



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

Panjab University

• Name of the Head of the institution Prof. Raj Kumar

• Designation Vice-Chancellor

• Does the institution function from its own campus? Yes

• Phone no./Alternate phone no. 01722541945

• Mobile no 01722541945

• Registered e-mail iqac@pu.ac.in

• Alternate e-mail address vc@pu.ac.in

• City/Town Chandigarh

• State/UT Chandigarh

• Pin Code 160014

2.Institutional status

• University State

• Type of Institution Co-education

• Location Urban

• Name of the IQAC Co-ordinator/Director Prof. Sanjeev Sharma

- Phone no./Alternate phone no **01722536151**
- Mobile **9814487217**
- IQAC e-mail address **iqac@pu.ac.in**
- Alternate Email address **sksharma@pu.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://iqac.puchd.ac.in/docs/2021/20210809164046-agar2019-20acceptedreport180621.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.puchd.ac.in/includes/documents/2020/academic-calendar-2020.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Five Star	Nil	2001	21/05/2001	20/05/2006
Cycle 2	A	3.47	2009	29/01/2009	28/01/2014
Cycle 3	A	3.35	2015	25/06/2015	24/06/2022

6.Date of Establishment of IQAC

01/05/2003

7.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
Prof. Prince Sharma, Department of Microbiology	Special Assistance Programme at the level of DRS-I	UGC	2016 for 5 years	38.48 lac
Prof. S.K. Tomar, Department of Mathematics	Special Assistance Programme at the level of CAS-VI	UGC	2016 for 5 years	76.62 lac

Prof. Kalpana K. Mahajan	Special Assistance Programme at the level of DSA-III	UGC	2016 for 5 years	14.83 lac
Prof. Ashutosh Kumar, Department of Political Science	Special Assistance Programme at the level of DSA-I	UGC	2016 for 5 years	34.11 lac
Prof. Rumina Sethi, Department of English & Cultural Std.	Special Assistance Programme at the level of DRS-II	UGC	2018 for 5 years	8.10 lac
Prof. Abhik Ghosh, Department of Anthropology	Special Assistance Programme at the level of DRS-II	UGC	2018 for 5 years	12.82 lac
Prof. Sanchita Chauhan, Dr. SS Bhatnagar University Institute of Chemical Engineering & Technology	Special Assistance Programme at the level of DRS-II	UGC	2018 for 5 years	5.90 lac
Chairperson, Department of Biophysics	DST FIST PROGRAMME BIOPHYSICS	DST	2017 for 5 years	75.00 lac
Chairperson, Department of Chemistry	DST FIST PROGRAMME CHEMISTRY	DST	2016 for 5 years	300.50 lac
Chairperson, Department of Physics	DST FIST PROGRAMME PHYSICS	DST	2017 for 5 years	300.19 lac

Chairperson, University Institute of Engineering & Technology	DST FIST PROGRAMME UIET	DST	2020 for 5 years	100.23 lac
Dr. Sanjeev Puri, University Institute of Engineering & Technology	DBT- BUILDER - Panjab University I nterdiscipli nary Life Sciences Programme for advance Research and Education	DBT- BUILDER	2021 for 5 years	668.3 lac
Dr. SS Bhatnagar University Institute of Chemical Engineering & Technology	TEQIP-III	MHRD through National Project Impl ementation Unit (NPIU)	2017	570 lac
University Institute of Engineering & Technology	TEQIP-III	MHRD through National Project Impl ementation Unit (NPIU)	2018	515.11 lac
University Institute of Engineering & Technology	Design Innovation Centre (DIC)	MHRD	2016	96 lac

8. Whether composition of IQAC as per latest NAAC guidelines Yes

- Upload latest notification of formation of IQAC [View File](#)

9. No. of IQAC meetings held during the year 3

- The minutes of IQAC meeting and compliance to the decisions have been Yes

uploaded on the institutional website.
(Please upload, minutes of meetings and
action taken report)

- (Please upload, minutes of meetings and action taken report) [View File](#)

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

11. Significant contributions made by IQAC during the current year (maximum five bullets)

IQAC has submitted data for NIRF-2021, ARIIA-2021, QS-2022 and TIMES-2022 rankings. The Panjab University was ranked 1st in Atal Ranking of Institutions on Innovation Achievements (ARIIA)-2021 in category of University & Deemed to be University (Govt. & Govt. Aided) (Technical)

IQAC has developed and successfully implemented Information Resource Portal (IRP) for Panjab University Chandigarh. This Portal is an innovative way to collect and organise information from 78 university departments and regional centres. The software helps Panjab University to capture and submit data for NAAC, NIRF, AISHE, AQAR, Times Higher Education, and various other ranking agencies. The portal is regularly updated as per revised guidelines of NAAC for AQAR and SSR and other ranking frameworks.

IQAC maintains its exclusive website as mandated by the NAAC. The NAAC report, AQARs, Evaluative Reports, Annual Reports, NIRF reports, MoUs, News & Events of IQAC, and many other such useful reports have been uploaded on this IQAC website.

Sixteen parallel online training/workshop sessions were held (19.05.2021 to 25.05.2021) for chairperson/ mini-IQAC in-charge of the departments and centres for the purpose of their appraisal to the data and supporting documents as per requirements of NAAC.

IQAC is continuously working for the implementation of various quality parameters defined by NAAC in the Panjab University.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Implement Feedback forms for all stakeholders	Feedback forms were communicated to departments for implementation
CO/ PO/ PSO development for departments of university	Various workshops have been conducted for appraisal of faculty for development of CO/PO/PSO. Many departments have implemented CO/ PO/ PSO.
Planned to conduct Internal Academic and Administrative Audit via Mock inspections of the university departments.	Continuous process

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
Higher Authorities	28/07/2022

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

15. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	Panjab University
• Name of the Head of the institution	Prof. Raj Kumar
• Designation	Vice-Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01722541945
• Mobile no	01722541945
• Registered e-mail	iqac@pu.ac.in
• Alternate e-mail address	vc@pu.ac.in
• City/Town	Chandigarh
• State/UT	Chandigarh
• Pin Code	160014
2.Institutional status	
• University	State
• Type of Institution	Co-education
• Location	Urban
• Name of the IQAC Co-ordinator/Director	Prof. Sanjeev Sharma
• Phone no./Alternate phone no	01722536151
• Mobile	9814487217
• IQAC e-mail address	iqac@pu.ac.in

• Alternate Email address	sksharma@pu.ac.in				
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	Research and Education			
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<ul style="list-style-type: none"> The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) 		Yes		
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<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Higher Authorities	28/07/2022
14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No
15.Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-21	25/03/2022
16.Multidisciplinary / interdisciplinary	
<p>Panjab University Chandigarh has been in the forefront in ensuring quality education with renewed focus on Multidisciplinary and holistic education. Various departments of the University are involved in creating multi-disciplinary courses while restructuring the curriculum in five components aligned with NEP-2020 vision. Different workshops for Chairpersons/ Heads of Departments/ Directors of various Centers have been conducted to add five components in the programme and also to align value-added courses, skill enhancement,</p>	

internship and experiential learning and research components so that the process of transition from existing system to multidisciplinary education can be undertaken seamlessly. The discussion with all stakeholders of the university has ensured to inculcate the Inter and Intra disciplinary curriculum in different courses aimed at designing student-centric content.

Following steps have been initiated:-

1. Conducting multiple meetings with stakeholders in a time bound manner to create awareness about the Multidisciplinary education and its impact on stakeholders.
2. Holding collaborative meetings with industry through industrial associations like CII, FICCI etc. to understand the needs of the industry and accordingly suggest inputs to be incorporated in the curriculum to make youth employable and content oriented.
3. In the light of recommendations of stakeholders, academic bodies in the university will draft the regulations for Multidisciplinary education in their respective faculties.

Invariably across various Departments and centers, the issues and challenges are related to infrastructure requirements, other issues like shortage of qualified staff, faculty development programmes, orientation of students, upgrading library resources and sharing of resources/equipment/labs and other infrastructure. P.U administration is making earnest efforts to overcome these challenges.

17.Academic bank of credits (ABC):

The university is in the process of amendments in rules and regulations as per the ABC under which the students seeking admission to PU via transfer of credits. More discussions are taking place at the department level to give students awareness of the ABC facility, Multi entry and multi-exit provision, offering verity of courses to choose from prescribed courses etc. Seminars and conferences, discussions within the governing council /director/chairperson / and with faculty regarding the curriculum development in which multi-entry and multi-exits framing of departmental curriculum and methodology of teaching within the existing curriculum are underway. CBCS is already followed in Engineering and Science departments. Flexibility and choices in the curriculum framework have been introduced through the addition of two to four credit value-added/skill development courses (which can be online or offline) and another component of

research in each study program. The two-year post-graduate study program would now have 76 to 96 credits in total in four semesters. As per NEP-2020 other disciplines are offering with focus on:-

1. Ensuring Multidisciplinary learning including the Indian Knowledge System
2. The programs have Program-specific outcomes/ program outcomes and course outcomes /Learning attainment
3. Provision for multimodal curriculum transaction with a healthy mix of offline/ online/ blended modes
4. Students engagement with the community as well as other organizations/ institutions through Generic electives/value-based courses
5. Skill-based and experiential learning/Internship components are being incorporated in each programme
6. The research component forms a very important part of each programme

It is proposed that in 2023-2024, PG and UG level programs will run with the revamped NEP -2020 aligned curriculum without any change in the number of years. Students will be able to choose from baskets of value-added courses and skill enhancement courses. The changes in the duration of UG courses from three to four years as well as ABC are being introduced in a phased manner.

18.Skill development:

Skill Development and Employability Keeping in mind the 'student-centric approach' as envisioned by NEP-2020, every department has been surveying students by asking their 'would be choices' for CBCS and Value added courses. The University Business School, for example, has recently surveyed 2nd-year students in this regard. P.U offers a number of value-added courses which are helpful to the students in their careers. Each department has organised more than two value-added courses and delivered certificates to the students in the university in the year 2020-2021. More than 150 value-added courses and soft skill development courses have been organised. The departments like USOL, German department, French department, Asian studies departments, Swami Vivekananda Studies, UBS, placement cell, IAS coaching centre, lifelong and adult education centre etc. are offering value added certificate courses and some of them also have diploma courses.

A basket of value-added courses/skill development courses/ human

values / MOOCs courses is being developed and its link at the centre level will be ensured so that students can opt for any of the value-added courses of their choice keeping in mind the resources and availability of courses and its fees structure.

Detailed procedure has been laid down:

1. Each department to develop the attainment of course learning outcomes.
2. Each department is in the process of Integrating vocational education programmes into mainstream education
3. Offer vocational education/ skill development courses through the ODL mode
4. Providing bridge courses to exit to other appropriate conventional degree programmes
5. Create a platform to encourage students to bring out their creative and innovative marketable ideas
6. Create earn-while-learn opportunities for students
7. organizing Skilling programs for underprivileged, economically weaker and girl students
8. Social engagement of students enrolled in vocational programs for the development of rural and marginalized sections
9. Create special training programs linked with employment for women.
10. Panjab University has a Centre for Skill Development & Entrepreneurship which aims to promote the skill development of the students and facilitate Industry exposure of Students/Faculty. It ensures employability through industry institution link development and also by developing a necessary mechanism to bridge Skill Gaps and fostering new Start-Ups.

The majority of departments have incorporated this component intending to develop practical skills and enhance the confidence of the students to face the world of work. A basket of skill-based courses designed by faculty members are in the process of consolidation.

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Promotion of Indian Knowledge Systems (IKS) as underlined in the NEP-2020 is being accorded priority at PU represent different aspects of IKS in the course- modules (VACs, CBCS, Multidisciplinary Courses etc.) being prepared at undergraduate

and postgraduate levels to implement the NEP-2020. Moreover, the Research and Development Cell of the university has put 323 pdfs (including the videos) related to different aspects of IKS and "Mulyapravaha (Dissemination of Values) which provide the stakeholders of NEP-2020 the valuable material for making the pedagogical modules and student-friendly study material on various aspects of IKS on the PU Web- Portal:

<https://rdc.puchd.ac.in/includes/noticeboard/2022/20220427162947-linksfinal.pdf?202221075523> . Faculty members undertaking curriculum revision have thus been facilitated to choose and integrate suitable videos and pdfs from this list of links on IKS.

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

All the programmes in the University have well-defined programmes and programmes specific outcomes. The curriculum of each programme is designed to meet the programme-specific outcome. Teaching strategies, pedagogy, evaluation components and schemes are discussed with the students. The courses at PU focus on the development of aptitude, skills, ability and capacity in the students to achieve excellence in employment, research, development of critical thinking, ethics, responsible citizenship, social awareness and communication skills course outcomes are assessed using multiple strategies appropriate to various learning objectives. Theoretical gains are tested at regular intervals using snap tests, and mid-semester and end-semester examinations. Additionally, discussions, presentations and term-paper assignments are reliable, time-tested tools for the teaching faculty to assess learning outcomes. Many departments also have self-assessments by students. At the beginning of each lesson, expected learning outcomes are specified and in between, there are self-assessment questions/ activities designed to test expected learning outcomes. As the student progress through the lesson, they assess their learning by attempting self-assessment questions/ activities. The Practical examinations/viva voce is conducted in many subjects to assess knowledge and skills. Also, performance in field work/internships is evaluated to assess the attainment of outcomes like life skills etc. as per course outcomes. Besides, some events like literary and creative writing competitions, debates and discussions, and student seminars are organized to ensure the attainment of some course outcomes.

21.Distance education/online education:

The pandemic has forced the institution to definitive program for

online education. Panjab University had conducted several workshops in the pre-Covid and more during the Covid lockdown period to train teachers for use of digital technology in the teaching-learning process. Panjab University has a fully wired and Wi-Fi enabled campus which is well-connected with ICT platforms and tools such as GOOGLE CLASSROOM, ZOOM, and CISCO WebEx and this ICT-enabled teaching methodology and advanced technology are being followed by the faculty. Faculty have been providing G-suite accounts and a caring management system (LMS) which is also been used. Some of the vocational courses were conducted online as well as face-to-face contact for students, e.g, machine learning, deep learning Big data analytical, mechanical learning python, blockchain, and Java learning regularly etc. Some of the faculty members are engaged in developing their own MOOCs and courses for e-PG Pathshala. PU has a dedicated SAWAYAM cell and coordinator who is helping in introducing MOOCs in every program. Panjab University's highly successful and popular MOOC course on "Digital Marketing" is funded by the University Grants Commission, New Delhi and is being offered on the Ministry of Education's portal, "SWAYAM". This course follows application-based teaching-learning pedagogy where learners are exposed to various tools, platforms and techniques of digital marketing such as Website development, Word Press, Google Ads, Email Marketing and Google Analytics.

Panjab University aims at integrating the Vocational Education programme in a phased manner in the process of designing various vocational courses for the benefit of students as well as in-service teaching.

Extended Profile

1.Programme

1.1	338
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Number of programmes offered during the year:

1.2	78
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Number of departments offering academic programmes

2.Student

2.1	17618
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Number of students during the year

2.2	5864
Number of outgoing / final year students during the year:	
2.3	15161
Number of students appeared in the University examination during the year	
2.4	192
Number of revaluation applications during the year	
3.Academic	
3.1	5523
Number of courses in all Programmes during the year	
3.2	810
Number of full time teachers during the year	
3.3	1492
Number of sanctioned posts during the year	
4.Institution	
4.1	220877
Number of eligible applications received for admissions to all the Programmes during the year	
4.2	2968
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
4.3	207
Total number of classrooms and seminar halls	
4.4	2144
Total number of computers in the campus for academic purpose	
4.5	9629.52
Total expenditure excluding salary during the year (INR in lakhs)	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The University offers different programmes leading to degrees at bachelors, master's and Ph.D. under its Eleven Faculties in various fields. The curricula are designed in a way that they support the overall development of students with leadership qualities making them highly competitive and professional both at national and international level. With advanced theoretical knowledge, each student gets full hand-on-training for skill development through professional guidance, experiential learning with field trips, projects and value-added experiments in both dry and wet labs, as per the discipline. The syllabi are further aligned with the ever growing local/regional/national/global professional and societal needs as is evident from the high scale of (i) employability, (ii) entrepreneurship, (iii) higher studies at both international and highly ranked national institutes/central laboratories. The input through student feedback system further forms an essential and healthy component in the curricular design and development process.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

103

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

3101

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

620

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

In order to integrate cutting edge policy, curricula across the board is revamped annually. All courses are so designed to impart ethical orientation. Foundation courses include those on environmental protection and sustainability. The students, teachers and the staff are sensitized to the human values and ethical dimensions through organization of workshops and commemorative events. The various stakeholders are involved through institutional committees to ensure consistent, equitable and equal actions in all fields. The Ethics Review Committee meets regularly in order to review research proposed and in progress. There is no glass ceiling anywhere in the institution in terms of

gender. Gender fluidity is respected; this institution is among the first few to provide dedicated transgender washrooms. Regular tutorials and mentorship ensure the maintenance of human values among students. Most of the university events are marked by some sustainable act such as tree plantation, the dissemination of water conservation consciousness or a brief clean-up operation of the surroundings or gifting of plant saplings. Science courses such as Chemistry carry a component on Green Chemistry. Humanities courses such as English and Cultural Studies carry a component on Eco-criticism.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

87

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

3962

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

4590

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

10380

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1876

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

PU aims at ensuring its educational processes are as per the needs and aspirations of its learners. Its educational processes are as per the needs and aspirations of its learners. The teaching learning pedagogies are reoriented for advanced and slow learners so as to ensure a meaningful and purposeful educational process. Panjab University has adopted various pedagogical skills to improve the learning outcomes of specific categories of students such as those who are advanced learners and those who are slow learners. Advanced learners are exposed to intellectually stimulating tasks such as writing assignments on challenging topics, on -field assignments , exposure to national as well as international events / debates etc , encouragement to get skilful training for setting start - ups etc .While slow learners who need special attention are frequently given motivational counselling programs , learning opportunities through online resources , mentoring by faculty and peer tutoring , developing self - learning materials and encouraging students to visit libraries beyond classroom hours . Remedial classes and tutorials help achieve the desired objectives. Thus, sincere efforts are made by various faculties of Panjab University to bring slow learners at par with high achievers by improving their overall productivity, time management skills and stress busting activities.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://iqac.puchd.ac.in/naac-docs/c2/misc/2_2_1_remoteaccessportal.pdf

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
17618	810

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The student centric curriculum followed in Panjab University enables in developing well defined learning for the students and also covers the teaching - learning gap . Various online platforms like the Google Classroom platform, are being used extensively in the campus. Similarly, simulated experiments, field work, case study methods, lectures, seminars, workshops are among the various tools and methodologies are adopted for participative learning. Project work also provides deeper understanding of the subject by enhancing hands on experience. Innovative and entrepreneurial ideas of students to find support infrastructure such as Bionest etc. Labs, too, provide practical experience and autonomy to do research oriented work. Student representations in various committees inculcate significant traits of leadership, responsibility and team work among them. Creativity and social responsibility is fostered through extra - curricular activities such as debates, declamation contests, poster making, slogan writing, NSS, NCC, internship programmes as well as Industry visits convert knowledge into practice and increase placement opportunities for the students.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Panjab University has a fully wired and Wi- fi enabled campus which is well connected with ICT platforms and tools such as Google classroom, Zoom, Cisco Webex. These have gained immense popularity during the lockdown period and have been optimally utilised for imparting quality education. Faculty have been provided G- Suite accounts and Learning Management Systems (LMS)

have also been used for quality interactive teaching in which there is focus on sharing learning materials, course related information, quizzes and tests etc The Digital library of Panjab University has been widely accessed by students, teachers and the researchers. e - journals from international publishers such as Wiley, Pearson, Sage etc are available. The Computer Centre provides easy access for various advanced and special purpose software such as COREL DRAW, TUKA CAD, MS OFFICE and Fashion Studio. Virtual labs are used for simulation and media lab facilities have been developed to create video lectures which are uploaded on appropriate platforms. The students learn software programmes of high standards such as CASA, MATHEMATICA, SPSS for graphing and data analysis. Many of them also enroll for online courses at NPTEL, MOOCs and SWAYAM.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

810

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

810

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

618

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

12852

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

85

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms

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

45

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

1

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Panjab University has a judicious system of examination which has resulted in quality improvement both in the examination as well as evaluation system. The significant Examination Reforms introduced include Centralized Result Evaluation System , Web Portal for giving re - evaluation applications , online submission of Evaluation application form , Generation of Unique Examiner ID , online transcript verification and online semester examination for last three sessions during the Pandemic have been acknowledged by various stakeholders, including parents, students, staff, faculty. Panjab University has also successfully implemented E - Governance in Examination through NAD (National Academic Depository) which is a 24× 7 online store house of all academic awards viz . Certificates, diplomas, degrees, mark sheets etc. duly digitised and lodged by academic institutions / boards. The Panjab University has uploaded the data of approximately 31000 students on NAD. Students can also send their examination grievances through the university email ID which are redirected to the concerned dealing officials for action. Provisional DMCs are also available on PU result website which makes the examination system more effective and efficient, thereby enhancing credibility.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

B. Only student registration, Hall ticket issue & Result Processing

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The courses at PU focus on development of aptitude, skills, ability and capacity in the students to achieve excellence in employment, research, development of critical thinking, ethics, responsible citizenship, social awareness and communication skills. During the challenging times of Covid-19, the University ensured that the laid out objectives were achieved with utmost academic rigor and integrity. Students are evaluated regularly through snap tests, Mid-term tests, along with the compulsory assignments. Besides, tutorials, class room discussions and seminar papers also play an important role in assessing students and achieving the course objectives. Projects and practical work also help to assess course outcomes in some specific courses. Along with this, final theory examination for each course determines the level of attainment of course outcomes in specific and programme outcome in aggregate. Apart from the above, the practicality of the course and students' performance is also determined by Alumni Association of the Department by keeping track of the students. Along with these, a students' performance in field work/internships is evaluated to ensure the development of life-skills and employability skills. Besides, events like creative writing competitions, debates and discussions, student seminars are organized to ensure the attainment of some course outcomes. Along with that students' attitudinal changes and other affective outcomes are assessed by observing their behavior.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Covid-19 pandemic posed a challenge globally as regards attainment of programme and course outcomes. The University moved to the

Google Classroom platform and Cisco Webex to maintain academic rigor and integrity, accommodating the limitations and challenges faced by students in this on-line world.

Course outcomes are assessed using multiple strategies appropriate to various learning objectives. Theoretical gains are tested at regular intervals using snap tests, mid-semester and end-semester examination. Additionally discussions, presentations and term-paper assignments are reliable, time-tested tools for the teaching faculty to assess learning outcomes.

Many Department also have self-assessment by students. At the beginning of each lesson, expected learning outcomes are specified and in between there are self-assessment questions/ activities designed to test expected learning outcomes. As the student progress through the lesson, they assesses their learning by attempting self-assessment questions/ activities. This is most effective for self-motivation and learning.

Practical examinations/viva voce are conducted in many subjects to assess knowledge and skills. Also, performance in field work/internships is evaluated to assess the attainment of outcomes like life-skills etc. as per course outcomes. Besides, a number of events like literary and creative writing competitions, debates and discussions, student seminars are organized to ensure the attainment of some course outcomes.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

5864

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

<https://iqac.puchd.ac.in/docs/2022/20220524161905-feedbacklatestmerged.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The university has a dedicated office of the Director(R& D Cell) to deal with matters related to research like Ph.D. programs, research projects, MoUs with different research institutions, universities at both national and international levels, and different funding agencies/organizations.

To facilitate smooth and decentralized functioning, every department has a Research Advisory Committee (RAC), which has four members, including three expert nominees apart from the supervisor. The ethical standard in research is ensured through committees, like the Institutional Ethical Committee (IEC), Institutional Biosafety Committee (IBSC), and Committee for Clinical Trials.

The university has a centralized instrumental facility, i.e Sophisticated Analytical Instrumentation Facility SAIF/CIL. The primary function of SAIF/CIL is to analyze and test the research sample of the scientific community. It also imparts practical training/technical skills to the students. It collaborates with laboratory staff of different institutions and undertakes the repair of electronic instruments of neighboring institutions on demand, benefitting students and faculty.

The university has received liberal equipment grants like DST-PURSE, RUSA, and TEQIP to its two engineering institutions, and numerous CAS and DRS centers to establish state-of-the-art laboratories and infrastructural facilities, providing ample opportunities for high-impact research and development

Around 25 Panjab University science faculty figures in the most coveted list of the world ranking of top 2% Scientists from the Indian subcontinent, hallmarks of the ambient research environs and support system

Well documented research policy bears imprints on the efforts of the PU administration to ensure an excellent research support system

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

184.67520

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

25

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

370

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research
 Central Instrumentation
 Centre Animal House/Green House Museum
 Media laboratory/Studios Business Lab
 Research/Statistical Databases Moot court
 Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

451.51058

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

1580.35196

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Panjab University has embedded a culture of innovation, entrepreneurship, employability, and training under various grants received by the University (SAP/CAS, RUSA, PURSE, TEQIP, etc.) PU provides the best educational environment for learning the skills of business /entrepreneurship by working with acknowledged researchers, scientists, and creative and enterprise communities.

PU is a multidisciplinary university that abodes a vast range of Academic Departments covering sciences, Biomedical Sciences, Engineering, Humanities, and Arts and runs a variety of research programs. Management Departments (UBS, UIAMS) provide knowledge to students about market/entrepreneurship/ business. Department of Biotechnology (DBT), GOI under the Biotechnology Industry Research Assistance Council (BIRAC) program has supported PU as a member of the University Innovation Cluster (UIC) to foster a culture of applied research and need-oriented (societal or industry) innovation and techno-entrepreneurship among young researchers and support bio incubation for developing a holistic ecosystem of support.

The University has nucleated a distinctive resource and intellect-sharing initiative, Chandigarh Region Innovation and Knowledge Cluster (CRIKC) to collaborate with neighboring research institutions in both Science and social sciences, which has been applauded for its innovativeness and resource-sharing inputs

PU departments regularly conduct seminars, workshops, and conferences to enhance students' skills to get employability in various industries as well as community development and corporate social responsibility and welfare programs for the community.

A comprehensive policy to encourage innovation amongst the faculty and students has been implemented. Salient features of the innovation policy have been uploaded for wider public participation.

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

380

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

380

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

46

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following **A. All of the above**

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)

3. Plagiarism check**4. Research Advisory Committee**

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards

C. Any 2 of the above

**Commendation and monetary incentive at a University function
Commendation and medal at a University function
Certificate of honor
Announcement in the Newsletter / website**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

392

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website

during the year

2.00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

446

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For **D. Any 2 of the above**
e-PG-Pathshala For CEC (Under Graduate)
For SWAYAM For other MOOCs platform
For NPTEL/NMEICT/any other Government
Initiatives For Institutional LMS

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
Total Research Publication: 1257, Total citations: 12805, ACI: 10.19	Total Research Publications: 1225, Total Citations: 9460, ACI:7.72

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
37	32

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

'Centre for Industry Institute Partnership Programme' (CIIPP) has been set up as a separate entity as a self-sustaining centre on Strategic Business Unit concept, with a view to bridging the gap between theory and practice and with a mission to organise and promote formal, non-formal, flexible, modular, training programmes in the emerging areas of knowledge and research in Rural Development, Educational Planning, Information and Management Sciences.

The CIIPP has rendered valuable services to various Public and Private sector institutions/departments such as the Ministry of HRD Govt. of India (Navodaya Vidyalaya Samiti), Deptt. of Finance, Govt of Punjab, Deptt. of Education Govt. of Haryana, Govt of Uttaranchal (Peyjel Sansadhan Vikas Evam Nirman Nigam), Dr Reddy's Lab., Hyderabad, Ludhiana Stock Exchange Ltd, M/s Lifecare Innovations Pvt. Ltd, M/s Saibliss Drug & Pharmaceuticals, M/s Panacea Biotec Ltd. M/s Himalayan Drug Company, M/s Satluj Jal Vidyut Nigam, M/s DCM Engineering Pvt. Ltd, M/s Coca-Cola India, M/s Gujarat Ambuja Cement Ltd. etc.

Along with this, various departments in PU are recognized as

Centres of Excellence for Special Assistance Programme (SAP), Committee for Strengthening the Infrastructure of Science and Technology (COSIST), Centre of Advanced Studies (CAS) and Fund for Improvement of Science and Technology (FIST) Programmes.

Multifarious activities undertaken by CIPP can be noticed at <https://ciipp.puchd.ac.in/>

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

65.45287

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The University departments have been undertaking a number of outreach programs and extension services for the welfare of society. Apart from imparting extension lectures on health, education, gender equality, sustainable development, etc, it also celebrates days of national importance in which the larger society participates. The Center for Social Work along with the NSS unit has adopted nearby villages and has been initiating activities like a cleanliness drive both within and outside the campus, a campaign for Pulse Polio immunization, Road safety awareness, Menstrual health awareness among adolescent girls sanitary pad distribution as part of MHM (Menstrual Health Management) initiatives, etc. Responding to the needs of children of workers and laborers, initiatives have been taken to distribute books, blankets, clothes, etc. Students and faculty have been

volunteering to help needy children with their education. Regular plantation drives are undertaken to maintain a green and clean campus. Swami Vivekananda Centre has been holding regular lectures on Youth, meditation, and yoga for both students and the general public. It also holds regular yoga sessions which are open to the community. Community outreach activities of the Enactus unit of PU and the Social Welfare department have been duly acknowledged.

The University has been socially responsive during a pandemic. The Health Center was made a Covid-19 vaccination center. Further sanitizers, Ultraviolet chambers, and air purifiers were distributed. Food, medicines, masks, and clothes were made available to the needy by the PU team volunteers of faculty, staff, and students

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

653

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

46527

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

177

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

71

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

All Departments/Centres of Panjab University have adequate,

spacious, well-ventilated, and well-equipped classrooms with Internet and Wi-Fi facilities. Computer Center has established a 10 Gigabit campus-wide Network to provide high-speed connectivity to departments through the National knowledge network (NKN). Departments also have smart Classrooms with LAN/ICT facilities, Computer Labs, Seminar Halls fully equipped with overhead/ LED projectors with screens, interactive panels, Graphical tablet, internet facilities, amplifiers, sound systems, etc. Teachers frequently conduct interactive online sessions with students, special lectures, video conferences, and seminars.

Every department has a well-equipped Library with rare Books, Journals, Magazines, both National and International Reports, Periodicals, and other reading materials. In addition, faculty and students make optimum use of the well-equipped A.C. Joshi Central Library with its rich resources collection of 6,70,000, almost 660 current periodicals, Online Database, archival access to E-Journals, E-Books from Oxford, Cambridge, Sage E-books, E-Vidya Collection, E-Books from Karger, Wiley, Pearson, Springer, Thomson Reuters Proview, E-Resources from ICSSR, DELNET, Institutional Repository (Intranet). Significantly, all library operations are managed by Library Management System (SLIM21). The A.C. Joshi Library has a special facility on the ground floor for our visually impaired students, which provides PCs with the JAWS and Zoom-Ex-software.

File Description	Documents
Upload relevant supporting document	View File

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The University has excellent infrastructure for curricular, extracurricular as well as sports, providing avenues for realising the true potential of our students, faculty and staff.

Directorate of Sports of Panjab University which was set up in the year 1948 has a large air-conditioned gymnasium hall for in-door games of international standard. University has court/playground for all major sports such as Badminton court, International level Swimming pool, an all-weather swimming pool that has five lanes and stretches to 25 meters, an international standard 10-meter Shooting Range, 400 meters grassy athletic track (8 lanes), two basketball courts of international standard (with floodlights), four volleyball Courts, one hockey ground, two football grounds,

two Handball Courts, two Kho-Kho Courts, two Kabaddi Courts, three Softball grounds, two cricket grounds, Two Synthetic Lawn Tennis Courts, Eight Grassy Lawn Tennis Courts, One Cinder Lawn Tennis Court, Outdoor Boxing & Gymnastics Arena. University has its own Gym for Boys & Girls, Weight lifting hall, Judo Hall, Wrestling Hall and two Multipurpose Halls for indoor games such as Table Tennis, Carom Board, and Chess.

For the last three years, the University has won the prestigious MAKA trophy, awarded to the best all-round university in Sports.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

University campus is a self-contained, it has its own Shopping Centre, Health Centre, Banks, Post office, Swimming Pool, Gymnasium, Sports Grounds, Botanical Gardens, Herbal and Rose Gardens, well-maintained parks, Open Air Theatre, Guest Houses, Faculty House, Seminar Complexes, Alumni House, Community Centre and a higher secondary school. There are twenty residence hostels for students on the campus, eight (8) for boys, ten (10) for girls, one working women hostel and an international hostel. These Hostels are accommodating approximately 7000 students. In addition to these, two sports hostels (one for girls and one for boys) with a dining hall, canteen, several deserts and water coolers, a visitors' lounge, and invariably an outdoor court for badminton, volleyball, a provision for indoor games, LED TV, internet connectivity through wi-fi facilities available.

Bhai Ghanaiya Ji Health Centre is a fully equipped modern clinical laboratory, with the latest computerized ECG machine, and a fully computerized digital 500m mammographic compatible CR unit x-ray machine. The health centre provides general and specialist medical consultations to more than 30,000 (employees and their dependents, researchers and students). Around-the-clock emergency service along with a 24X7 ambulance is available. Health check-up camps and Blood donation camps are held at regular intervals.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

3198.1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

PU Library is fully computerized with an integrated system connected to the campus network. The Library houses approx. 8 lac volumes, which include books, bound volumes of journals, theses/dissertations, rare books, reports, government documents, back files of newspapers and a prized collection of 1492 manuscripts. The Library has in-house database of e-resources, books, journals, (Online and Print)e-books, thesis and other reading materials. These resources can be accessed through the Library website. (<http://library.puchd.ac.in>).

The process of computerization is through TECHLIB plus integrated library management software. Salient features of PU library include:

1. The Library has fully implemented RFID Technology along with new Integrated Library Management Software (SLIM21) to facilitate efficient issue/return of books including auto issue/return, better stacks management, inventory control and an improved security system for books in the Library.
2. There is a Drop Box facility at the entrance of the Library to facilitate the clock return of books.
3. PU Library provides Online Membership and SMS alerts for the user's account.
4. Wi-Fi System has been installed in the Library to access online journals and databases on the laptops.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

591.00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

225

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

207

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

IT Policy

The salient feature of the PU IT policy is to provide technical and computing support for the researchers, students and faculty for enhancing their academic and research productivity. Users of Panjab University Chandigarh computing, networking and IT facilities are expected to abide by the well-drafted rules, which are intended to preserve the utility and flexibility of the system, protect the privacy and work of students and faculty, and preserve our right to access the international networks to which the system is connected.

The whole academic area is Wi-Fi enabled and the faculty and students are offered free unlimited access to academic material within the academic area, along with technical support.

The IT policy is fully operational and has ensured a support system and has been duly approved by the syndicate (Nov 19, 2011) and is available on the official website of Panjab University. It can be accessed from the following link.

<https://puchd.ac.in/includes/documents/pu-it-policy-2011.pdf>

Budgetary Provisions

The budgetary provisions and utilization is available on the official website of Panjab University and can be accessed from the following links.

<https://puchd.ac.in/important-documents.php>

<https://puchd.ac.in/includes/documents/2021/budget2021-22.pdf>

<https://puchd.ac.in/includes/documents/2020/budget2020-21.pdf>

<https://puchd.ac.in/includes/documents/2019/budget19.pdf>

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
17618	2144

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

- D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

6431.42 lac

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The university has spacious, well-ventilated and equipped classrooms with internet and Wi-Fi facilities. There are smart classrooms with LAN/ICT facilities, computer labs, seminar halls equipped with overhead/ LED projectors with screens, amplifiers, sound systems etc.

The University has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities. For example, a need-based assessment is undertaken at the beginning of every academic year for replacement / up-gradation /addition of the existing infrastructure There is a distinct construction office, Glass Blowing Lab, Mechanical

workshops, and AMCss for the maintenance of both infrastructure and instruments. There are laboratory safety showers, eyewash stations, and fire extinguishers to provide protective measures to minimize casualties. General instructions are displayed in each lab regarding safe usage while in the laboratory.

The library operations are managed by Library Management System (SLIM21). The A.C. Joshi Library(Main Library) has a special facility for visually impaired students -PCs with JAWS, Zoom-Ex- software, Horizon A3 Scanner, Lex Software etc.

The maintenance of sports ground and sports equipment are undertaken by a sports committee. Overall maintenance of campus IT infrastructure is maintained by the computer centre of the university.

<https://puchd.ac.in/includes/documents/pu-it-policy-2011.pdf>

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

1969

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

14348

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

309

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

1436

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

688

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

55

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Punjab University Student Council(PUCSC) is a proactive student body, duly elected under the guidelines of Lyngdoh Committee for student elections every year. The Student Executive Council is centrally located in Student Centre with its own office. It works

closely with the Department Representatives , also elected along with Council. The Student council plays important role in guiding the new students in the admission process while setting various Help Desk in the Panjab University. Student Council also plays a significant role as bridge between the administration of the Panjab university and students. Student Council acts as a watchdog in the Hostel management and mess and canteens.

PUCSC also plays an important role in ensuring the equality and dignity of all students in the campus and thus are given space in Panjab University Committee Against SexualHarassment (PU CASH), SC/ST Cell and Disability Cell. Student nominees are also mandated in various scholarship and related committee which are constituted for the welfare of the students.

PUCSC is a socially sensitive entity and thus plays a significant role in spreading he social awareness through awareness campaign, screening of movies and field trips. Every year, Student Council organises two major cultural events namely Agaaz and Jhankar providing platform to hundreds of students to showcase their talents. Such event to create string social bonding overcoming the compartmentalization of disciplines, degrees and specialisation. Religious trips are also undertaken.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

101

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

Panjab University Alumni Association (PUAA), constituted in 1969 (registered in 1972) contributes significantly to the development of the institution through financial and academic support besides

providing student mentorship. PUAAs has four overseas chapters besides alumni associations at departmental levels. Efforts are afoot to open chapters in Delhi, Mumbai, Hyderabad and Bangalore. The association has executive council constituted by 30 members and a full-fledged office in Alumni Guest House on PU Campus. PUAAs has a comprehensive website integrated with all social platforms and mobile application for easy access. The global alumni meet organised in January 2021 received tremendous accolades.

The association contributes a significant amount to the exchequer of the university through interest generated by the endowment funds, funds for memorial lectures and donations by the alumni members. Besides, the members also contribute liberally for the renovation of buildings, seminar halls, sectional libraries and laboratories. PUAAs runs a talent shop that offers customised gifts crafted by student's start-ups, thus promoting them. A robust Research Promotion Fund contributed by alumni corpus helps faculty with seed grants for research. Initiatives like Global alumni meets, batch reunions, alumni lecture series, wellness series, celebrations of important days involving illustrious alumni, recognising and rejoicing the achievements of alumni has provided a renewed vigour to the organisation apart from instilling a feeling of bonhomie.

Multifarious activities undertaken by the Alumni Relations office can be viewed at <https://www.alumnipuchd.org/>

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Panjab University envisions being a premier world-class

institution, developing and disseminating transformative knowledge “to create future intellectuals, leaders and innovators”. It seeks to address societal needs and challenges, provide equal access and treatment and a safe environment free of discrimination and inequity. Its mission thus includes offering teaching programmes in line with national and global priorities. Research collaborations - across disciplines, intra/inter-institutional, national and international - are the cornerstone of this structure. Transparency, efficiency, accountability in administration; decentralization and autonomy of Departments are keys to good governance.

The Panjab University Calendar comprehensively prescribes the governance structure of the University and the rules and regulations for all aspects of its functioning. The Senate, a democratic body comprising of elected and nominated members representing all stakeholders, governs the University. This meets quarterly; its annually elected Syndicate meets monthly. The Vice Chancellor acts on behalf of and in consultation with these. The Dean University Instruction (DUI) is the Academic Head and the Registrar heads the Administration.

The apex academic body is the Academic Council. Every Academic Faculty has an elected Dean. The Dean College Development Council (DCDC) oversees the affiliated colleges. The Controller of Examinations (COE) oversees the mammoth examination machinery. The Finance and Development Officer (FDO) is a qualified Chartered Accountant.

Dean Alumni Relations and Dean International Students liaise with the rich alumni base of the University and the international students. The residential, social and cultural needs of the students are looked after by the Dean Student Welfare.

File Description	Documents
Upload relevant supporting document	View File

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The Panjab University Senate, its governing body, has 46 elected members representing all stakeholders of the University including teachers of the University and its affiliated colleges, college principals, academic faculties, registered graduates and civil society.

All academic decisions are initiated at individual departments where the various committees (academic, administrative and technical) include faculty members at all rungs of seniority. An elected Board of Studies (BOS) recommends curriculum to its Academic Faculty. Academic Faculties headed by elected Deans and constituted by Professors, Chairpersons and elected members deliberate these and recommend to the apex Academic body, the Academic Council.

Administrative decisions are taken by a number of committees comprising faculty members from the University as well as affiliated colleges. These include the Regulation Committee, the Affiliation Committee and the Board of Finance.

Student participation is ensured through an elected Student Council as per the norms of Lyngdoh Committee. Students are involved in the framing and revision of the Syllabi and their representative is allowed to witness Senate Meetings. Students are included in the Grievance Cell, Placement Cell, Committee against Sexual Harassment and Committee for prevention of Ragging. The University thus includes all stakeholders at the decision making as well as execution levels.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The Institutional Strategic Plan embodies the Vision and Mission of the University the establishment and consolidation of the University's position as a premier world class institution in the field of Higher Education.

Challenges thrown up by testing times come with opportunities to take a leap forward and touch new frontiers of accomplishment. The period of COVID-19 proved to be one such phase: a period when the University had to shift to an online mode of functioning in the areas of teaching, research, knowledge dissemination and extension activities.

Conducting research during COVID-19 times proved to be as much of a challenge as a necessity. To ensure uninterrupted research activity, Panjab University provided its teachers, research

scholars and students off-campus access to all its e-resources. The e-library of Panjab University powered by Knimbus was launched on May 7th, 2021.

The Knimbus platform is a digital library providing all library services through a single platform. The embedded Remote Access feature of Knimbus makes all resource links and remote access pages work seamlessly whether the user is on campus or elsewhere. Training workshops were conducted to familiarise researchers with this facility.

The provision of e-library services has improved the research output of Panjab University, visible in the sustained quantum as well as quality of publications.

File Description	Documents
Upload relevant supporting document	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institutional bodies of Panjab University ranging from the Senate and Syndicate to its Academic Council, Faculties, Departments, Institutes and Centers, and its administrative organs including the verticals of Examination, Finance, Establishment, General Administration and College Branch are all functioning as per the rules and regulations laid down in the Calendar of Panjab University. The Calendar is amended as and when required with the approval of the Ministry of Human Resource Development.

All established procedures, as laid down in the founding statutes of the University, are adhered to in letter and spirit. The procedures for appointment and promotion of the teaching faculty are adopted from notifications and amendments received from time to time from the University Grants Commission. The same are routinely circulated among the faculty and duly displayed on the website of the Dean University Instruction as well as Director Research and Development.

Every effort is made that both the teaching and administrative staff receive their due benefits in terms of transparent selection procedures and timely promotions. In the year (2020-21) more than a hundred teachers were promoted under Career Advancement Scheme despite the challenging situation that had developed in the wake of COVID-19.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation **A. All of the above**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Creating a positive and enabling environment for professional growth of both teaching and non-teaching employees, is the guiding principle of the university administration.

The teaching faculty is governed by the regulations and notifications issued by the UGC/MHRD. The UGC Career Advancement Scheme is the basis of their periodic performance appraisal as well as promotions. The University strictly adheres to such parameters. Another method of appraising teachers' performance is through feedback from students. The PBAS laid down by the UGC/MHRD has been adapted to represent the specifics and standards of the Panjab University system. The University's effort is to facilitate career and professional growth of its faculty and keep them motivated. It also supports career growth of teachers by providing them financial assistance to purchase books, attend seminars/conferences both in India and abroad. This financial assistance is allocated through a duly constituted committee comprising of the teaching faculty.

For the non-teaching staff, performance appraisal is done through a transparent ACR system. Their promotions are based on clear

rules and regulations of the University, through duly constituted committees of the university. The grievances of the staff are also addressed through such medium.

Welfare measures such as medical aid and reimbursement, leave of the kind due, on-campus residential accommodation, gratuity and retirement benefits are disbursed in a transparent and efficient manner for all staff.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

122

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

40

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

199

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

University has well-structured institutional mechanism to monitor effective and efficient use of Financial resources. As per section 31(2)(r) of Panjab University Act, 1947, university has constituted a Board of Finance that periodically reviews financial requirement of University and suggests ways and means for improvement and makes recommendations to Syndicate relating to University finances.

Measures followed for effective and efficient use of financial resources:

1. All financial activities are planned by translating these requirements in annual budget incorporating therein recurring and non-recurring expenditure and income expected to be generated from internal resources. Board of Finance considers these budgetary requirements and makes recommendations for its approval by Syndicate and Senate.
2. For day-to-day financial transactions, University has prepared its Accounts Manual which provides rules for making various expenditures to ensure transparency, efficiency and fair procedure.

Measures for internal resources mobilization:

1. University has setup a Centre for Industry Institute Partnership Cell (CIIP) which gives a platform to University faculty members not only to interact with industry by providing various kinds of consultancy services but also to help supplement resource generation of the University.
2. University has been conducting examination for various government institutions including recruitment tests which helps it to mobilize extra resources.
3. University through its strong alumni base, has been able to receive donations and contribution for creation of endowments and specific projects.
4. University has been registered with Ministry of Corporate Affairs as an eligible entity to carrying out CSR Projects.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

1037.11418 Lakh

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

90 lakh

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

The University has a strong mechanism of two tier independent and external audit as explained as below:

1. Concurrent audit by resident audit team of Local Audit Department of U.T. Chandigarh, wherein each bill before it is paid is pre-audited by independent resident Government Auditor i.e. Assistant Controller Local Audit (ACLA) deputed by the Finance Department, U.T. Administration Chandigarh. No payment is drawn from the University Accounts unless the Audit Officer appointed in this behalf records pre-audit enforcement on the relevant bill. The Utilization Certificates are also certified by the Examiner, Local Funds Accounts or the Audit Officer empowered by him in this behalf in respect of grants-in-aid received from the funding sponsoring authorities. Therefore, any objection on the payment gets settled before the release of the payment itself. The Audit and Inspection Reports of the Examiner, Local Fund Accounts, U.T. Chandigarh shall be given close and prompt attention at all stages.

2. Besides above, the financial statement and books of accounts of the University are being audited on annual basis by CAG through the office of Director General of Audit (Central), Chandigarh. The

audited financial statements and reports of audit are submitted before the statutory body of the University namely Board of Finance(BOF). The status of settled and pending audit paras are submitted to governing bodies of the University on periodic basis.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

IQAC, constituted in the University under the Chairmanship of the Vice Chancellor, functions as a nodal agency of the University for quality-related Issues, with a clear mandate to develop measures for quality sustenance and enhancement. The cardinal principles of IQAC cell are to promote quality consciousness among all the stakeholders. The following are the two examples of practices institutionalized as a result of IQAC initiatives:

1. Use and enrichment of ICT infrastructure for teaching-learning-administrative processes:

The IQAC was instrumental towards the successful implementation of modern technology in the University's administrative functioning through ICT. IQAC has developed Panjab University Information Resource Portal (IRP), which is an innovative way to collect and organize Information from 78 teaching departments. This portal helps IQAC to collect, organize and submit information to NIRF-MHRD, NAAC, AISHE-MHRD, Times-Higher Education, QS World Rankings etc.in timely and efficient manner. Automation of admission, financial and examination processes, upgradation of Wi-Fi and LAN facilities, have significantly contributed to an enhanced quality of teaching-learning experience.

2. Implementation of Sound Feedback System

The IQAC collects the feedback of various stakeholders (Students, Teachers, Alumni, Employers and Parents) to assess student learning outcomes and the performance of the teachers. The feedback received is scrutinized, analyzed and utilized for quality enhancement and improvement in various aspects such as curriculum enrichment, infrastructural facilities, augmentation of

research facilities which result in student progression and quality research.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

1. Adoption of Choice Based Credit System (CBCS) in all Science departments on the Campus

2. Facilitating preparation of templates for capturing Annual Feedback from various stakeholders (Students, Teachers, Alumni, Employers and Parents)

3. Entering into Memorandum of Understanding with several International and National Institutions for academic, research and technical and cultural exchange programmes.

4. Focusing on bringing ICT in its academic and administrative functioning after the accreditation in its third cycle in 2015. Its first initiative was the introduction and implementation of ICT based University Management System for all the students and

faculty and second was introduction of Panjab University Information Resource Portal (IRB), which is an innovative way to collect and organize Information from 78 teaching Departments.

5. Encouraging and ensuring continual reforms in teaching-learning methodologies by laying impetus on the adoption of ICT and participatory learning in teaching practices.

6. For Honours School and Engineering courses, under which, the answer books after examination are retained in the Department concerned for evaluation by the internal teachers and the answer books are shown to the students after evaluation. The awards are finalized after sorting out/removing the query/doubt of students, if any, regarding evaluation. With this system, the checking of answer-books and reevaluation of answer books are no longer required resulting into saving the time and providing much required transparency in evaluation.

File Description	Documents
Upload relevant supporting document	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

1. Curricular Activities:

- A large number of programs/ courses are run by the University focusing wholly or partially on promoting gender equity and sensitization.
- The Dept-cum-Centre for Women's Studies is wholly focused on promoting gender equity and sensitization, while those of Centre for Human Rights and Duties and Centre for Social Work have approximately 50 per cent of the social sciences programs focused on this theme.
- Other Departments, such as Political Science, History, Sociology, English and so on have one to two papers specific to the theme.
- In addition, a compulsory paper has been introduced at the undergraduate level on Domestic Violence and Child Abuse;

2. Co-curricular Activities:

- Each Department of the University organises a large number

of seminars/ workshops/ symposia/special lectures on the theme of gender equity and sensitisation. (List attached)

- Training Programmes are organised with gender equity and sensitization as the central focus. The Faculty Development Programmes and Refresher Courses organised by HRDC Centre and ICSSR have a component on gender equity.

3. Extra-Curricular Activities:

- Within the Campus: Debates, Poster making competition, etc
- Outside the Campus: Gender equity and sensitisation within the campus would have no value without a similar effort outside the ivory towers of the University. Panjab University has a dedicated Department - the Department - cum-Centre for Women's Studies and Development which has gender sensitisation as one of its major objectives. This Department since its inception has been conducting numerous gender sensitisation programmes at various levels. (List attached)

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	https://iqac.puchd.ac.in/docs/2022/20220627170043-annualgendersensitisationactionplan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://iqac.puchd.ac.in/naac-docs/c7/gender/7.1.1_specific_facilities.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy conservation plant Wheeling to the Grid energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Panjab University has assiduously adhered to the Swachhta Abhiyaan initiated by the Government of India. Being a residential campus, the nature of waste generated includes domestic as well as biomedical, e-waste and hazardous chemical and radioactive waste.

Solid waste is collected by e-loaders from blue as well as green dustbins located all over the campus. The big houses in the campus are encouraged to develop compost pits wherein organic garbage may be converted into manure. A biogas facility has also been installed in one of the University hostels.

An efficient underground sewage system connected to the city's sewage system takes care of liquid waste as well as storm water. Rain water harvesting structures have also been erected.

Biomedical waste consisting of gloves, syringes, animal carcasses etc. is stored separately till it is collected in yellow bags and transported to the city level incinerator at PGI. Sanitary pad incinerators have been installed in girls hostels with the help of funds available under CSR.

Radioactive waste management is done as per AERB guidelines. Short-lived radioactive waste is managed by delay and decay technique wherein solid and liquid waste is separately stored under controlled conditions until it has decayed to permissible limits.

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

D. Any 1 of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and

A. Any 4 or all of the above

facilities for persons with disabilities:
accessible website, screen-reading software, mechanized equipment, etc.
Provision for enquiry and information:
Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

Panjab University is home to students from all parts of India and several parts of the world as well. Students particularly hailing from the border states of Jammu and Kashmir, Ladakh, Manipur, Mizoram, Nagaland, Uttarakhand and Himachal Pradesh access this University for attaining higher education. All these students seek and are to a large extent provided hostel facility.

Panjab University Hostels are thus microcosms of the entire country and students here dwell and develop in complete harmony with each other. A variety of festivals and cultural events are celebrated in the University especially the hostels. The University observed the 550th birth anniversary of Guru Nanak Dev at the central as well as departmental level. The 300th birth anniversary of Guru Teg Bahadur is currently being observed.

In addition to these festivals such as Diwali, Holi, Christmas are all celebrated with complete bonhomie. The University organises a large scale fair on Dusshera which is celebrated by students, teachers and supporting staff alike. The campus has a Gurdwara and a temple as well.

The University has cells to watch out against any kind of discrimination on the basis of gender, caste and physical ability. Efforts have been made to make the campus disabled friendly. Special washrooms have been constructed to ensure the dignity and privacy of the trans-genders.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Panjab University is dedicated to the production of responsible citizens in the form of its alumni who are imbued with such values which are required of sentient and discerning individuals who are conscious of both their rights and duties.

To this, the fundamental duties of all citizens of India have been prominently displayed in all hostels so that students are sensitised to these. In addition to this, the University observes all such days which play a role in instilling the right values in the students. These include the observing and celebrating of days such as the Republic Day, the Independence Day, Ambedkar Jayanti, the Constitution Day, Vigilance Week, Earth Day, Women's Day etc. These events are celebrated both in the Teaching Departments, Administrative Departments and the Hostels. These events may be observed through the conduct of awareness workshops, cycle rallies, seminars and gender sensitisation workshops.

The University also has dedicated NCC and NSS wings wherein students are encouraged to participate and play a positive role in contributing both towards the nation and the society. Students from the University are regularly selected to participate in the Republic Day Parade. A student from the Department of Zoology was awarded as Best Cadet in the last Republic Day Parade.

<https://iqac.puchd.ac.in/naac-docs/c7/environment/7.1.9-Supporting-Documents.pdf>

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The departments and Centres of Panjab University routinely celebrated various national and international commemorative days, events and festivals during the year 2020-21. These included the Republic day and Independence day (which are celebrated at the University level by unfurling and hoisting the National Flag respectively), Gandhi Jayanti and Martyrdom Day which are specially celebrated and co-ordinated by the Department of Gandhian Studies. An international online seminar was held on the event of Martyrdom Day of Mahatma Gandhi wherein eminent scholars from three different countries participated. The event was webcast live for the benefit of students. Vigilance Awareness Week and Constitution day are celebrated by the whole University though the event is co-ordinated by the Department of Laws and UILS. World Environment day, International Yoga day are other days celebrated with the objective of sensitizing teachers, staff and students to constitutional obligations: values, rights, duties and responsibilities of citizens.

Vigilance Awareness week was observed in Panjab University, Chandigarh from 27th October to 2nd November, 2020. The commencement of the week started by taking Integrity Pledge by the Faculty, non-teaching staff, research scholars and students administered by the Chairperson/ Head of the Department. To commemorate birth anniversary of Sardar Vallabhbhai Patel, Sadbhawna divas is observed by taking national unity pledge by various teaching and non-teaching departments. Apart from this, University also celebrates Dr. Ambedkar Jayanti, Earth day, Diwali, Lohri, Hindi Diwas, Mother Tongue Day etc.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The University offers different programmes leading to degrees at bachelors, master's and Ph.D. under its Eleven Faculties in various fields. The curricula are designed in a way that they support the overall development of students with leadership qualities making them highly competitive and professional both at national and international level. With advanced theoretical knowledge, each student gets full hand-on-training for skill development through professional guidance, experiential learning with field trips, projects and value-added experiments in both dry and wet labs, as per the discipline. The syllabi are further aligned with the ever growing local/regional/national/global professional and societal needs as is evident from the high scale of (i) employability, (ii) entrepreneurship, (iii) higher studies at both international and highly ranked national institutes/central laboratories. The input through student feedback system further forms an essential and healthy component in the curricular design and development process.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

103

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

3101

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year**

620

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

In order to integrate cutting edge policy, curricula across the board is revamped annually. All courses are so designed to impart ethical orientation. Foundation courses include those on environmental protection and sustainability. The students, teachers and the staff are sensitized to the human values and ethical dimensions through organization of workshops and commemorative events. The various stakeholders are involved through institutional committees to ensure consistent,

equitable and equal actions in all fields. The Ethics Review Committee meets regularly in order to review research proposed and in progress. There is no glass ceiling anywhere in the institution in terms of gender. Gender fluidity is respected; this institution is among the first few to provide dedicated transgender washrooms. Regular tutorials and mentorship ensure the maintenance of human values among students. Most of the university events are marked by some sustainable act such as tree plantation, the dissemination of water conservation consciousness or a brief clean-up operation of the surroundings or gifting of plant saplings. Science courses such as Chemistry carry a component on Green Chemistry. Humanities courses such as English and Cultural Studies carry a component on Eco-criticism.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

87

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

3962

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

4590

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

10380

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1876

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

PU aims at ensuring its educational processes are as per the needs and aspirations of its learners. Its educational processes are as per the needs and aspirations of its learners. The teaching learning pedagogies are reoriented for advanced and slow learners so as to ensure a meaningful and purposeful educational process. Panjab University has adopted various pedagogical skills to improve the learning outcomes of specific categories of students such as those who are advanced learners and those who are slow learners. Advanced learners are exposed to intellectually stimulating tasks such as writing assignments on challenging topics, on -field assignments , exposure to national as well as international events / debates etc , encouragement to get skilful training for setting start - ups etc .While slow learners who need special attention are frequently given motivational counselling programs , learning opportunities through online resources , mentoring by faculty and peer tutoring , developing self - learning materials and encouraging students to visit libraries beyond classroom hours . Remedial classes and tutorials help achieve the desired objectives. Thus, sincere efforts are made by various faculties of Panjab University to bring slow learners at par with high achievers by improving their overall productivity, time management skills and stress busting activities.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://iqac.puchd.ac.in/naac-docs/c2/mis/c/2_2_1_remoteaccessportal.pdf

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
17618	810

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The student centric curriculum followed in Panjab University enables in developing well defined learning for the students and also covers the teaching - learning gap . Various online platforms like the Google Classroom platform, are being used extensively in the campus. Similarly, simulated experiments, field work, case study methods, lectures, seminars, workshops are among the various tools and methodologies are adopted for participative learning. Project work also provides deeper understanding of the subject by enhancing hands on experience. Innovative and entrepreneurial ideas of students to find support infrastructure such as Bionest etc. Labs, too, provide practical experience and autonomy to do research oriented work. Student representations in various committees inculcate significant traits of leadership, responsibility and team work among them. Creativity and social responsibility is fostered through extra - curricular activities such as debates, declamation contests, poster making, slogan writing, NSS, NCC, internship programmes as well as Industry visits convert knowledge into practice and increase placement opportunities for the students.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Panjab University has a fully wired and Wi- fi enabled campus which is well connected with ICT platforms and tools such as Google classroom, Zoom, Cisco Webex. These have gained immense popularity during the lockdown period and have been optimally utilised for imparting quality education. Faculty have been

provided G- Suite accounts and Learning Management Systems (LMS) have also been used for quality interactive teaching in which there is focus on sharing learning materials, course related information, quizzes and tests etc The Digital library of Panjab University has been widely accessed by students, teachers and the researchers. e - journals from international publishers such as Wiley, Pearson, Sage etc are available. The Computer Centre provides easy access for various advanced and special purpose software such as COREL DRAW, TUKA CAD, MS OFFICE and Fashion Studio. Virtual labs are used for simulation and media lab facilities have been developed to create video lectures which are uploaded on appropriate platforms. The students learn software programmes of high standards such as CASA, MATHEMATICA, SPSS for graphing and data analysis. Many of them also enroll for online courses at NPTEL, MOOCs and SWAYAM.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

810

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

810

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

618

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

12852

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

85

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms

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

45

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

1

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Panjab University has a judicious system of examination which has resulted in quality improvement both in the examination as well as evaluation system. The significant Examination Reforms introduced include Centralized Result Evaluation System , Web Portal for giving re - evaluation applications , online submission of Evaluation application form , Generation of Unique Examiner ID , online transcript verification and online semester examination for last three sessions during the Pandemic have been acknowledged by various stakeholders, including parents, students, staff, faculty. Panjab University has also successfully implemented E - Governance in Examination through NAD (National Academic Depository) which is a 24× 7 online store house of all academic awards viz . Certificates, diplomas, degrees, mark sheets etc. duly digitised and lodged by academic institutions / boards. The Panjab University has uploaded the data of approximately 31000 students on NAD. Students can also send their examination grievances through the university email ID which are redirected to the concerned dealing officials for action. Provisional DMCs are also available on PU result website which makes the examination system more effective and efficient, thereby enhancing credibility.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

B. Only student registration, Hall ticket issue & Result Processing

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The courses at PU focus on development of aptitude, skills, ability and capacity in the students to achieve excellence in employment, research, development of critical thinking, ethics, responsible citizenship, social awareness and communication skills. During the challenging times of Covid-19, the University ensured that the laid out objectives were achieved with utmost academic rigor and integrity. Students are evaluated regularly through snap tests, Mid-term tests, along with the compulsory assignments. Besides, tutorials, class room discussions and seminar papers also play an important role in assessing students and achieving the course objectives. Projects and practical work also help to assess course outcomes in some specific courses. Along with this, final theory examination for each course determines the level of attainment of course outcomes in specific and programme outcome in aggregate. Apart from the above, the practicality of the course and students' performance is also determined by Alumni Association of the Department by keeping track of the students. Along with these, a students' performance in field work/internships is evaluated to ensure the development of life-skills and employability skills. Besides, events like creative writing competitions, debates and discussions, student seminars are organized to ensure the attainment of some course outcomes. Along with that students' attitudinal changes and other affective outcomes are assessed by observing their behavior.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Covid-19 pandemic posed a challenge globally as regards

attainment of programme and course outcomes. The University moved to the Google Classroom platform and Cisco Webex to maintain academic rigor and integrity, accommodating the limitations and challenges faced by students in this on-line world.

Course outcomes are assessed using multiple strategies appropriate to various learning objectives. Theoretical gains are tested at regular intervals using snap tests, mid-semester and end-semester examination. Additionally discussions, presentations and term-paper assignments are reliable, time-tested tools for the teaching faculty to assess learning outcomes.

Many Department also have self-assessment by students. At the beginning of each lesson, expected learning outcomes are specified and in between there are self-assessment questions/ activities designed to test expected learning outcomes. As the student progress through the lesson, they assesses their learning by attempting self-assessment questions/ activities. This is most effective for self-motivation and learning.

Practical examinations/viva voce are conducted in many subjects to assess knowledge and skills. Also, performance in field work/internships is evaluated to assess the attainment of outcomes like life-skills etc. as per course outcomes. Besides, a number of events like literary and creative writing competitions, debates and discussions, student seminars are organized to ensure the attainment of some course outcomes.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

5864

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

<https://iqac.puchd.ac.in/docs/2022/20220524161905-feedbacklatesmerged.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The university has a dedicated office of the Director(R& D Cell) to deal with matters related to research like Ph.D. programs, research projects, MoUs with different research institutions, universities at both national and international levels, and different funding agencies/organizations.

To facilitate smooth and decentralized functioning, every department has a Research Advisory Committee (RAC), which has four members, including three expert nominees apart from the supervisor. The ethical standard in research is ensured through committees, like the Institutional Ethical Committee (IEC), Institutional Biosafety Committee (IBSC), and Committee for Clinical Trials.

The university has a centralized instrumental facility, i.e. Sophisticated Analytical Instrumentation Facility SAIF/CIL. The primary function of SAIF/CIL is to analyze and test the research sample of the scientific community. It also imparts practical training/technical skills to the students. It collaborates with laboratory staff of different institutions and undertakes the repair of electronic instruments of neighboring institutions on demand, benefitting students and faculty.

The university has received liberal equipment grants like DST-PURSE, RUSA, and TEQIP to its two engineering institutions, and numerous CAS and DRS centers to establish state-of-the-art laboratories and infrastructural facilities, providing ample opportunities for high-impact research and development

Around 25 Panjab University science faculty figures in the most coveted list of the world ranking of top 2% Scientists from the

Indian subcontinent, hallmarks of the ambient research environs and support system

Well documented research policy bears imprints on the efforts of the PU administration to ensure an excellent research support system

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

184.67520

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

25

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

370

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal

A. Any 4 or more of the above

**House/Green House Museum Media
laboratory/Studios Business Lab
Research/Statistical Databases Moot court
Theatre Art Gallery**

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

451.51058

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

1580.35196

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

1	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.3 - Innovation Ecosystem	
3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge	
<p>Panjab University has embedded a culture of innovation, entrepreneurship, employability, and training under various grants received by the University (SAP/CAS, RUSA, PURSE, TEQIP, etc.) PU provides the best educational environment for learning the skills of business /entrepreneurship by working with acknowledged researchers, scientists, and creative and enterprise communities.</p> <p>PU is a multidisciplinary university that abodes a vast range of Academic Departments covering sciences, Biomedical Sciences, Engineering, Humanities, and Arts and runs a variety of research programs. Management Departments (UBS, UIAMS) provide knowledge to students about market/entrepreneurship/ business. Department of Biotechnology (DBT), GOI under the Biotechnology Industry Research Assistance Council (BIRAC) program has supported PU as a member of the University Innovation Cluster (UIC) to foster a culture of applied research and need-oriented (societal or industry) innovation and techno-entrepreneurship among young researchers and support bio incubation for developing a holistic ecosystem of support.</p> <p>The University has nucleated a distinctive resource and intellect-sharing initiative, Chandigarh Region Innovation and Knowledge Cluster (CRIKC) to collaborate with neighboring research institutions in both Science and social sciences, which has been applauded for its innovativeness and resource-sharing inputs</p> <p>PU departments regularly conduct seminars, workshops, and conferences to enhance students' skills to get employability in various industries as well as community development and corporate social responsibility and welfare programs for the community.</p>	

A comprehensive policy to encourage innovation amongst the faculty and students has been implemented. Salient features of the innovation policy have been uploaded for wider public participation.

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

380

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

380

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

46

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

A. All of the above

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
- 3. Plagiarism check**
- 4. Research Advisory Committee**

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

C. Any 2 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

392

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

2.00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

446

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

D. Any 2 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
Total Research Publication: 1257, Total citations: 12805, ACI: 10.19	Total Research Publications: 1225, Total Citations: 9460, ACI:7.72

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
37	32

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

'Centre for Industry Institute Partnership Programme' (CIIPP) has been set up as a separate entity as a self-sustaining centre on Strategic Business Unit concept, with a view to bridging the gap between theory and practice and with a mission to organise and promote formal, non-formal, flexible, modular, training programmes in the emerging areas of knowledge and research in Rural Development, Educational Planning, Information and Management Sciences.

The CIIPP has rendered valuable services to various Public and Private sector institutions/departments such as the Ministry of HRD Govt. of India (Navodaya Vidyalaya Samiti), Deptt. of Finance, Govt of Punjab, Deptt. of Education Govt. of Haryana, Govt of Uttaranchal (Peyjel Sansadhan Vikas Evam Nirman Nigam),

Dr Reddy's Lab., Hyderabad, Ludhiana Stock Exchange Ltd, M/s Lifecare Innovations Pvt. Ltd, M/s Saibliss Drug & Pharmaceuticals, M/s Panacea Biotec Ltd. M/s Himalayan Drug Company, M/s Satluj Jal Vidyut Nigam, M/s DCM Engineering Pvt. Ltd, M/s Coca-Cola India, M/s Gujarat Ambuja Cement Ltd. etc.

Along with this, various departments in PU are recognized as Centres of Excellence for Special Assistance Programme (SAP), Committee for Strengthening the Infrastructure of Science and Technology (COSIST), Centre of Advanced Studies (CAS) and Fund for Improvement of Science and Technology (FIST) Programmes.

Multifarious activities undertaken by CIPP can be noticed at <https://ciipp.puchd.ac.in/>

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

65.45287

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The University departments have been undertaking a number of outreach programs and extension services for the welfare of society. Apart from imparting extension lectures on health, education, gender equality, sustainable development, etc, it also celebrates days of national importance in which the larger society participates. The Center for Social Work along with the NSS unit has adopted nearby villages and has been initiating

activities like a cleanliness drive both within and outside the campus, a campaign for Pulse Polio immunization, Road safety awareness, Menstrual health awareness among adolescent girls sanitary pad distribution as part of MHM (Menstrual Health Management) initiatives, etc. Responding to the needs of children of workers and laborers, initiatives have been taken to distribute books, blankets, clothes, etc. Students and faculty have been volunteering to help needy children with their education. Regular plantation drives are undertaken to maintain a green and clean campus. Swami Vivekananda Centre has been holding regular lectures on Youth, meditation, and yoga for both students and the general public. It also holds regular yoga sessions which are open to the community. Community outreach activities of the Enactus unit of PU and the Social Welfare department have been duly acknowledged.

The University has been socially responsive during a pandemic. The Health Center was made a Covid-19 vaccination center. Further sanitizers, Ultraviolet chambers, and air purifiers were distributed. Food, medicines, masks, and clothes were made available to the needy by the PU team volunteers of faculty, staff, and students

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

653	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year	
46527	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.7 - Collaboration	
3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year	
3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year	
177	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year	
71	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

All Departments/Centres of Panjab University have adequate, spacious, well-ventilated, and well-equipped classrooms with Internet and Wi-Fi facilities. Computer Center has established a 10 Gigabit campus-wide Network to provide high-speed connectivity to departments through the National knowledge network (NKN). Departments also have smart Classrooms with LAN/ICT facilities, Computer Labs, Seminar Halls fully equipped with overhead/ LED projectors with screens, interactive panels, Graphical tablet, internet facilities, amplifiers, sound systems, etc. Teachers frequently conduct interactive online sessions with students, special lectures, video conferences, and seminars.

Every department has a well-equipped Library with rare Books, Journals, Magazines, both National and International Reports, Periodicals, and other reading materials. In addition, faculty and students make optimum use of the well-equipped A.C. Joshi Central Library with its rich resources collection of 6,70,000, almost 660 current periodicals, Online Database, archival access to E-Journals, E-Books from Oxford, Cambridge, Sage E-books, E-Vidya Collection, E-Books from Karger, Wiley, Pearson, Springer, Thomson Reuters Proview, E-Resources from ICSSR, DELNET, Institutional Repository (Intranet). Significantly, all library operations are managed by Library Management System (SLIM21). The A.C. Joshi Library has a special facility on the ground floor for our visually impaired students, which provides PCs with the JAWS and Zoom-Ex-software.

File Description	Documents
Upload relevant supporting document	View File

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The University has excellent infrastructure for curricular, extracurricular as well as sports, providing avenues for realising the true potential of our students, faculty and staff.

Directorate of Sports of Panjab University which was set up in the year 1948 has a large air-conditioned gymnasium hall for indoor games of international standard. University has court/playground for all major sports such as Badminton court, International level Swimming pool, an all-weather swimming pool that has five lanes and stretches to 25 meters, an international standard 10-meter Shooting Range, 400 meters grassy athletic track (8 lanes), two basketball courts of international standard (with floodlights), four volleyball Courts, one hockey ground, two football grounds, two Handball Courts, two Kho-Kho Courts, two Kabaddi Courts, three Softball grounds, two cricket grounds, Two Synthetic Lawn Tennis Courts, Eight Grassy Lawn Tennis Courts, One Cinder Lawn Tennis Court, Outdoor Boxing & Gymnastics Arena. University has its own Gym for Boys & Girls, Weight lifting hall, Judo Hall, Wrestling Hall and two Multipurpose Halls for indoor games such as Table Tennis, Carom Board, and Chess.

For the last three years, the University has won the prestigious MAKKA trophy, awarded to the best all-round university in Sports.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

University campus is a self-contained, it has its own Shopping Centre, Health Centre, Banks, Post office, Swimming Pool, Gymnasium, Sports Grounds, Botanical Gardens, Herbal and Rose Gardens, well-maintained parks, Open Air Theatre, Guest Houses, Faculty House, Seminar Complexes, Alumni House, Community Centre and a higher secondary school. There are twenty residence hostels for students on the campus, eight (8) for boys, ten (10) for girls, one working women hostel and an international hostel. These Hostels are accommodating approximately 7000 students. In addition to these, two sports hostels (one for girls and one for boys) with a dining hall, canteen, several deserts and water coolers, a visitors' lounge, and invariably an outdoor court for badminton, volleyball, a provision for indoor games, LED TV, internet connectivity through wi-fi facilities available.

Bhai Ghanaiya Ji Health Centre is a fully equipped modern clinical laboratory, with the latest computerized ECG machine,

and a fully computerized digital 500m mammographic compatible CR unit x-ray machine. The health centre provides general and specialist medical consultations to more than 30,000 (employees and their dependents, researchers and students). Around-the-clock emergency service along with a 24X7 ambulance is available. Health check-up camps and Blood donation camps are held at regular intervals.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

3198.1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

PU Library is fully computerized with an integrated system connected to the campus network. The Library houses approx. 8 lac volumes, which include books, bound volumes of journals, theses/dissertations, rare books, reports, government documents, back files of newspapers and a prized collection of 1492 manuscripts. The Library has in-house database of e-resources, books, journals, (Online and Print)e-books, thesis and other reading materials. These resources can be accessed through the Library website. (<http://library.puchd.ac.in>).

The process of computerization is through TECHLIB plus integrated library management software. Salient features of PU library include:

1. The Library has fully implemented RFID Technology along with new Integrated Library Management Software (SLIM21) to facilitate efficient issue/return of books including auto issue/return, better stacks management, inventory control and an improved security system for books in the

Library.

2. There is a Drop Box facility at the entrance of the Library to facilitate the clock return of books.
3. PU Library provides Online Membership and SMS alerts for the user's account.
4. Wi-Fi System has been installed in the Library to access online journals and databases on the laptops.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

591.00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

225

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

207

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

IT Policy

The salient feature of the PU IT policy is to provide technical and computing support for the researchers, students and faculty for enhancing their academic and research productivity. Users of Panjab University Chandigarh computing, networking and IT facilities are expected to abide by the well-drafted rules, which are intended to preserve the utility and flexibility of the system, protect the privacy and work of students and faculty, and preserve our right to access the international networks to which the system is connected.

The whole academic area is Wi-Fi enabled and the faculty and students are offered free unlimited access to academic material within the academic area, along with technical support.

The IT policy is fully operational and has ensured a support system and has been duly approved by the syndicate (Nov 19, 2011) and is available on the official website of Panjab University. It can be accessed from the following link.

<https://puchd.ac.in/includes/documents/pu-it-policy-2011.pdf>

Budgetary Provisions

The budgetary provisions and utilization is available on the official website of Panjab University and can be accessed from the following links.

<https://puchd.ac.in/important-documents.php>

<https://puchd.ac.in/includes/documents/2021/budget2021-22.pdf>

<https://puchd.ac.in/includes/documents/2020/budget2020-21.pdf>

<https://puchd.ac.in/includes/documents/2019/budget19.pdf>

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
17618	2144

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

• ?1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

6431.42 lac

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms

etc.

The university has spacious, well-ventilated and equipped classrooms with internet and Wi-Fi facilities. There are smart classrooms with LAN/ICT facilities, computer labs, seminar halls equipped with overhead/ LED projectors with screens, amplifiers, sound systems etc.

The University has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities. For example, a need-based assessment is undertaken at the beginning of every academic year for replacement / up-gradation / addition of the existing infrastructure. There is a distinct construction office, Glass Blowing Lab, Mechanical workshops, and AMC's for the maintenance of both infrastructure and instruments. There are laboratory safety showers, eyewash stations, and fire extinguishers to provide protective measures to minimize casualties. General instructions are displayed in each lab regarding safe usage while in the laboratory.

The library operations are managed by Library Management System (SLIM21). The A.C. Joshi Library (Main Library) has a special facility for visually impaired students - PCs with JAWS, Zoom-Ex- software, Horizon A3 Scanner, Lex Software etc.

The maintenance of sports ground and sports equipment are undertaken by a sports committee. Overall maintenance of campus IT infrastructure is maintained by the computer centre of the university.

<https://puhd.ac.in/includes/documents/pu-it-policy-2011.pdf>

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

1969

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

14348

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

309

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

1436

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

688

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

55

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Punjab University Student Council(PUCSC) is a proactive student body, duly elected under the guidelines of Lyngdoh Committee for student elections every year. The Student Executive Council is centrally located in Student Centre with its own office. It works closely with the Department Representatives , also elected along with Council. The Student council plays important role in guiding the new students in the admission process while setting various Help Desk in the Panjab University. Student Council also plays a significant role as bridge between the administration of the Panjab university and students. Student Council acts as a watchdog in the Hostel management and mess and canteens.

PUCSC also plays an important role in ensuring the equality and dignity of all students in the campus and thus are given space in Panjab University Committee Against SexualHarassment (PU CASH), SC/ST Cell and Disability Cell. Student nominees are also mandated in various scholarship and related committee which are constituted for the welfare of the students.

PUCSC is a socially sensitive entity and thus plays a significant role in spreading he social awareness through awareness campaign, screening of movies and field trips. Every year, Student Council organises two major cultural events namely Agaaz and Jhankar providing platform to hundreds of students to showcase their talents. Such event to create string social bonding overcoming the compartmentalization of disciplines, degrees and specialisation. Religious trips are also undertaken.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

101	
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	View File
5.4 - Alumni Engagement	
5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year	
<p>Panjab University Alumni Association (PUAA), constituted in 1969 (registered in 1972) contributes significantly to the development of the institution through financial and academic support besides providing student mentorship. PUAA has four overseas chapters besides alumni associations at departmental levels. Efforts are afoot to open chapters in Delhi, Mumbai, Hyderabad and Bangalore. The association has executive council constituted by 30 members and a full-fledged office in Alumni Guest House on PU Campus. PUAA has a comprehensive website integrated with all social platforms and mobile application for easy access. The global alumni meet organised in January 2021 received tremendous accolades.</p> <p>The association contributes a significant amount to the exchequer of the university through interest generated by the endowment funds, funds for memorial lectures and donations by the alumni members. Besides, the members also contribute liberally for the renovation of buildings, seminar halls, sectional libraries and laboratories. PUAA runs a talent shop that offers customised gifts crafted by student's start-ups, thus promoting them. A robust Research Promotion Fund contributed by alumni corpus helps faculty with seed grants for research. Initiatives like Global alumni meets, batch reunions, alumni lecture series, wellness series, celebrations of important days involving illustrious alumni, recognising and rejoicing the achievements of alumni has provided a renewed vigour to the organisation apart from instilling a feeling of bonhomie.</p> <p>Multifarious activities undertaken by the Alumni Relations office can be viewed at https://www.alumnipuchd.org/</p>	

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) **A. ? 5Lakhs**

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Panjab University envisions being a premier world-class institution, developing and disseminating transformative knowledge "to create future intellectuals, leaders and innovators". It seeks to address societal needs and challenges, provide equal access and treatment and a safe environment free of discrimination and inequity. Its mission thus includes offering teaching programmes in line with national and global priorities. Research collaborations - across disciplines, intra/inter-institutional, national and international - are the cornerstone of this structure. Transparency, efficiency, accountability in administration; decentralization and autonomy of Departments are its keys to good governance.

The Panjab University Calendar comprehensively prescribes the governance structure of the University and the rules and regulations for all aspects of its functioning. The Senate, a democratic body comprising of elected and nominated members representing all stakeholders, governs the University. This meets quarterly; its annually elected Syndicate meets monthly. The Vice Chancellor acts on behalf of and in consultation with these. The Dean University Instruction (DUI) is the Academic Head and the Registrar heads the Administration.

The apex academic body is the Academic Council. Every Academic Faculty has an elected Dean. The Dean College Development Council (DCDC) oversees the affiliated colleges. The Controller of Examinations (COE) oversees the mammoth examination machinery. The Finance and Development Officer (FDO) is a

qualified Chartered Accountant.

Dean Alumni Relations and Dean International Students liaise with the rich alumni base of the University and the international students. The residential, social and cultural needs of the students are looked after by the Dean Student Welfare.

File Description	Documents
Upload relevant supporting document	View File

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The Panjab University Senate, its governing body, has 46 elected members representing all stakeholders of the University including teachers of the University and its affiliated colleges, college principals, academic faculties, registered graduates and civil society.

All academic decisions are initiated at individual departments where the various committees (academic, administrative and technical) include faculty members at all rungs of seniority. An elected Board of Studies (BOS) recommends curriculum to its Academic Faculty. Academic Faculties headed by elected Deans and constituted by Professors, Chairpersons and elected members deliberate these and recommend to the apex Academic body, the Academic Council.

Administrative decisions are taken by a number of committees comprising faculty members from the University as well as affiliated colleges. These include the Regulation Committee, the Affiliation Committee and the Board of Finance.

Student participation is ensured through an elected Student Council as per the norms of Lyngdoh Committee. Students are involved in the framing and revision of the Syllabi and their representative is allowed to witness Senate Meetings. Students are included in the Grievance Cell, Placement Cell, Committee against Sexual Harassment and Committee for prevention of Ragging. The University thus includes all stakeholders at the decision making as well as execution levels.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The Institutional Strategic Plan embodies the Vision and Mission of the University the establishment and consolidation of the University's position as a premier world class institution in the field of Higher Education.

Challenges thrown up by testing times come with opportunities to take a leap forward and touch new frontiers of accomplishment. The period of COVID-19 proved to be one such phase: a period when the University had to shift to an online mode of functioning in the areas of teaching, research, knowledge dissemination and extension activities.

Conducting research during COVID-19 times proved to be as much of a challenge as a necessity. To ensure uninterrupted research activity, Panjab University provided its teachers, research scholars and students off-campus access to all its e-resources. The e-library of Panjab University powered by Knimbus was launched on May 7th, 2021.

The Knimbus platform is a digital library providing all library services through a single platform. The embedded Remote Access feature of Knimbus makes all resource links and remote access pages work seamlessly whether the user is on campus or elsewhere. Training workshops were conducted to familiarise researchers with this facility.

The provision of e-library services has improved the research output of Panjab University, visible in the sustained quantum as well as quality of publications.

File Description	Documents
Upload relevant supporting document	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institutional bodies of Panjab University ranging from the

Senate and Syndicate to its Academic Council, Faculties, Departments, Institutes and Centers, and its administrative organs including the verticals of Examination, Finance, Establishment, General Administration and College Branch are all functioning as per the rules and regulations laid down in the Calendar of Panjab University. The Calendar is amended as and when required with the approval of the Ministry of Human Resource Development.

All established procedures, as laid down in the founding statutes of the University, are adhered to in letter and spirit. The procedures for appointment and promotion of the teaching faculty are adopted from notifications and amendments received from time to time from the University Grants Commission. The same are routinely circulated among the faculty and duly displayed on the website of the Dean University Instruction as well as Director Research and Development.

Every effort is made that both the teaching and administrative staff receive their due benefits in terms of transparent selection procedures and timely promotions. In the year (2020-21) more than a hundred teachers were promoted under Career Advancement Scheme despite the challenging situation that had developed in the wake of COVID-19.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Creating a positive and enabling environment for professional growth of both teaching and non-teaching employees, is the guiding principle of the university administration.

The teaching faculty is governed by the regulations and notifications issued by the UGC/MHRD. The UGC Career Advancement Scheme is the basis of their periodic performance appraisal as well as promotions. The University strictly adheres to such parameters. Another method of appraising teachers' performance is through feedback from students. The PBAS laid down by the UGC/MHRD has been adapted to represent the specifics and standards of the Panjab University system. The University's effort is to facilitate career and professional growth of its faculty and keep them motivated. It also supports career growth of teachers by providing them financial assistance to purchase books, attend seminars/conferences both in India and abroad. This financial assistance is allocated through a duly constituted committee comprising of the teaching faculty.

For the non-teaching staff, performance appraisal is done through a transparent ACR system. Their promotions are based on clear rules and regulations of the University, through duly constituted committees of the university. The grievances of the staff are also addressed through such medium.

Welfare measures such as medical aid and reimbursement, leave of the kind due, on-campus residential accommodation, gratuity and retirement benefits are disbursed in a transparent and efficient manner for all staff.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

122

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

40

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

199

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

University has well-structured institutional mechanism to monitor effective and efficient use of Financial resources. As per section 31(2)(r) of Panjab University Act, 1947, university has constituted a Board of Finance that periodically reviews financial requirement of University and suggests ways and means for improvement and makes recommendations to Syndicate relating to University finances.

Measures followed for effective and efficient use of financial resources:

1. All financial activities are planned by translating these requirements in annual budget incorporating therein recurring and non-recurring expenditure and income

expected to be generated from internal resources. Board of Finance considers these budgetary requirements and makes recommendations for its approval by Syndicate and Senate.

2. For day-to-day financial transactions, University has prepared its Accounts Manual which provides rules for making various expenditures to ensure transparency, efficiency and fair procedure.

Measures for internal resources mobilization:

1. University has setup a Centre for Industry Institute Partnership Cell (CIIP) which gives a platform to University faculty members not only to interact with industry by providing various kinds of consultancy services but also to help supplement resource generation of the University.
2. University has been conducting examination for various government institutions including recruitment tests which helps it to mobilize extra resources.
3. University through its strong alumni base, has been able to receive donations and contribution for creation of endowments and specific projects.
4. University has been registered with Ministry of Corporate Affairs as an eligible entity to carrying out CSR Projects.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

1037.11418 Lakh

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

90 lakh	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
6.4.4 - Institution conducts internal and external financial audits regularly	
<p>The University has a strong mechanism of two tier independent and external audit as explained as below:</p> <p>1. Concurrent audit by resident audit team of Local Audit Department of U.T. Chandigarh, wherein each bill before it is paid is pre-audited by independent resident Government Auditor i.e. Assistant Controller Local Audit (ACLA) deputed by the Finance Department, U.T. Administration Chandigarh. No payment is drawn from the University Accounts unless the Audit Officer appointed in this behalf records pre-audit enforcement on the relevant bill. The Utilization Certificates are also certified by the Examiner, Local Funds Accounts or the Audit Officer empowered by him in this behalf in respect of grants-in-aid received from the funding sponsoring authorities. Therefore, any objection on the payment gets settled before the release of the payment itself. The Audit and Inspection Reports of the Examiner, Local Fund Accounts, U.T. Chandigarh shall be given close and prompt attention at all stages.</p> <p>2. Besides above, the financial statement and books of accounts of the University are being audited on annual basis by CAG through the office of Director General of Audit (Central), Chandigarh. The audited financial statements and reports of audit are submitted before the statutory body of the University namely Board of Finance (BOF). The status of settled and pending audit paras are submitted to governing bodies of the University on periodic basis.</p>	
File Description	Documents
Upload relevant supporting document	View File
6.5 - Internal Quality Assurance System	
6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the	

teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

IQAC, constituted in the University under the Chairmanship of the Vice Chancellor, functions as a nodal agency of the University for quality-related Issues, with a clear mandate to develop measures for quality sustenance and enhancement. The cardinal principles of IQAC cell are to promote quality consciousness among all the stakeholders. The following are the two examples of practices institutionalized as a result of IQAC initiatives:

1. Use and enrichment of ICT infrastructure for teaching-learning-administrative processes:

The IQAC was instrumental towards the successful implementation of modern technology in the University's administrative functioning through ICT. IQAC has developed Panjab University Information Resource Portal (IRP), which is an innovative way to collect and organize Information from 78 teaching departments. This portal helps IQAC to collect, organize and submit information to NIRF-MHRD, NAAC, AISHE-MHRD, Times-Higher Education, QS World Rankings etc.in timely and efficient manner. Automation of admission, financial and examination processes, upgradation of Wi-Fi and LAN facilities, have significantly contributed to an enhanced quality of teaching-learning experience.

2. Implementation of Sound Feedback System

The IQAC collects the feedback of various stakeholders (Students, Teachers, Alumni, Employers and Parents) to assess student learning outcomes and the performance of the teachers. The feedback received is scrutinized, analyzed and utilized for quality enhancement and improvement in various aspects such as curriculum enrichment, infrastructural facilities, augmentation of research facilities which result in student progression and quality research.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following

A. Any 5 or all of the above

for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

1. Adoption of Choice Based Credit System (CBCS) in all Science departments on the Campus

2. Facilitating preparation of templates for capturing Annual Feedback from various stakeholders (Students, Teachers, Alumni, Employers and Parents)

3. Entering into Memorandum of Understanding with several International and National Institutions for academic, research and technical and cultural exchange programmes.

4. Focusing on bringing ICT in its academic and administrative functioning after the accreditation in its third cycle in 2015. Its first initiative was the introduction and implementation of ICT based University Management System for all the students and faculty and second was introduction of Panjab University Information Resource Portal (IRB), which is an innovative way to collect and organize Information from 78 teaching Departments.

5. Encouraging and ensuring continual reforms in teaching-learning methodologies by laying impetus on the adoption of ICT and participatory learning in teaching practices.

6. For Honours School and Engineering courses, under which, the

answer books after examination are retained in the Department concerned for evaluation by the internal teachers and the answer books are shown to the students after evaluation. The awards are finalized after sorting out/removing the query/doubt of students, if any, regarding evaluation. With this system, the checking of answer-books and reevaluation of answer books are no longer required resulting into saving the time and providing much required transparency in evaluation.

File Description	Documents
Upload relevant supporting document	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

1. Curricular Activities:

- A large number of programs/ courses are run by the University focusing wholly or partially on promoting gender equity and sensitization.
- The Dept-cum-Centre for Women's Studies is wholly focused on promoting gender equity and sensitization, while those of Centre for Human Rights and Duties and Centre for Social Work have approximately 50 per cent of the social sciences programs focused on this theme.
- Other Departments, such as Political Science, History, Sociology, English and so on have one to two papers specific to the theme.
- In addition, a compulsory paper has been introduced at the undergraduate level on Domestic Violence and Child Abuse;

2. Co-curricular Activities:

- Each Department of the University organises a large number of seminars/ workshops/ symposia/special lectures on the theme of gender equity and sensitisation. (List attached)
- Training Programmes are organised with gender equity and sensitization as the central focus. The Faculty Development Programmes and Refresher Courses organised by HRDC Centre and ICSSR have a component on gender equity.

3. Extra-Curricular Activities:

- Within the Campus: Debates, Poster making competition, etc
- Outside the Campus: Gender equity and sensitisation within the campus would have no value without a similar effort outside the ivory towers of the University. Panjab University has a dedicated Department - the Department - cum-Centre for Women's Studies and Development which has gender sensitisation as one of its major objectives. This Department since its inception has been conducting numerous gender sensitisation programmes at various levels. (List attached)

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	https://iqac.puchd.ac.in/docs/2022/20220627170043-annualgendersensitisationactionplan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://iqac.puchd.ac.in/naac-docs/c7/gender/7.1.1 specific facilities.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Panjab University has assiduously adhered to the Swachhta Abhiyaan initiated by the Government of India. Being a residential campus, the nature of waste generated includes domestic as well as biomedical, e-waste and hazardous chemical and radioactive waste.

Solid waste is collected by e-loaders from blue as well as green dustbins located all over the campus. The big houses in the campus are encouraged to develop compost pits wherein organic garbage may be converted into manure. A biogas facility has also been installed in one of the University hostels.

An efficient underground sewage system connected to the city's sewage system takes care of liquid waste as well as storm water. Rain water harvesting structures have also been erected.

Biomedical waste consisting of gloves, syringes, animal carcasses etc. is stored separately till it is collected in yellow bags and transported to the city level incinerator at PGI. Sanitary pad incinerators have been installed in girls hostels with the help of funds available under CSR.

Radioactive waste management is done as per AERB guidelines. Short-lived radioactive waste is managed by delay and decay technique wherein solid and liquid waste is separately stored under controlled conditions until it has decayed to permissible limits.

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	View File

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment
Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms
Signage including tactile path lights,**

A. Any 4 or all of the above

display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

Panjab University is home to students from all parts of India and several parts of the world as well. Students particularly hailing from the border states of Jammu and Kashmir, Ladakh, Manipur, Mizoram, Nagaland, Uttarakhand and Himachal Pradesh access this University for attaining higher education. All these students seek and are to a large extent provided hostel facility.

Panjab University Hostels are thus microcosms of the entire country and students here dwell and develop in complete harmony with each other. A variety of festivals and cultural events are celebrated in the University especially the hostels. The University observed the 550th birth anniversary of Guru Nanak Dev at the central as well as departmental level. The 300th birth anniversary of Guru Teg Bahadur is currently being observed.

In addition to these festivals such as Diwali, Holi, Christmas are all celebrated with complete bonhomie. The University organises a large scale fair on Dusshera which is celebrated by students, teachers and supporting staff alike. The campus has a Gurdwara and a temple as well.

The University has cells to watch out against any kind of discrimination on the basis of gender, caste and physical ability. Efforts have been made to make the campus disabled friendly. Special washrooms have been constructed to ensure the dignity and privacy of the trans-genders.

File Description	Documents
Upload relevant supporting document	View File
7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:	
<p>Panjab University is dedicated to the production of responsible citizens in the form of its alumni who are imbued with such values which are required of sentient and discerning individuals who are conscious of both their rights and duties.</p> <p>To this, the fundamental duties of all citizens of India have been prominently displayed in all hostels so that students are sensitised to these. In addition to this, the University observes all such days which play a role in instilling the right values in the students. These include the observing and celebrating of days such as the Republic Day, the Independence Day, Ambedkar Jayanti, the Constitution Day, Vigilance Week, Earth Day, Women's Day etc. These events are celebrated both in the Teaching Departments, Administrative Departments and the Hostels. These events may be observed through the conduct of awareness workshops, cycle rallies, seminars and gender sensitisation workshops.</p> <p>The University also has dedicated NCC and NSS wings wherein students are encouraged to participate and play a positive role in contributing both towards the nation and the society. Students from the University are regularly selected to participate in the Republic Day Parade. A student from the Department of Zoology was awarded as Best Cadet in the last Republic Day Parade.</p> <p>https://iqac.puchd.ac.in/naac-docs/c7/environment/7.1.9-Supporting-Documents.pdf</p>	
7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct	All of the above

Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The departments and Centres of Panjab University routinely celebrated various national and international commemorative days, events and festivals during the year 2020-21. These included the Republic day and Independence day (which are celebrated at the University level by unfurling and hoisting the National Flag respectively), Gandhi Jayanti and Martyrdom Day which are specially celebrated and co-ordinated by the Department of Gandhian Studies. An international online seminar was held on the event of Martyrdom Day of Mahatma Gandhi wherein eminent scholars from three different countries participated. The event was webcast live for the benefit of students. Vigilance Awareness Week and Constitution day are celebrated by the whole University though the event is co-ordinated by the Department of Laws and UILS. World Environment day, International Yoga day are other days celebrated with the objective of sensitizing teachers, staff and students to constitutional obligations: values, rights, duties and responsibilities of citizens.

Vigilance Awareness week was observed in Panjab University, Chandigarh from 27th October to 2nd November, 2020. The commencement of the week started by taking Integrity Pledge by the Faculty, non-teaching staff, research scholars and students administered by the Chairperson/ Head of the Department. To commemorate birth anniversary of Sardar Vallabhbhai Patel, Sadbhawna divas is observed by taking national unity pledge by various teaching and non-teaching departments. Apart from this, University also celebrates Dr. Ambedkar Jayanti, Earth day, Diwali ,Lohri, Hindi Diwas, Mother Tongue Day etc.

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

https://iqac.puchd.ac.in/naac-docs/c7/qlm/bestpractice_feedback.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

https://iqac.puchd.ac.in/naac-docs/c7/qlm/7.3distinctiveness_ICT.pdf

7.3.2 - Plan of action for the next academic year

In furtherance of his objective to impart quality education and to excel in its impactful research, coupled with its social obligations, Panjab University has identified following priority areas for the year 2021-22:

1. Enhancing its impact through increased focus on imparting skill -based quality education and promote research driven advancement of knowledge
2. Renewed efforts will be made to establish linkage with reputed national and international organizations/agencies
3. University is developing an enabling entrepreneurial Ecosystem. Special emphasis will be on creating an Incubation Centre for Social sciences projects
4. The University plans to organize regular capacity building workshop/training programme for the teaching and nonteaching staff, using ICT as a facilitator. Setting up state of the art data centre and upgradation of networking infrastrture.
5. PU takes pride in its rich alumni base. Efforts are being made to expand the alumni base and to open distinct chapters as well as to increase Alumni engagement in the University activities.
6. Improvement and Extension of Library facility with special attention of e-information resourcePlanning and Development
7. Strengthening its innovative practice of Earn while Learn scheme by increasing its spread
8. Institutional Commitment towards community has been its

hallmark. PU aims to further strengthen its community outreach activities

9. Ecofriendly initiatives to ensure clean and green academic environs will be further strengthened
10. To reduce the academic and pandemic related stress, Psychological counseling and yoga and meditation sessions will be organized in a blended mode for the larger community participation.

NAAC