has a seating capacity of 95 which is wi-fi enabled, equipped with live recording, has a multimedia projector and CCTV cameras which facilitate the presentations made by invited academicians, experts, faculty and the students. Day Care Centre: Central University of Punjab Day Care Centre (CUPB-DCC) for the children of teachers, officers, nonteaching staff, research scholars and regular full-time students of Central University of Punjab is functional since 1st Feb 2013. The main objective of the Day Care Centre is to provide the staff the facility of rearing their children under good care.

<http://www.cup.edu.in>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	Financial Assistance	78	328000
Financial Support from Other Sources			
a) National	Nil	0	0
b) International	Nil	0	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling	20/07/2018	300	NIL
Mentoring	20/07/2018	560	NIL
Yoga	21/06/2019	105	NIL
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Competitive Examination Cell	0	0	0	0
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
NIL	0	0	TuracoZ Healthcare Solutions	400	153
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Department	Name of	Name of
------	-----------	-----------	------------	---------	---------

	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2019	1	M.Sc.	Molecular Medicine	Goa University	Ph.D.
2019	1	M.Sc.	Molecular Medicine	Central University of Gujrat	Ph.D.
2019	2	M.Sc.	Molecular Medicine	Central University of Rajasthan	Ph.D.
2018	1	M.Sc.	Molecular Medicine	BITS Pilani	Ph.D.
2018	1	M.Sc.	Molecular Medicine	BHU, Varanasi	PhD.
2018	1	M.Sc.	Molecular Medicine	Central University of Punjab	Ph.D.
2019	3	M.Sc.	Human Genetics	PGI Chandigarh	Genetic Counselling
2018	1	M.Sc.	Human Genetics	University of South Bohemia, Czech Republic	Ph.D.
2018	2	M.Sc.	Human Genetics	JNU, New Delhi	Ph.D.
2018	1	M.Sc.	Human Genetics	Central University of Kerala	Ph.D.
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	63
GATE	4
Any Other	32
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
International Yoga Day 2019	Institutional Level	105
Matribasha Diwas	Institutional Level	50
Food Carnival	Institutional Level	225
Rangoli	Institutional Level	110
Best Out Of Waste	Institutional Level	65

Technical Quiz Competition	Institutional Level	110
Ek Bharat Shresth Bharat	Institutional Level	250
7th Annaul Sports and Athelete Meet	Institutional Level	400
LAN Gaming Competition	Institutional Level	155
Students Activities	Institutional Level	150
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	National	0	0	NIL	NIL
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The constitution of the student council in the academic year 2018-19 has been revised. Previously, student council was constituted of four executive members, departmental representative, class representative and nominated representatives of sports and extracurricular activities. But this year, the selection of the members is totally on the merit basis and included elected representatives from the respective departments, nominated members from PhD students, class representatives from each department and representatives for sports and extracurricular activities. All the selection process is being done in a democratic way. The elections for the student representatives are carried out by Dean Student Welfare (DSW) Dr. V.K. Garg. The whole process of electing representatives for student council was being conducted in the supervision of DSW. The total term of each council members was one year only. The aim of the formation of student council was to communicate the wishes and expectations of the students to the administration and also to meet their needs related to education, health, sports and culture. It was formed in order to enable the students to take part in the decision-making process. The purpose of the Student Council is to assist the students to voice their opinion and concerns regarding different issues in the university which they are facing on day-to-day basis. It will help them in bringing out their leadership quality. Student council in university works as a bridge between students and administration.

This year, student council have contributed in various activities. NSS representatives have contributed in organising the Independence Day activities. Council members have also taken part in organising various activities during Foundation Week. They volunteer for the smooth functioning of the various events like Food carnival, rangoli competition, best out of waste, singing and dancing competition etc. during foundation day celebrations. Sports representatives have contributed in the celebration of sports day and in organising any sports events. Council members were also responsible for the discipline and maintaining decorum during all these events. There were many cultural programmes which have been organised by nominated members of council. Council members were guided by the respective teachers and DSW time to time whenever they needed help. Student council helped shape the student experience on campus. Participating in student council have been an enriching experience with lasting positive impacts on the students. Council members were fully

devoted to carry their responsibilities and they have given their best in bridging the gap between the administration and the students. The student council have helped in conveying the different ideas of the students to administration. Overall, student council have set an example that how an institution works in a democratic way.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, the association was registered on 13th April 2018 under societies registration act 1860 and Punjab amendment act 1957. Aims and Objectives of the Association are to: i. establish a link with the CUP alumni and enroll them as members ii. establish liaison between Central University of Punjab Alumni Association (CUPAA) and similar other associations at the universities in the country and abroad iii. raise various endowment funds and award stipends out of it to the deserving students on need-cum-merit basis iv. institute and disburse scholarships, fellowships, medals, awards, etc. to the meritorious students of the university out of the corpus of the Association v. impart identity to its members by issuing them with photo-identity cards vi. seek donations from alumni and potential donors for promoting various righteous activities of the Association vii. suggest ways and means for the participation of the Association in the working of the University viii. arrange get together of the alumni and social/cultural functions of the alumni ix. send birthday greeting cards to its members to impart personal touch and interaction with them x. honour distinguished alumni of CUP, who have brought national/global acclaim in their respective domains

5.4.2 – No. of registered Alumni:

443

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. The examination system has been decentralised by giving the responsibility to the Head of the department to conduct the examination at their own level. The time window is provided for conducting the examinations, the preparation of schedule of examinations, managing examinations, question paper setting, evaluation of answer sheets and preparing results are the responsibilities of HODs faculty members. The teachers prepare question papers and conduct Mid-Semester Tests (MST) in their own classes as per the date sheet. During MST examinations, classes are also held concurrently. The results are compiled by HODs and submitted to examination section for declaration. 2. The students of the university manage their own mess. They have formed a committee, who collect money, bring all stuff and supervise cooking as per notified menu and manage all finances also. The committees are formed quarterly to give opportunity to other students to handle mess responsibilities. They conduct their own meetings and handle all issues at their own level.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Teaching and Learning	<p>The university adopts different strategies to bring quality in teaching learning process such as Demonstration, Lecture cum demonstration, Project method, Inquiry training method, Co-operative learning, Blended learning, Flipped learning, Focused group discussion, Team teaching, Field visit, Brainstorming, Role play, E- tutoring, Dialogue method, Mobile teaching, Collaborative learning, Panel discussion, Problem solving method, Through SOLE (Self Organized Learning Environment), E- team teaching, Self-learning, ICT enabled teaching etc. Workshops are arranged to help the faculty to learn different tools and teaching strategies for appropriate selection as per the content to be taught.</p>
Curriculum Development	<p>A quality curriculum is the main focus area for any educational institution that aims for providing quality education. The Central University of Punjab has focussed on stating the programme and course learning outcomes as per the model guidelines of UGC. The University organized workshop to train its faculty members for preparing the learning outcomes for each course and the programme outcomes. However, the practice of the University is to analyse the feedback on curriculum given by the stakeholders i.e. students, parents, teachers and community members and this feedback is thoroughly discussed, analysed and reflected in the curriculum development process at different levels.</p>
Research and Development	<p>The Central University of Punjab is committed to conduct research in various fields of science and humanities. The University encourages researchers to focus on improving research integrity and culture. The University also provides the opportunities to the faculty to review their skill needs including data handling, proposal-writing and resource</p>

management by taking initiatives like organizing and attending training programs and workshops. The infrastructure for research has been developed keeping in view the international standards. The University has top h-index (scopus) 26 and relative h-index (web of science) 25. The University has about 227 extra-mural research projects of worth Rs.54.54 crores.

Admission of Students

The university conducts admission through national level Central Universities Common Entrance Test (CUCET) consisting of 14 CUs, thereby ensuring participation from every corner of India resulting in diverse and good quality student intake through widely advertisement at national level. Counselling for seat allotment is completely online resulting in complete transparency and hassle-free experience for the candidates. To further improve the admission procedure, process of document verification and hostel allotment is planned in a very organized manner, keeping the candidates informed at every step through email, sms etc. The admission of international students is through ICCR, based on fellowships to ensure quality of students.

Library, ICT and Physical Infrastructure / Instrumentation

Circulation and Web OPAC The Library provides circulation services to the user community through the innovative automated self-check-in and check-out facility. The Web OPAC facilitated the library users to search and browse all the library resources 24/7. Also, library users can renew online the borrowed books and reserve new books. URL (<http://cupserver4/w27/>) CUPB Knowledge Repository The Knowledge Repository is capable to collect, organise and preserve the scholarly resources produced by the faculty members and scholars. The repository would enhance the visibility to the research output of the university. The Library archived 700 documents from the faculty members, scholars and students. The repository contains diverse resources, which includes journal articles, book chapters, conference paper, presentation, etc. URL (<http://kr.cup.edu.in>) Off Campus Access The Off-Campus Access service is

provided to the faculty members, scholars and students to seamlessly access the subscribed scholarly electronic resources from outside the University campus in addition to on-campus access. Username and password have been provided to all the faculty members and scholars to access the resources 24/7. URL (<https://idp.cup.edu.in>) CUPB: Research Information Network System The Library has initiated the research information management service called CUPB-Scholars Profiles using the Indian Research Information Network System(IRINS). The CUPB-Scholars Profile is the platform to collect the scholarly communication activities of the faculty member and showcase to the academic community. The Scholars Profile connect the scholars with similar interest, bring more visibility to the research work and create a scholarly network. URL (<http://cup.irins.org>)

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	IT used in Finance Branch of CUPB :- 1. PFMS of Government of India being used for payments, expenditure reporting etc. 2. Tally software for accounts maintenance, payment advices generation, payroll. 3. Payment vouchers are emailed prior to payment to concerned vendor or beneficiary from Tally under information dissemination initiative. 4. IFMS system developed for budget booking, UC generation etc 5. Expenditure and various reports are updated on CU portal of UGC. 6. Students fee is being collected in digital mode. 7. A student module is under pipeline which will be functional shortly and all students finance related activities are being planned in online mode.
Administration	Leave Management: The record of leaves of employees of the university is maintained online. The submission of application and its approval by different channels is given online.
Examination	? Examination section developed in-house examination portal, which covers: ? Online End-Semester Examination, Online Examination form, Online Subject allocation and Online Exam Paper Creation. ? Result Preparation software

is being used for compilation of results of all programmes and calculation of CGPA. ? Examination section developed in-house DMC generation application. ? CUPB adopted the National Academic Depository (NAD) system for digital and safe electronic storage of all academic awards viz. certificates, degree, marks sheets etc. ? Examination section developed in-house online Convocation portal. ? University issues Degree/Mark Sheets/Transcript with security feature in the such as, name of the University/Course, photograph of students, unique registration ID, University logo seal, water mark, QR Code and bar code.

Student Admission and Support

? Master(s) Admission Portal covers Online application submission, Online Counselling, Merit list preparation, Vacancy details etc. ? Ph.D. Admission Portal includes Online application submission, Shortlisting, Call letter preparation, Online Interview etc.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. Chidanand Patil	Faculty Development Programme	MANAGE, Hyderabad	12164
2018	Prof. Anjana Munshi	Faculty Development Programme	MANAGE, Hyderabad	12164
2018	Dr. Vinod Kumar	Frontiers in Chemical Sciences	Department of Chemistry Indian Institute of Technology Guwahati	12000
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
------	--	---	-----------	---------	---	---

		staff				
2018	NIL	Training Program on Good Office Practices by Dr. Hanuman Sharma, CoE, JNU, Delhi	24/10/2018	24/10/2018	0	47
2019	Workshop on Program Learning Outcomes and Course Learning Outcomes by Prof. N. K. Dash, Professor, School of Education, IGNOU, Delhi	NIL	08/01/2019	08/01/2019	47	0
2019	NIL	Lecture on Time Management conducted by Dr. Hanuman Sharma, CoE, JNU, Delhi	08/02/2019	08/02/2019	0	40

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Short Term Course	1	18/02/2019	01/03/2019	12
Orientation Programme	1	03/06/2018	31/07/2018	28
Orientation Programme	1	13/11/2018	11/12/2018	28
Orientation Programme	1	17/12/2018	14/01/2019	28
Faculty Induction Programme	1	13/06/2019	12/07/2019	30

Orientation Programme	1	11/12/2018	07/01/2019	28
Faculty Induction Programme	2	11/02/2019	12/03/2019	30
Orientation Programme	1	26/11/2018	22/12/2018	28
Faculty Induction Programme	1	13/06/2019	12/07/2019	30
Refresher Course	1	26/03/2018	20/04/2018	28
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
92	92	92	92

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
CUPB is in the process of starting Health Insurance Scheme both for faculty and students of the University	CUPB is in the process of starting Health Insurance Scheme for non-teaching staff of the University	Earn While You Learn Scheme introduced at CUPB to benefit the students and health insurance and travel insurance during field trips have also been introduced.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

<p>Institution has put in place a robust mechanism to carry out regular financial audits through internal and external authorities, and ensures review of every financial transaction at multiple levels to uphold the highest standards of efficacy and compliance. Each and every financial transaction involved in various processes, such as - procurement, establishment, funds/fee receipts, capitalization, investment, and accounting etc., is initially examined critically at various levels by Finance Section which is headed by an experienced Dy. Finance Officer (DFO). Thereafter, transactions are reviewed/pre-audited by Internal Audit Section, which is headed by a professional Internal Audit Officer (IAO), at different stages, i.e. before administrative approval, financial approval and release of payment etc.. In addition to this, external financial audit is carried out by o/o Comptroller and Auditor General of India (CAG) which thoroughly examines the books of accounts of the Institution and provide assurance on post-audit basis. Institution reviews the audit observations and suggestions on a regular basis and take the required corrective steps to maintain and strengthen the internal control mechanism.</p>
--

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
--	-------------------------------	---------

M/s Sita Ram Jindal Foundation	600000	Institution of Gold Medals for excellence in Education
View File		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

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

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not applicable

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

we do not have the parent-teacher association.
--

6.5.4 – Development programmes for support staff (at least three)

1. Training for security staff 2. Training for Fire Safety 3. Training for surveillance 4. Training about labour rights

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Started working on E-governance 2. Promotion of research and creation of research facilities 3. worked hard for shifting to new campus

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	MOOC courses	25/04/2018	01/08/2018	30/07/2019	343
2018	Curriculum Audit	31/07/2018	17/05/2018	25/05/2018	17
2018	Internal Academic Audit	31/07/2018	22/06/2018	03/07/2018	17

2018	External Academic Audit	31/07/2018	10/07/2018	11/07/2018	17
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
7 Days Special Camp for Beti Bachao Beti Padhao	21/02/2019	21/02/2019	28	56
7 Days Special Camp for Beti Bachao Beti Padhao	21/03/2019	21/03/2019	23	38
7 Days Special Camp for Beti Bachao Beti Padhao	28/03/2019	28/03/2019	17	28
7 Days Special Camp for Beti Bachao Beti Padhao	28/03/2019	28/03/2019	21	34

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1. Solar lamps are used as street lights 2. Wind mill 3. Reuse of treated sewage water for irrigation 4. Use of LED lights for energy saving 5. Bio-waste is sent to incinerator facility for treatment/disposal in closed vehicle. 6. Following State-Govt. e-waste disposal policy 7. Plantation is done on World Environment Day and on other various occasions 8. Water testing carried out in 5 adopted villages to ascertain its potability.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	1241
Braille Software/facilities	Yes	0
Rest Rooms	Yes	1241
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
------	---	--	------	----------	--------------------	------------------	--

	advantages and disadvantages	and contribute to local community					
2018	8	5	07/06/2018	06	HEALTH CAMP AT JASSI PAU WALI VILLAGE	Health issues	8
2018	8	5	22/07/2018	6	HEALTH CAMP AT ROSE GARDEN BATHINDA (WALKTHON)	Health issues	10
2018	8	5	08/10/2018	6	Health camp for vital organ functions, diabetes and hypertension in Jassi Pau Wali	Health issues	13
2018	8	5	09/09/2018	6	Health camp for vital organ functions, diabetes and hypertension in University Campus	hypertension	16
2018	8	5	09/11/2019	6	POLLUTION AWARENESS RALLY/POSTERS PRESENTATION ON STUBBLE BURNING AT CENTRAL UNIVERSITY OF PUNJAB (MAIN ROAD)	Pollution awareness	22

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
-------	---------------------	--------------------------

Professional Ethics Code for Faculty	02/07/2018	When faculty members join the University, they sign the code of conduct which is given to them along with the appointment letter. The faculty has to follow the code of conduct which consists of professional ethics of teaching, behavior and regarding maintenance of confidentiality wherever required.
--------------------------------------	------------	---

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Constitution Day Celebrations where in Prof. Veer Singh, Former Vice Chancellor, NALSAR and Former Director, Chandigarh Judicial Academy addressed the students on Fundamental Duties	26/11/2018	26/11/2018	50
World Human Rights Day was commemorated.	10/12/2018	10/12/2018	60
Ek Bharat Shresth Bharat Programme wherein delegation of 55 students of IISER, Tirupati visited CUPB campus and stayed here for 4 days, shared the cultural practices and were also introduced about the culture of Punjab and site scene programme was or	22/12/2018	27/12/2018	130
World Youth Day to commemorate Birth Anniversary of Swami Vivekanand and organized a lecture of 'Peace and Brotherhood'.	11/01/2019	11/01/2019	80
Ek Bharat Shresth Bharat Programme was organized	21/02/2019	28/02/2019	1450

<p>wherein students from all over India studying in CUPB were given an opportunity to show case their culture, cuisine and share their knowledge about languages, folks, politics, arts etc. The programme a</p>			
<p>National Youth Parliament under the aegis of Ministry of Parliamentary Affairs was organized with the purpose to inculcate the virtues of scientific temperament, belonging to the nation and society, promoting freedom of speech and expression and cont</p>	21/08/2018	04/10/2018	55
<p>National Unity Day was celebrated to commemorate the Birth Anniversary of S. Vallabh Bhai Patel on 30.10.2018 by organizing a Walk for Unity.</p>	30/10/2018	30/10/2018	117
<p>Guru Gobind Singh Study Chair, Central University of Punjab, Bathinda organized a National Seminar on Life, Philosophy and Impact of Guru Gobind Singh.</p>	19/11/2018	19/11/2018	250
<p>Satguru Ram Singh Chair organized a National Seminar on 'Namdhari Sikhs in Independent India' with the aim to spread the teachings of Satguru Ram Singh regarding female</p>	20/11/2018	20/11/2018	225

foeticide,
equality,
protection against
exploitation, dowry
prohibition,
abolitio

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

16th 17th March 2019: Regional Workshop on Bio-Diversity Laws organised by CUP
The Central University of Punjab successfully organised a Two-day Regional Workshop on Biological Diversity Laws. The theme of the workshop was 'Strengthening Human Resources, Legal Frameworks, and Institutional Capacities to Implement the Nagoya Protocol'. This training program was organised by the United Nations Development Program (UNDP) in collaboration with the National Bio-Diversity Authority (NDA) and the National Law School of India University (NLSIU), Bengaluru under the UNDP-GEF (Global ABS Project). The objective of this workshop was to understand - 1. The reasons for Conservation of Bio-Diversity (CBD) and Sustainable Development, 2. Steps taken at the international level for CBD, 3. Explaining steps taken by the Indian Government to ensure CBD by incorporating principals of international environmental law, and 4. To demonstrate the idea of fair and equitable sharing of benefits arising from the utilisation of resources. More than 180 participants comprising faculty members and students from Punjab, Haryana, Rajasthan and other states registered in this programme The keynote speaker of the Inaugural Session Prof Sairam Bhat from NLSIU, Bengaluru talked about the importance of conservation of biodiversity. He informed that India is not only diverse in cultures and languages but is also a biodiversity hot spot on the world map. CUP Vice-Chancellor, Prof R.K. Kohli, in his presidential address, presented a brief account of the rich biological diversity of our country. He referred to deforestation, pollution, intrusion of exotic plants in domestic soil and over-exploitation of medicinal plants as the leading causes responsible for our bio-diversity degradation.

18th to 24th March 2019: Seven-day Awareness Camp at Jassi Pau Wali organised by NSS Wing- CUP The NSS Wing of the Central University of Punjab organised a seven-day awareness camp at Jassi Pau Wali village in district Bathinda. The camp aimed to create awareness about higher education, health, and hygiene-related issues. The theme on the first day was "Clean India, Green India". Dr Ramanpreet Kaur, Programme Officer, NSS Cell CUPB and Mr. Sukhnaib Singh welcomed the participants. During one-week, various programmes and events were organised under Hygiene Awareness, Road Safety, Beti Bachao Beti Padhao, Save Animals, Birds and Natural Survival Techniques, Pollution-free Environment and Drug De-addiction.

31st Mar 2019: 7- Day Camp at Naruana and Ghudda Village organised by CUP NSS Wing- CUP The NSS Wing of the Central University of Punjab successfully organised a seven-day awareness camp at Village Naruana Village Ghudda in the district Bathinda from 25th March to 31st March. The camp aimed to create awareness about higher education, health, hygiene, environment, and road safety issues. During the camp, various programmes were executed by NSS volunteers under the theme of Clean India, Green India, Hygiene Awareness, Raod Safety, Pollution Free Environment, Save Animals Birds Awareness Session and Natural Survival Techniques, Drug De-Addiction and Beti Bachao Beti Padhao. A special programme was held on Beti Bachao, Beti Padhao. The key attraction of the programme was a street play and a special guest lecture by social activist Mr Narinder Bassi.

The NSS Cell along with the Vardaan Club of the Central University of Punjab,

Bathinda celebrated World Environment Day on 5th June 2018 to create awareness about environmental pollution, its types and best practices to keep the university premises clean and pollution-free. NSS volunteers and staff of the university participated in a cleanliness drive and segregated the biodegradable and non-biodegradable waste. Later, the NSS volunteers, under the supervision of Dr. Monisha Dhiman, visited the Education Centre of slum children and organised a poster making competition and various interactive activities to teach the children about the environment and their responsibility towards keeping it clean.

22nd February 2019: CUP organised Rangoli and Best- out- of- Waste competition As a part of the Foundation Week celebrations, CUP organised rangoli and best-out- of- waste competitions. Around 110 students from different departments registered and exhibited their artistic skills by preparing magnificent rangoli patterns on the theme of Gender Equality and Environmental Sustainability'. Approximately 65 students took part in the best-out-of-waste competition and showcased their creativity with impressive home décor items, handbags and accessories. Dr. Kumkum Kohli graced the occasion as the chief guest. Dr Kohli delightfully witnessed all rangoli artworks and best out of waste concepts. She said that all the participants had immense talent, and everyone deserved appreciation for showcasing innovative ideas. Spectators liked the rangoli presentation and availed the opportunity to purchased goods prepared with waste materials.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Best Practices of Library The library is dedicated to catering to the information-related needs of students, researchers, faculty and academician of the university. The Library is fully air-conditioned and is located at a central place in the Academic Block with the state-of-the-art seating facility apart from providing a quiet ambience. The library has over 42123 titles, subscription to 65 print journals and 7479 e-journals, and access to ten data bases including Web of Science and SCOPUS. Automation The library is fully automated. It opens to the user community from 8.00 AM to 2.00 AM (18 hrs) round the year except three national holidays i.e. Republic Day, Independence Day Gandhi Jayanti. The entry of the library is through smart card access control system. The library is equipped with Wi-Fi connectivity, allowing the users to work within the library by accessing both offline and online resources. The circulation of the books is through self-check-in and check-out RFID system. The automatic due date reminder of the books is through email SMS. The Electromagnetic and RFID gates have been installed for security of the library material. The OPAC (online public access catalogue) facility to search, re-issue and reserve the books is through internet and intimation for the availability of the reserved books is through SMS and email. Research Information Network System The Library has initiated the research information management service called CUPB-Scholars Profiles using the Indian Research Information Network System (IRINS). The CUPB-Scholars Profile is the platform to collect the scholarly communication activities of the faculty member and showcase to the academic community. The Scholars Profile connect the scholars with similar interest, bring more visibility to the research work and create a scholarly network. It provides more metrics on the research output such as department profile, publications, H-index and co-author network, etc. Scholars Profile can be accessed through the URL (<http://cup.irins.org>) Kindle Reader The library provides a Kindle readers to the user community with 35,000 pre-loaded e-books. The Library has 10 Kindle readers and are available for borrowing. CUPB Knowledge Repository The University Library has set up a Knowledge Repository to collect, organise and preserve the scholarly resources produced by the faculty members and scholars. The repository brings more

visibility to the research output of the university. The Library archived 1681 documents from the faculty members, scholars and students. The repository contains diverse resources, which includes journal articles, book chapters, conference paper, presentation, etc. The knowledge repository can be accessed by the URL (<http://kr.cup.edu.in> Off-Campus Access: e-Resource The Off-Campus Access service is provided to the faculty members, scholars and students to seamlessly access the subscribed scholarly electronic resources from outside the University campus. Username and password have been provided to all the faculty members and scholars to access the resources 24/7. The off-Campus Access service available through the URL (<https://idp.cup.edu.in>)

2. Earn While You Learn Scheme Central University of Punjab, Bathinda, takes an initiative to make the students self-reliant and develop their creativity and skills during their stay at university. The university encourages the students to take up part time jobs at the university to make them independent under the "Earn While You Learn" scheme on campus. Objectives of the scheme are to: Exploit the immense potential of students as a valuable human resource. Involve the students in management and development of the institution. Give students hands on experience and thereby prepare them for jobs in future. Encourage young students to learn about dignity of labour. Prevent students from avoidable distractions and engage them in meaningful, positive activities. Enable meritorious and needy students to earn a reasonable amount every month to meet their expenses. Eligibility Students who are registered in CUPB for any programme having at least 75 attendance. The students should not be the recipients of fellowship/financial aid from any other funding agency, either private or public. All post graduate students (with above criteria) of the university departments can be considered for the assistants in library, laboratory, computer centre and store. A supervisor may be nominated to monitor the progress work and maintain the attendance record under each category and he/she may countersign with the COC for forwarding the monthly claims. Earn While You Learn (EWYL) scheme Under the scheme the students can be assigned various tasks as listed below in the university campus: Laboratories In the labs/workshops the students can be engaged for making them responsible for handling the equipment/machinery, its maintenance and upkeep, storage of equipment and upkeep of Laboratories/Workshops. Senior students shall be useful for conduct of practicals. Preparing protocol handouts for practical and research work. Helping the faculty in the purchase of essential laboratory accessories. Maintenance of stock registers and other record in the laboratory. Library The students engaged for library jobs such as cataloguing, replacement of books and journals in shelves, display of books, repair and binding the books. Office The students can also be engaged for performance of various office jobs like preparation of statements, compilation and analysis of data, maintenance of student and faculty data and help in preparation of reports. University Stores Store inventory, data entry, maintaining registers. Computer Centre Hostel/Mess Maintenance of hostel records such as student's attendance, general cleanliness in the mess and hostel. The above job descriptions are only illustrative and not exhaustive. Other jobs/areas may be added subsequently based on the feedback from university staff and students. Rules In order to keep vigil on the deployment of students and payments to be made to them the following restrictions are required to be imposed: The students may not be deployed in excess of the non-teaching vacant posts to be identified for this purpose. Students may be assigned a task for maximum 3 hours per day. The working hours will be before or beyond the regular scheduled classes. The EWYL committee shall make the recommendation for the selection of candidates. The working hours for all categories of assistants shall be evenly distributed over a period of one month. Enrollment register is to be maintained by the concerned faculty/staff which may contain full particulars of the enrolled student and details of the work to be allocated to him mentioning therein actual working hours. The concerned faculty/staff is to verify the work done and will record

on the payment voucher that the student has actually worked for which the remuneration is being paid. The accounts section has to maintain the entire record and will produce the same for scrutiny as and when requested by the audit. Any student claiming false payments will be immediately terminated from the EWYL scheme and disciplinary action will be taken against him.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.cup.edu.in/library.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The vision and priority of the university are to excel in research. One of the main focus areas of research is the cancer studies, concentration of heavy metals in the ground water and burning of paddy stubble leading to environment pollution. The university has acquired the highest ResearchGate score, h-index and citation index amongst new Central Universities. The relative h-index according to Scopus is 26 and according to Web of Science is 24. The university has the research projects of Rs. 67 crores approx. mainly from external agencies. To encourage faculty for conducting research, research awards have been instituted at the university level. Well-equipped tissue culture laboratories for plant, animal, human and cell-lines culturing and a Molecular Genetics laboratory having 96 capillary 3730XL high throughput DNA sequencer, RT PCR, Gradient PCR, UV-Visual Spectrophotometer, automated karyotyping system, Electrophoresis units, Gel documentation system, high precision water baths, Ultra-low temperature deep freezers, high speed cooling centrifuges, Vacuum Concentrator, iNanoDrop 3000, CO2 incubators, and Millipore water purification systems have been established at the City Campus, to supplement the existing state of the art Biosciences, Chemical Sciences and Pharmaceutical Sciences laboratories. Walk in cold room facility with three different temperature regimes available for short and medium term storage of biological materials for periods up to ten years. A growth house and a screen house for multiplication and conservation of endangered plant species. Atomic Absorption Spectrophotometer, Gas Chromatographic Mass Spectrometer, Fourier Transform Infrared Spectrometer and Microvoltmeter have been added to the central instrumentation facility. Field-Emission Scanning Electron microscope, Confocal Laser Scanning Microscope with Fluorescence Correlation Spectroscopy and other sophisticated equipment being added as central facility. CIL has been playing a pivotal role in supporting the research activities of the three Schools in Science and Technology and 11 Centres distributed among these schools. All departments have been focusing on their thrust areas of research to achieve the mission of the university.

Provide the weblink of the institution

http://www.cup.edu.in/index_home.php

8.Future Plans of Actions for Next Academic Year

The university will focus on different aspects of E-governance in the university, such as academic governance, recruitment, employee management, admissions and grievance redressal. The departments will enhance their contributions in community services, especially in the adopted villages. We will be shifting to the new campus, therefore botanical garden with medicinal plants will be established. More emphasis on international relations with different universities will be given. The curriculum of all programmes will focus on achievement of Learning objectives and will be updated on the basis of feedback of stakeholders. Energy-saving and environment protection projects will be in the

priority list of the university. The teaching and administrative staff will be provided training for enhancing their efficacy.