Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**PUNJABI UNIVERSITY**
Name of the head of the Institution	**Dr. Arvind**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**01755136001**
Mobile no.	**9815942534**
Registered Email	**vc@pbi.ac.in**
Alternate Email	**iqacell@gmail.com**
Address	**Rajpura Road, Patiala**
City/Town	**Patiala**
State/UT	**Punjab**
Pincode	**147002**

2. Institutional Status

University	**State**
Type of Institution	**Co-education**
Location	**Semi-urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. R.K Goel**
Phone no/Alternate Phone no.	**01755136310**
Mobile no.	**9815987703**
Registered Email	**iqacell@gmail.com**
Alternate Email	**vc@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.punjabiuniversity.ac.in

4. Whether Academic Calendar prepared during the year

	No

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**A**	**3.11**	**2008**	**16-Sep-2008**	**31-Dec-2015**
3	**A**	**3.34**	**2016**	**19-Feb-2016**	**18-Feb-2023**

6. Date of Establishment of IQAC

	02-Aug-1999

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Workshop on Github by ACM (Department has its own ACM chapter & membership) conducted in online mode	**16-Aug-2020** **1**	**80**
International Conference on Applications of AI and Machine Learning	**21-May-2020** **2**	**500**

Expert Lecture on Pointers in C Language and Data Structure and its relevance in Industry, Current Industry Trends and Relevance of Gate Exams	04-Mar-2020 1	240
Industrial Visit of BTech students to Bebo Technologies, Chandigarh.	18-Feb-2020 1	70
Department inaugurates ACM Chapter & Oracle Academy membership and holds one day orientation programme for faculty & students to introduce them to the memberships	28-Jan-2020 1	240
Felicitation ceremony organised in collaboration with whole engineering wing where vice-chancellor of the University honored the students placed in reputed companies with 100	21-Dec-2019 1	500
Faculty Development Programme on Cyber Security and Forensics by NITTTR, Chandigarh	09-Dec-2019 5	80
Faculty Development Programme on Internet of Things by NITTTR, Chandigarh	23-Sep-2019 5	80
Workshop on NBA Accreditation by Dr.AkshayGirdhar, Dean, Academic Affairs & Institutional Coordinator (NBA), Guru Nanak Dev Engineering College, Ludhiana	28-Nov-2019 1	250
A Summer Course on Sanskit Shastra Parampara	16-Sep-2019 15	55
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Physics	SAPCASII	UGC, New Delhi	2018	11600000

			1825	
Statistics/Physical Sciences	DST-FIST Programme 2018	DST Govt. of India	2018 1825	3400000
Statistics/Physical Sciences	DST-FIST Programme 2018	DST Govt. of India	2018 1825	3400000
Physiotherapy	FIST	DST	2018 1825	8500000
Physiotherapy	Core Research Grant	DST-SERB	2018 1095	5458700
Physiotherapy	Major Research Project	DST-SERB	2017 1095	1549680
Zoology & Environment Sciences	FIST II	DST	2014 1825	8700000
School of Management Studies	SAP	UGC	2015 1825	5500000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	0
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
Upload the minutes of meeting and action taken report	No Files Uploaded !!!
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Preparation and submission of AQAR 201920 • Participation in NIRF India Rankings 2021 • Academic Audit of the all Departments eOffice, a file processing and tracking system, is being infused in the routine working of the all branch.

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

Plan of Action	Achivements/Outcomes
Orientation Course (Guru Gobind Singh Department of Religious Studies)	Religious Co-existence among the students in Society and Students
Recruitment of Teaching faculty and administrative staff (School of Social Science Department)	Under-Process
To start Post Graduate course (School of Social Science Department)	Pending due to technical & infrastructure constraints
To establish Smart classroom (School of Social Science Department)	Established
Pharmaceutical Sciences & Drug Reserarch Department used online platform for the theory as well as for practicals of BPharm and M pharm till further advisory issued by MHRD and University authorities regarding this for the educational Institutes.	During this challenging time of COVID the session was completed successfully using online mode, even the exams have been conducted online.
Institute of Engineers (IEI) Student Chapter	Organised coding competitions on selected technical subjects
Class room teaching has been made more interesting by using power-point slides and videos. Students are encouraged to solve numerical problems themselves in the class.	Achieved up to the satisfactory level
Organized Free physiotherapy and medical Camp	Free medical and Physiotherapy camp was organized in collaboration with Columbia Asia Hospital on 12th February 2020.
Utilized the grant of Rs 60,00,000 released by DST-FIST as first release during the year 2019-20 by Physiotherapy Department	Books worth Rs 1 lakh were purchased from the grant, Equipments worth 54 lakhs were purchased and Computer Lab (With networking) established
Academisc Insdustry interaction/Seminars/workshops/lectures, Hands on tranining Journalisam and Mass Communication Department has put more strress on an interactive environment in classroom which has resulted in more participastion na dinclusive teaching experience. Adoption of Online Teaching/Pedogogy.	Placements in Colleges/University, Newspapers, Radio, television Channel, Public Relations., Ad Agencies, Social Media Content Writing, Health Communication Sector, Block Education Sector and in Various National and International Projects.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**30-Mar-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**iHRMS (Integrated Human Resource Management System) Examination module Student Support Module**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	**ECMB4PUP**	**Electronics and Communication Engineering**	**22/06/2020**
BSc	**STAB3PUP**	**Computer Science, Statistics, Mathematics Part-I(Semester I)**	**06/12/2019**
BLibISc	**LISB1PUP**	**Bachelor of Library and Information Science**	**22/01/2020**
BSc	**CHEI5PUP**	**B.Sc. (Honors)-M.Sc. Five Year Integrated Course in Chemistry**	**05/11/2019**
BSc	**MATB3PUP**	**Honors in Mathematics Sem-1**	**07/11/2019**
BSc	**BMCB3PUP**	**Mathematics and Computing**	**07/11/2019**
MA	**ECOM2PUP**	**Economics**	**20/01/2020**
MA	**ECOMH2PUP**	**Honors School in Economics**	**20/01/2020**
MSc	**STAM2PUP**	**Statistics, Part-I, part-II**	**06/12/2019**
Mtech	**ECMM2PUP**	**Electronics and communication Engineering**	**22/06/2020**
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic

year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MA	**Religious Studies**	**01/07/2019**	**RSTM2PUP**	**01/07/2019**
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
PG Diploma	**P.G.Diploma Punjabi Literary Creative Writing**	**16/04/2019**
Integrated(PG)	**PHYSICS (HONORS SCHOOL SYSTEM)**	**01/07/2019**
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	**NIL**	**Nill**

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Language Technology	**01/07/2019**	**28**
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	**To study cleanliness profile of the village Bhateri (Research work under the course of MA Sociology)**	**18**
PG Diploma	**Paper-IV of P.G.Diploma in Women and Child Development is Project work (Women Studies Centre)**	**22**
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	No

Parents	No

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

Feedback Obtained
The IQAC has designed the feedback form for collecting feedback and has circulated among departments for collecting feedback, analyzing it and taking action on it. Thus, feedback is collected from students, Employers, Alumni and Parents individually by various departments. Feedback is collected from the students about overall performance. The structured feedback Performa is analyzed as per the sections viz. Campus, Canteen, Health Care Facility, department wise etc. Feedback is regularly collected from the students regarding Teaching-Learning and Evaluation aspects including the problems in campus (if there is any), classrooms and hostels, examination process, industrial training aspects, placements etc. The outcomes are analyzed and conveyed to the concerned faculty, branch of the university and various committees constituted in the department so that corrective measures are taken for upgrading the quality of education. Moreover, some departments usually contact Employers for getting their feedback on Curriculum as per market need and demand. Also, Employers give feedback about the performance of students during the project training during their final semesters. According to employer's feedback, new courses, skill development courses and upgradation of curriculum is proposed and finalized through Board of Studies meetings. Moreover, add on courses are also suggested to students for enhancing their skills. Similarly, some departments contact Parents to know about their experience and accordingly modification/improvements are tried to incorporate in the system. In the similar way, Alumni also play vital role in helping the departments in upgrading the curriculum as per market demands time to time. Technology is changing at very fast pace and up gradation is also required as per market requirement for making students ready for market as they complete their programme. Alumni are part of Board of Studies committees.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Electronics & Communications Engineering	180	470	27
BTech	Civil Engineering	180	428	38
BTech	Mechanical Engineering	180	434	35
BTech	Lateral Entry 2nd year(Computer Science and Engineering)	18	54	19
BTech	Computer Science and Engineering	200	615	196
BTech	Electronics &	60	460	18

	Computer Engineering (E.C.M.) (Department of Electronics & Communications Engineering)			
BTech	Lateral Entry 2nd year (Electronics & Communications Engineering)	18	32	4
BTech	Lateral Entry 2nd year (Mechanical Engineering)	18	29	8
BTech	Lateral Entry 2nd year (Engineering Civil)	18	61	33
Integrated(PG)	M.Sc. Program in Physics Five Year Integrated (Hon's School System)	30	84	32

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	5290	4713	71	187	351

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
515	437	20	135	72	25

[View File of ICT Tools and resources](#)

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

Students mentoring system is available in the University. At the beginning of each semester, all classes are allocated mentors (the faculty members of the University department). Each mentor has the responsibility of taking care the academic and other issues related to the class. Class representatives are selected by consensus in the class. The students individually or with the help of Class representatives present their issues to mentor and

seek advice, counselling and suggestion and help from mentor. Issues like class rooms, infrastructure, syllabus, teachers, pedagogy, and administrative issues are usually discussed with mentors. Even if some students have got personal problems, they feel free to discuss with their mentors and get valuable and appropriate advice from their mentors. Mentorship programme helps students to make rapport with the teachers and inculcate cordial relationship between the mentor and mentee. All teaching faculty members are available during the recess as well as at other times to counsel and mentor students. Mentoring is done on professional and personal problems as well as difficulties related to course-content, preparation for the final examination or any other issue concerning students academic and personal lives. To achieve academic excellence all academic and moral support is provided to each student and they are made well-equipped in their academic and professional fields and subjects by adopting latest teaching methods with the help of Multimedia presentations, access to good art journals, books, periodicals, magazines, catalogues, brochures, slide shows and live lecture-cum-demonstration by eminent professional artists, print makers, sculptors, portrait painters to motivate and update their knowledge and skills to face professional and academic challenges when they pass out and start their own professional careers. This way the students gained enough professional competence and confidence in undertaking professional jobs independently in their chosen and preferred fields.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
9983	603	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
1445	700	745	Nill	513

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr Yashpal Sharma	Professor	Master of Metaphor at World Poetry Conference by Philospher Poetic and Grand Productions Canada dated on 13-14 October 2019
2019	Dr Niveditta Uppal	Professor	On ocassion of International Woman Day honour by Baba Farid Education and Welfare Society Longowal for contribution the field of Music.
2020	Dr Alankar Singh	Professor	Presented Ma Boli Bhagti Rattan Award by Singh and Kaur Productions Amritsar at 10 Jan 2020 for contribution towards Gurbani

			Sangeet
2019	Dr Mayank Anand	Assistant Professor	Dr. Mayank Anand was awarded a scholarship by Institute Français en Inde, New Delhi to participate in a Teachers Training Programme held at CLA, Université de Franche-Comté, Besançon, France.
2019	Dr Tarika Sandhu	Associate Professor	Honoured with Praman Patra by the Punjab Govt. for rendering exemplary servicesin District Patiala under the Anti Drug Awareness Program during the Independence day celebrations Aug.15th , 2019
2019	Dr Mandeep Kaur	Associate Professor	Honoured with Praman Patra by the Punjab Govt. for rendering exemplary services in District Patiala under the Anti Drug Awareness Program during the Independence day celebrations Aug.15th , 2019.
2019	Dr Vidhu Mohan	Associate Professor	Honoured with Praman Patra by the Punjab Govt. for rendering exemplary servicesin District Patiala under the Anti Drug Awareness Program during the Independence day celebrations Aug.15th , 2019
2020	Dr. Namarta Vadhera	Assistant Professor	Recipient of Young Woman Award in Humanities and Social Sciences at Fifth Venus International Women Award (VIWA) on 7th March 2020.
2020	Dr Munruchi Kaur	Professor	Fellow, MSI, Mycological Society

				of India
2020	Dr J. I. S. Khattar	Professor		G Panigrahi Memorial Award

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BCA	BCAB3PUP	2020	08/10/2020	04/11/2020
MSc	APHM2PUP	2019	27/12/2019	23/06/2020
MSc	AMCM2PUP	2019	09/01/2020	03/09/2020
BSc(Agriculture)	AGRB4PUP	2019	14/01/2020	24/11/2020
BSc(Agriculture)	AGRB4PUP	2019	01/10/2020	06/12/2020
BSc(Agriculture)	AGRB4PUP	2020	09/10/2020	27/10/2020
MSc	AMCM2PUP	2019	04/01/2020	14/08/2020
MSc	AMCM2PUP	2020	09/10/2020	11/12/2020
MSc	APHM2PUP	2019	26/12/2019	17/06/2020
BCA	BCAB3PUP	2020	08/10/2020	24/11/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
1	195232	0.0077

2.6 – Student Performance and Learning Outcomes

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

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http://www.punjabiuniversity.ac.in

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2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
PHYM2PUP	MSc	Physics	264	173	65.53
CHEM2PUP	MSc	Chemistry	262	194	74.05
EDUMED2PUP	MA	Education	120	104	86.67
MECB4PUP	BTech	Mechanical	156	117	75

| STAM2PUP | MSc | Statistics | Nill | Nill | Nill |

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2.7 – Student Satisfaction Survey

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

[https://docs.google.com/forms/d/e/1FAIpQLSfjpAW4GgHa-4SdfngYC5Agi4iuCFna_Izd M9ZriZMPO-nFBA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfjpAW4GgHa-4SdfngYC5Agi4iuCFna_IzdM9ZriZMPO-nFBA/viewform)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr.Reecha Sharma (Department of Electronics and Communication Engineering)	51 "Most Influential Women" in recognition for a record of outstanding	08/07/2019	Brijbhoomi foundation on held at Patiala
National	Dr.Reecha Sharma (Department of Electronics and Communication Engineering)	Exemplary services in teaching	15/08/2019	State Punjab Govt.

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

Name of Research fellowship	Duration of the fellowship	Funding Agency
Rajwinder Kaur (University School of Applied Management)	1825	UGC
Prince Rohit (University School of Applied Management)	1825	UGC
MANF (Mullana Azad National Fellowship), Tourism hospitality Management Hotel	1825	UGC
Rajwinder Kaur(University School of Applied Management)	1825	UGC
CSIR-UGC-NET/JRF (Zoology and Environmental Sciences)	1825	CSIR
CSIR-UGC-NET/JRF (Zoology and	1825	UGC

Environmental Sciences)		
Rajiv Gandhi National Fellowship (Zoology and Environmental Sciences)	1825	UGC
Ministry of Environment and Forests (Zoology and Environmental Sciences)	1095	MOEF
DST-SERB (Zoology and Environmental Sciences)	1095	DST-SERB
Maulana Azad National Fellowship for Minority Students (Zoology and Environmental Sciences)	1825	UGC
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	Nill	Ministry of Culture, Govt. of India	500	32
Major Projects	730	ICCSR	10	7
Major Projects	730	ICCSR	10	7
Minor Projects	365	CENTRE FOR WOMEN DEVELOPMENT, New Delhi	1	1
Major Projects	1095	DST-SERB	34	13
Major Projects	1095	CSIR	27	7
Major Projects	1095	MOEF	22	7
Major Projects	821	ICSSR (IMPRESS)	10	7
Minor Projects	214	CENTRE FOR WOMEN DEVELOPMENT, New Delhi	1	1
Major Projects	1825	DST	83	60
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date

Online Webinar on the eve of "World Environment Day". Talk on 'Climate change, environmental degradation and pandemics' by Prof. L.S. Shashidhara	Zoology and Environmental Sciences	05/06/2020
Online Webinar on the topic 'Evolutionary biology in the lab and beyond' by Prof. Amitabh Joshi	Zoology and Environmental Sciences	13/06/2020
Online Webinar on the topic 'The generation and distribution of biodiversity In the East Himalaya from trees to birds' by Prof. Trevor D. Price	Zoology and Environmental Sciences	18/06/2020
Online Webinar on the topic 'The origins of complexity and the complexity of origins' by Dr. Ramray Bhat	Zoology and Environmental Sciences	26/06/2020
Online Webinar on the topic 'Kin selection, relatedness, and conflict in the social Amoeba discoideum' by Dr. Joan E. Strassmann	Zoology and Environmental Sciences	30/06/2020
Drugs in Punjab: Fact Fiction (Col. Harpartap Singh Dhillon Memorial Lecture)	Prof. Harbans Singh Department of Encyclopaedia of Sikhism	22/01/2020
Sri Guru Nanak Dev Ji and Sikh Identity	Guru Gobind Singh Department of Religious Studies	30/07/2019
Sri Guru Nanak Dev Ji and Social Harmony	Guru Gobind Singh Department of Religious Studies	13/08/2019
Religious Co-existence and Peace	Guru Gobind Singh Department of Religious Studies	16/08/2019
The Vision of Guru Nanak Dev Ji Towards Social Harmony and Interfaith Dialogue	Guru Gobind Singh Department of Religious Studies	23/08/2019
Nanak Naam Chardi Kala	Guru Gobind Singh Department of Religious Studies	18/09/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Sixth South Asian History Conference	History	Nill	22/11/2019	Nill
2nd International award conference on Review, Research and Evaluate	Mr. Rachhpal Singh(Assistant Professor), PURCITM, Mohali	International association research and developed organization.	21/09/2019	Nill
Indo-Thai Academic Award 2019 "2nd International award conference on Review, Research and EvaluateIndo-Thai Academic Award 2019	Ms.Balwinder Kaur (Assistant Professor), PURCITM, Mohali	International association research and developed organization.	21/09/2019	Nill
Venus International Women Award (Sociology and Social Anthropology Department)	Recipient of Young Woman Award in Humanities and Social Sciences	VIWA	07/03/2020	Nill
Maulana Azad National Fellowship	Harpreet Kaur, Guru Gobind Singh Department of Religious Studies	UGC	Nill	ScholarShip
Stub -Eco	Best innovator Award, Department of Electronics and Communication Engineering	CSIR,Chandigarh	05/03/2020	innovation
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nill
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded

Hindi	5
Defense and Strategic Studies	6
Punjabi	31
Commerce	10
Social Work	3
Economics	29
English	7
Psychology	9
Sociology and Social Anthropology	7
Philosophy	4
Department of Post Graduate Studies, Punjabi University Regional Centre, Bathinda	3
Music	3
Forensic Science	3
Sri Guru Granth Sahaib Studies	9
Guru Gobind Singh Department of Religious Studies	5
Chemistry	4
Department of Pharmaceutical Sciences Drug Research	5
Physics	6
Nawaba Sher Mohammd Khan Institute, Malerkotla	1
Sanskriti and Pali	2
Basic Applied Science	4
Law	8
Mechanical Engineering	6
College of Engineering and Management Punjabi University Neighbourhood Campus, Rampura-Phul	1
University School of Applied Management	19
Botany	9
Mathematics	2
Chemistry	4
Statistics	5
Political Science	10
Physiotherapy	2
Biotechnology	7
Yadavindra college of Engg., Talwandi Sabo	4
Human Genetics	8

History	6
Persian Urdu Arabic	6
Zoology Environmental Sciences	12
Journalisam and Mass Communication	2
Punjabi Literary Studies	6
School of Management Studies	23
Department of Education Punjabi University Regional, Centre Bathinda	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Zoology and Environmental Sciences	23	0.46
National	Department of Pharmaceutical Sciences and Drug Research	2	3.19
National	Geography	7	4.3
National	Department of Education, PURC, Bathinda	1	4.6
National	Economics	24	Nill
International	Zoology and Environmental Sciences	26	1.53
International	Statistics	14	1
International	Social work	2	6.1
International	Department of Pharmaceutical Sciences and Drug Research	84	3.1

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

Department	Number of Publication
Post Graduate Studies, Punjabi University Regional Centre, Bathinda	5
Pharmaceutical Sciences Drug Research	8
Guru Gobind Singh Department of Religious Studies	8
School of Management Studies	10
PURCITM	11
Electronics and Communication Engineering	12

Physics	12
Psychology	13
Mechanical Engineering	18
Sri Guru Granth Sahib Studies Department	19

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Graphene mixed nano-fluid as potential lubricant/coolant for turning purposes	Published	201911048594	27/11/2019

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Diabetes abolish cardioprotective effects of remote ischemic conditioning: evidences and possible mechanisms. J. Physiol. Biochem.	Tyagi S, Singh N, kaur Virdi J, Jaggi AS	J. Physiol. Biochem.	2019	Nill	Department of Pharmaceutical Sciences and Drug Research	18
Decoding the signature of molecular mechanism involved in mutation associated resistance to 1, 3-benzothiazin -4-ones (Btzs)	Verma H, Choudhary S, Singh PK, Kashyap A, Silakari O	Molecular Simulation	2019	3.2	Department of Pharmaceutical Sciences and Drug Research	3

Title	Authors	Journal	Year		Affiliation	
based DprE1 inhibitors using BTZ043 as a reference drug						
Caveolin-1 as a critical component in the pathogenesis of lung fibrosis of different etiology: Evidences and mechanisms.	Kulshrestha R, Singh H, Pandey A, Mehta A, Bhardwaj S, Jaggi AS	Exp. Mol. Pathol.	2019	4.3	Department of Pharmaceutical Sciences and Drug Research	3
Ichthyofaunal Diversity of RanjitSagar Wetland situated in the NorthwesternHiamalayas.	Onkar Singh Brraich, and Sunil Kumar Saini	European Journal of Environmental Sciences	2019	Nill	Dept. of Zoology and Environmental Sciences, Punjabi University, Patiala.	Nill
Ameliorative effect of phosphodiesterase-5 inhibitor in rat model of vascular dementia	Bhatia P, Singh N.	Curr. Neurovascular Res	2019	2.9	Department of Pharmaceutical Sciences and Drug Research	4
Assessment of shelf-life of Gymnema sylvestre extract through WHO recommended stability study involving	Kaur J, Kaur H, Bansal G	Nat. prod. Res	2019	3.7	Department of Pharmaceutical Sciences and Drug Research	1

chromatogr aphic and biological activity analyses						
Dual role of D-amino acid oxidase in experiment al pain models	Sharma J, Kulshre stha R, Singh N, Jaggi AS	Eur J Pharmacol	2019	5.8	Department of Pharmac eutical Sciences and Drug Research	3
Effect of Chronic Continuous Normobaric Hypoxia on Functional State of Cardiac Mi tochondria and Tolerance of Isolated Rat Heart to Ischemia and Reperf usion: Role of ? and ? 2 Opioid Receptors	Prokudina ES, Naryzhnaya NV, Mukhom edzyanov AV, Gorbunov AS, Zhang Y, Jaggi AS, Tsibul nikov SY, Nesterov EA, Lishmanov YB, Suleiman MS, Oeltgen PR	Physiol. res.	2019	2.219	Department of Pharmac eutical Sciences and Drug Research	5
Effects of resvera trol postc onditionin g on cerebral ischemia in mice: role of the sirtuin-1 pathway.	Grewal AK, Singh N, Singh TG	Can. J. Physiol. Pharmacol	2019	2.19	Department of Pharmac eutical Sciences and Drug Research	7
hCES1 and hCES2 mediated activation of epalres tat-antiox idant mutual prodrugs: Unwinding	Choudhary S, Silakari O	.J. Mol. Graph. Model	2019	3.9	Department of Pharmac eutical Sciences and Drug Research	8

the hydrolytic mechanism using in silico approaches						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Ichthyofaunal Diversity of RanjitSagar Wetland situated in the NorthwesternHiamalayas.	Onkar Singh Brraich, and Sunil Kumar Saini	European Journal of Environmental Sciences	2019	Nill	Nill	Dept. of Zoology and Environmental Sciences, Punjabi University, Patiala.
Establishment of a new genus Parvispina for an undescribedLithosiinispeciesof Asura/ Miltochrista generic complex (Lepidoptera: Erebidae:Arctiinae).	Navneet Singh , Jagbir Singh Kirti and Harvinder Singh Datta	Zootaxa	2019	Nill	2	Zoological Survey of India, M—Block, New Alipore, Kolkata, West Bengal, India. 2 Department of Zoology Environmental Sciences, Punjabi University, Patiala, Punjab, India.
Differential preference for oviposition-A potential indicator of antixenosis in maize genotypes against Se	JaswinderKaur, Jagbir Singh, Suby SB Pradyumn Kumar	Indian Journal of Experimental Biology	2019	Nill	Nill	ICAR-Indian Institute of Maize Research, Pusa Campus, New Delhi-110 012, India 2.Department of

Title	Authors	Journal	Year			Institution
samiainferens (Walker).						Zoology and Environmental Sciences, Punjabi University, Patiala-147002, Punjab, India
Taxonomic Studies On Two Species Of Genus Calyptra Ochsenheimer(Lepidoptera: Noctuidae) From Kashmir	Mudasir A., Dr. Jagbir Singh, Kriti	Journal of Entomology and Zoology Studies	2019	Nill	Nill	Department Of Zoology Environment Sciences, Punjabi University, Patiala,Punjab, India 2. Division ofEntomology, SKUAST-KShalimar JK, India
A review of the genus Dolgoma Moore from India, with notes on the genus taxonomy and descriptions of a new genus, four new species and a new subspecies (Lepidoptera, Erebidae, Arctiinae, Lithosiini)	Navneet Singh,Jagbir Singh, Kirti, Harvinder Singh Datta, Rahul Joshi and Anton V.Volynkin	Zootaxa	2019	Nill	1	Zoological Survey of India, M—Block, New Alipore, Kolkata, West Bengal, India. 2.Department of Zoology Environmental Sciences, Punjabi University, Patiala, Punjab, India 3. Zoological Survey of India, Gangetic Plains Regional Centre, Sector-8, BH
On the	Navneet	Zootaxa	2019	Nill	1	

taxonomy of the genus NeadeloidesKlima, 1939 (Crambidae: Pyraustinae) with description of a new species from India.	Singh, Jagbir Singh Kirti, Kailash Chandra, Harsimran Singh and Rahul Ranjan					Zoological Survey of India, M—Block, New Alipore, Kolkata, West Bengal, India. 2 Department of Zoology Environmental Sciences, Punjabi University, Patiala, Punjab, India.
Two new genera for the Botyodes species complex (Lepidoptera:Pyraloidea: Crambidae).	Navneet Singh, Jagbir Singh Kirti, Harsimran Singh and Rahul Ranjan	Zootaxa	2019	Nill	Nill	Zoological Survey of India, M—Block, New Alipore, Kolkata, West Bengal, India. 2 Department of Zoology Environmental Sciences, Punjabi University, Patiala, Punjab, India.
A new species of the genus Toccolosida Walker, 1863 from India (Lepidoptera: Pyralidae: Pyralinae).	Navneet Singh, Kailash Chandra , Jagbir Singh Kirti and Rahul Ranjan	Zootaxa	2019	Nill	1	Zoological Survey of India, M—Block, New Alipore, Kolkata, West Bengal, India. 2 Department of Zoology Environmental Sciences,

						Punjabi University, Patiala, Punjab, India.
Cytogenetic report on Cordulegasterbrevistigma and Watanabeopetalia atkinsoni (Odonata: Cordulegastridae, Chlorogomphidae), with brief review of size of X element in the allied families Cordulegastridae, Corduliidae and Macromiidae.	Gurinder Kaur Walia and Sarabjit Singh Chahal	Odonatologica	2019	Nill	1	Dept. of Zoology and Environmental Sciences, Punjabi University, Patiala.
Succession study on forensically important coleoptera from India: a preliminary study and its forensic implications.	Neha Singh and MadhuBala	Egyptian Journal of Forensic Sciences	2019	Nill	Nill	Dept. of Zoology and Environmental Sciences, Punjabi University, Patiala.

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	149	413	84	33
Presented papers	173	222	42	18
Resource persons	65	108	46	25

[View File](#)

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Pharmacy (OS)	Nill	Ambrosia Food Farm Co, Uttarakhand	170000
Physical Education Department	Gym	Nill	251000
Economics	Six studies for 6th Pay Commission of Punjab	6th Pay Commission of Punjab	2000000
Civil Engg.	Mukh Mantri Pendu Vikas Yojna	Panchyati Raj Department	721661
Physiotherapy	Physiotherapy OPD	Nill	854260
Biotechnology	Bioengineered aqueous dispersible turmeric derived formulations	Bara BioFoods Pvt. Ltd., Mohali	3700000
Biotechnology	A Bioengineered Aqueous Dispersible formulation derived from kinnow processing wastes as poultry feed supplement	Juggernaut Hospitality Services, Pune	7500000
Resarch Center for Technical Development of Punjabi Language, Literature and Culture	Code Mixed Query Search Software	Punjab Police	700000
Resarch Center for Technical Development of Punjabi Language, Literature and Culture	Conduct Type Test	Punjab Public Service Commission, Patiala	471912
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

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

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Akali Phoola Singh Neighbourhood Campus, Dehla Seehan	NSS	5	50
HAR SANS SWACH	ASSOCHAM	6	59
Rally on Paddy straw burning	Punjab Pollution Control Board, Punjab	300	4645
Blood Donation by National Service Scheme (NSS)	Blood bank, Rajindra Hospita, Patiala	10	666
NSS camp	NSS deptt, Punjabi University, Patiala and MGC, Fatehgarh Sahib	2	100
Anti Drug Awareness Preventation	STF Punjab	6	50
Plastic waste Mukat Bharat Abhyan	NSS deptt, Punjabi University, Patiala	1	50
Importance of yoga during covid-19 Pandemic (Expert talk)	Department of Post Graduate Studies, Punjabi University Regional Centre, Bathinda, Department (Online)	2	200
Stubble Burning Awarenes Drive	State Govt.	2	70
Road Safety awareness camp	Social Work Department and NSS Punjabi University Patiala	1	13
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 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
buddy program	Praman Patra by State Govt for services under the anti-drug awareness program	Punjab State Govt.	Nill
Drug addiction awareness programme	buddy program	Punjab State Govt.	Nill
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Abhiyan	Department of Biotechnology and NSS, Punjabi University, Patiala	Swachh Bharat Abhiyan	5	80
Buddy Programme	Govt. of Punjab	Drug addiction awareness programme	1	29
Anti Drug Awareness Preventation BUDDY AND DAPO Programme	STF, Punjab District Social Security Office	Training Lecture Scheme	6	40
Ek Bharat Shreshtha Bharat	Punjabi University, Patiala, Punjab in collaboration with Yogi Vemanna University, Andhra Pradesh, July 25, 2020	Poster Competition	Nill	60
Ek Bharat Shreshtha Bharat	Punjabi University, Patiala, Punjab in collaboration with Yogi Vemanna University, Andhra Pradesh, July 10, 2020	Webinar on "Breast Cancer in General and Tumour Suppressor p53 in Specific" Dr Harish Chander, Divisional Head, NIB, NOIDA	35	40
INTERNATIONAL WOMEN DAY 6 Mar 2020	WOMEN STUDY CENTRE, PUP	PLAY PERFORMANCE ON GENDER ISSUE :LOUD MUTE	1	24
NSS	Punjabi University, Patiala	Swachh Bharat	2	124
NSS	Pbi. Uni. Akali Phoola Singh Neighbourhood Campus, Dehla Seehan	Swatch Bharat	5	45

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	India and Australia	Self funded	Nill

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Workshop	BMTBR-2019	M.G. College, Chitakara University, Punjab University	10/10/2019	12/10/2019	20
Online summer internship training	ILS-2020	Department of Biotechnology, M.G. College, Fatehgarh Sahib	08/06/2020	06/07/2020	20
Demonstration of Instruments	Visit and Training	Multani Mal Modi College, Patiala.	19/09/2019	Nill	30

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Punjabi Bhawan Toronto Canada	16/03/2020	Improving socio-cultural relations and strengthening unity and solidarity.	Nill
Pashan ventures (Centre for Advance Media Studies)	01/04/2019	Marketing strategies and designing	4

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIBSYS	Fully	7.0	1990

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	167954	23864077	3497	1034575	171451	24898652
Reference Books	22895	3987007	53	60734	22948	4047741
e-Books	1834	1380	Nill	Nill	1834	1380
Journals	789	68350	Nill	Nill	789	68350
e-Journals	51	75346	Nill	Nill	51	75346
Digital Database	142	10000	Nill	Nill	142	10000
CD & Video	137	2018	Nill	Nill	137	2018
Library Automation	Nill	Nill	1	34400	1	34400
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(s	359	15000	Nill	Nill	359	15000

pecify)

No file uploaded.

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Mandeep Kaur	Counselling Overview: Concept, Characteristics, Goals, Principles Areas	SWAYAM	Nill
Dr. Mandeep Kaur	Counselling Ethics	SWAYAM	Nill
Dr. Vidhu Mohan	Training Of Counsellors	SWAYAM	Nill
Dr. Kamalpreet Kaur	Stages In Counselling: Rapport Building	SWAYAM	Nill
Dr. Kamalpreet Kaur	Stages In Counselling: Assessing Client Problems	SWAYAM	Nill
Dr. Mandeep Kaur	Stages In Counselling: Goal Setting	SWAYAM	Nill
Dr. Mandeep Kaur	Stages In Counselling: Intervention and Strategies	SWAYAM	Nill
Dr. Mandeep Kaur	Stages In Counselling: Termination and Follow-Up	SWAYAM	Nill
Dr. Kamalpreet Kaur	Skills Related To Listening	SWAYAM	Nill
Dr. Vidhu Mohan	Counselling Skills- Empathy	SWAYAM	Nill
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	2340	163	1752	87	13	71	38	0	48
Added	119	2	3	0	0	4	0	0	2

Total	2459	165	1755	87	13	75	38	0	50

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

155 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
E-Learning Content/Lectures	http://www.punjabiuniversity.ac.in/pages/Page.aspx?dsenc=elearning#video

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
8937	4634	1216	668

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

Sports Activities: The facilities of Sports and Physical Education are of high standard enabling the students to excel at the national and international level. It is because of these facilities that during the previous years, Punjabi University has won the prestigious MAKA Trophy for many times. The Main University Library (Bhai Kahn Singh Nabha Library): Latest books are added regularly every year. The library is kept open for 360 days of the year from 8.15 a.m. to 8.15 p.m. every day. The library has a majestic reading hall, which has a capacity for 400 readers where they can sit and consult reference books and other relevant literature. Special reading rooms have been made available for students who wish to work in calm and comfortable surroundings. The library is actively participating in the INFLIBNET programme. The Library has an Advisory Committee for the improvement in services and infrastructure and allocation of funds. The committee frames regulations for the use of the Library, scrutinises the annual budget, estimates of the Library, allocates funds for the purchase of books and periodicals related to different subjects against the sanctioned grants and makes recommendations there on to the Vice-Chancellor. Librarian is always available for the users, collects their feedback both in written form, and made in person. The staff employed in Reference Section of the library also collect feedback. The feedback is analysed and the services are improved accordingly. University Computer Centre (UCC) is taken as centralised resource facilitator for computerization with an aim to cater to the needs of the entire University. The principal objective of UCC is to provide readily available facilities of computer milieu to students, research scholars and teachers of the University. Its associated objective is also to automate administrative and secretarial wings of the University. The University has a definite policy related to subscription of internet bandwidth form ISP, campus-wide networking, website management, annual maintenance/ service contracts, purchase of IT related equipment, staff training, conducting viva-voce for registration/ final submission viva-voce of research scholars and checking upon bandwidth abuse/ e-Waste Management. Budget provision in common pool is separately available for the teaching and non-teaching departments/ branches that can be used after seeking the permission of the authorities. For supervision and maintenance of a large number of buildings and the campus

spreading over 312 acres of land with so many classrooms and laboratories, there is a Construction Wing Department in the University. On annual basis, Annual Maintenance and Repair Estimate is determined. For all this, the sanction of the concerned University authorities is mandatory. The Construction wing of the University headed by the Executive Engineer ensures the maintenance of the buildings, roads and all the supporting facilities provided at the campus. The maintenance of the buildings, civil works, electrical wiring system, internal water supply system, sewerage disposal system and the repair and carpeting of all the roads is regularly done by the office of the executive engineer. The University spends a massive budget on maintenance, landscaping and horticulture related activities.

http://www.punjabiuniversity.ac.in

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	FILE ATTACHED	1091	17688868
Financial Support from Other Sources			
a) National	FILE ATTACHED	1398	41601400
b)International	FILE ATTACHED	17	50000
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
One Day Workshop on Clinical Hypnotherapy for Lifetyle Stress Management	02/04/2020	27	Self financed
Three day Classical Music Workshop for students of Music Vocal and Music Instrumental in dept of music , PUP during 20 to 23 Janurary 2020 conducted by Sh Baldev Raj Verma (New Delhi) and Sabyasachi Sarkhel from Vishav Bhart University, Shanti Ni	20/01/2020	101	Department of Music
Two day Prof. Tara Singh Patiala Sangeet Sammelan	23/01/2020	101	Department of Music

was organized by the dept of Muisc, PUP , Performances by Sh. Sabyasachi Sarkhel from (Bengal), Sh. Baldev Raj Verma from (Delhi) and Shivani Mirajkar from (Dharwad)				
		[View File](#)		

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	IAS/PCS	207	Nill	Nill	Nill
2019	GPAT	10	25	10	9
2019	GATE	Nill	Nill	Nill	Nill
2019	CBS	Nill	Nill	Nill	Nill
2019	UGC/NET	109	106	17	6
2019	Campus Placement	104	124	8	58
2019	NET, P.hd & M.Phil. Entrance Test	Nill	Nill	Nill	Nill
2019	Cooperative Inspector	Nill	Nill	Nill	Nill
2019	Industrial Academia Linkage	Nill	Nill	Nill	Nill
2019	Career Counselling	89	76	15	8
		[View File](#)			

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	32

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof	Number of	Number of	Nameof	Number of	Number of

organizations visited	students participated	stduents placed	organizations visited	students participated	stduents placed
78	796	696	34	135	86

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	12	M.Sc.	Zoology & Env. Sciences	In the department and other Institutions	Ph.D.
2020	40	B.TECH	Dept. of Civil Engineering	Punjabi University Patiala	Students goes abroad for higher studies
2020	17	LL.B LL.M	Law	Law Campus	LL.M, Ph.D
2020	17	B.A.(Hons.) Social Sciences	School of Social Sciences	Punjabi University Patiala	M.A., MBA and PG Diploma
2020	1	B.Tech.	Mechanical Engg.	Indian Institute of Governance and Leadership	Post Graduate Diploma in Governance and Government studies
2020	1	B.Tech.	Mechanical Engg.	Mata Gujri College, Fatehgarh Sahib	MBA
2020	1	B.Tech.	Mechanical Engg.	National Institute of Electronics & Information Technology (NIELIT),Chandigarh National Institute of Electronics & Information Technology (NIELIT),Chandigarh	O level Computer Course
2020	30	B.Ed. & M.Ed.	Education Department,	(Department of Education,	Post Graduation, M.Phil.

				Punjabi University Regional Centre, Bathinda) Punjabi University, Patiala	
2020	42	B.A/ B.Com/ B.Sc	Various Colleges affiliated with different Universities	Library & Inforamtion Science, Punjabi University Patiala.	BLISc
Nill	30	BLISc	Different Colleges and Universities	Library & Inforamtion Science, Punjabi University Patiala.	MLISc
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	125
GATE	24
Any Other	10
Any Other	25
Any Other	48
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
One day Educational-cum-Excursion tour to MRS Police Training College, Phillaur	Department	45
Sports Meet	Local	120
Cultural Activities-2	Local	120
Athletic Meet	Local	50
North Zone Hockey (Women) Championship, All India Inter University Softball (Women) Championship, All India Inter University Taekwondo (Men Women) Championship	North Zone, All India	2500
Six Youth Festivals, Inter Zone Festival	Zone,University	31200

Gur Purab, Essay Competition	State, National	150
Sports Day, Play on Drug Abuse, Community, Cultural Event Activity	Institute Level	224
Expert Lecture By Dr. VK Jadon, Expert Lecture, Farewell Party to B.Tech final year By Er. Shubham Ahluwalia, Crispolatieia Annual Technical-Cultural Test of UCoE	Department	1246
Inter Department Sports Meet, Inter House Sports Meet	Inter Department, Department Level	250
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	KIUG 50 M Compound Team	National	Nill	Nill	7123-18-274	Nikhil Parekh
2019	Track Asia Cup 2019, 4 KM Team Pursuit	International	Nill	Nill	717-17-812	Naman Kapil
2019	Asian Sepaktakraw Championship, Men Double Event	International	Nill	Nill	7183-16-291	Rishi
2019	KIUG 50 M Compound Team , AIIU 50 M Compound Team Indv	National	Nill	Nill	7140-16-133	Sukhminder Singh
2019	KIUG 50 M Comp, KIUG Mix Team 50 M Compound ound Team	National	Nill	Nill	716-16-1779	Preetinder Kaur
2019	KIUG 50 M Compound Team	National	Nill	Nill	717-15-893	Sarita Bhuiya

2019	AIIU 1500 MTR	National	Nill	Nill	2146-16-202	Harmilan Bains
2019	AIIU Shot Put	National	Nill	Nill	917-14-180	Prabhkir pal Singh
2019	Intra-Zonal	National	Nill	Nill	5111-17-1178	Nitesh Yadav
2019	Intra-Zonal	National	Nill	Nill	5111-2016-1453	Shubam

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

Due to some legal bindings on University, University has not formed any student council. But in most of the university committees, students are part of these committees and equally participate in decision making.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

University has registered alumni association. Moreover, University has also established various alumni chapters in various countries too.

5.4.2 – No. of registered Alumni:

2195

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

10000

5.4.4 – Meetings/activities organized by Alumni Association :

8th Alumni meet held on 23 Dec. 2019

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

1. University look after the academic activities of all departments coming under that faculty. To resolve the grievances of the students and affiliated colleges etc. University has appointed various Deans viz. Dean Academic Affairs, Dean Research, Dean Student Welfare, Dean College Development Council, Director IQAC, Director Placement Cell, Director Planning and Monitoring, Registrar etc for managing the different sections of the University for Better Management. The senior faculty members of the University are given these additional responsibilities for participating in the management of University affairs. 2. Each department has its own Academic Department Council for managing their departmental academic affairs. Decentralization is done at academic and extracurricular level. At Academic level, the decentralization occurs from Head to Class incharge for mentorship. The activities like class discussions, tutorial, clinical postings, case studies and seminars are encouraged to improve teaching and learning skills of students. At extracurricular level, Healing Hand Society of the Department plays an important role. The Healing Hand Society is involved in organizing various extracurricular activities. Thus, decentralization is very helpful in managing

things in the University in better way. This is participative management as well because maximum man force in University is involved in one or another way for managing the activities.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Industry Interaction / Collaboration	Students are taken on industrial trips for having a sense of the industrial environment as well as they have to complete an industrial training as a compulsory part of their curriculum
Library, ICT and Physical Infrastructure / Instrumentation	Sophisticated Instruments Centre: In this centre, rare expensive and High Computing instruments are kept for experimentation. This is a central facility in the University in which all departments are allowed use these instruments. All the instruments are being handled by the expert staff members to maintain quality of experimental data and maintenance of instruments is also taken care of by the expert staff. The regular necessary maintenance is being got done from the concerned companies from where the systems had been purchased. USIC: USIC look after the repairs of all the University Departments instruments, photo state machine and printers. In University, Centralized Library is there which is highly resourceful and ILMS is implemented in it. Rare books are available in the Library. At department level also, libraries are established and functional. University has very rich physical infrastructure including playgrounds, sports complex, stadiums, Auditorium, Open Air Theater, Kala Bhawan, Science Auditorium, parks etc. University has excellent ICT facilities. University is fully Wi-Fi enabled. ICT facilities are centralized managed by University Computer Centre. In all the department classrooms, ICT facilities are there viz. Projectors etc.
Research and Development	Faculty has undertaken various research projects from UGC and MoIT. Faculty is always encouraged to publish research papers in SCI indexed, Web of Science, SCOPUS or UGC refereed

	journals only. The faculty members are encouraged to submit research proposals to various funding agencies and generate IPR for their research work. The students are encouraged to publish the outcome in Peer Reviewed Journals. For Faculty Members, some Scientific Laboratories have been established For Research Scholars, some Expert Talks, Annual Seminars have been conducted Collaboration with National and International Research Groups. Entrepreneurship, Innovation, Career Hub centre has been established for promoting innovation, Entrepreneurship, Start Ups, Incubation culture. During COVID-19, Labs were closed. But experiments were performed on the virtual labs. Some faculty members performed experiments in the lab, made videos and sent to the students. Afterwards discussions were made about the experiments. Most of the research scholars did their research on the simulators and made discussions with their supervisors in virtual mode. Inter-disciplinary research and high quality publications are emphasised. Students are kept well-informed about the new and emerging technologies and are encouraged to participate in the national and international seminars/conferences. International students encouraged to do research on international issues.
Examination and Evaluation	Examination and Evaluation system is totally in place. Examination System has been fully automated.
Teaching and Learning	Immediately after imposition of COVID-19 lockdown, Moodle platform was introduced for online teaching. In order to enhance the delivery of teaching methods, the faculty members are encouraged to adopt modern teaching and learning aids, viz. power point presentations, use of LCDs and videos, SWAYAM lectures, NPTEL lectures, Youtube lectures, and other online resources etc. In the wake of pandemic, the faculty members of the department have well prepared themselves and used various online resources and platforms (viz. Zoom, Freeconference calls, Google meet, Moodle etc.) Blended Teaching Process Use of ICT Tools . Department arranged academic tours and visit various religious places also.

	Department use Audio Video instruments to show them related documentary pictures of the students. Department tried to developed multi-disciplinary attitude of the students by arranging the expert of various disciplines to interact. Case study and problem-based methodology is relied upon to make theoretical concepts more clear. The majority of our students come from Punjabi medium background, so in order to solve their language based problems and other related needs teachers have been assigned tutorial classes. Case study and problem-based methodology is relied upon to make theoretical concepts more clear. The majority of our students come from Punjabi medium background, so in order to solve their language based problems and other related needs teachers have been assigned tutorial classes. Industry oriented teaching was introduced for the better learning of students at the Master level. e.g., students were trained in fruit processing at a specialized semi-commercial steam unit within the department. Faculty of the Department update their knowledge by attending Orientation Course, Refresher Course and various national and International seminar, symposium and conferences.
Curriculum Development	The University follows the system under which Under Graduate Post Graduate Board of Studies are democratically constituted. Every year, constituted Board of Studies discusses the curriculum by taking feedback from the stake holders (i.e. students), industry experts, experts and alumni and revise it as per market demand regarding employability. Emphasis is given on ICT based education. E-Learning module 'MOODLE' are recommended to use. Choice based Credit system has been included in the Curriculum. Curriculum is designed as per the benchmarks, standards, procedures and guidelines of regulatory bodies like AICTE and UGC. Curriculum is evaluated and updated from time to time on the basis of regular assessment and feedback of students, suggestions of faculty members, resource persons from industries, academic and research institutions and external experts. The syllabi are developed and finalized

E-governace area	Details

Admission of Students	Totally Online and centralized. Fair admission process.

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

E-governace area	Details
Planning and Development	Director, Planning and Monitoring is appointed by giving additional charge to one of the senior professors in the University. Seperate office has been established for DPM which looks after all research fundings etc.
Administration	All in place. Decentralized and Participative.
Finance and Accounts	All in place. Decentralized and Participative. Finance Officer is appointed by giving additional charge to one of the senior professors in the University. Seperate office has been established for Finance Officer which looks after all Finance related issues etc.
Student Admission and Support	Centralized Admission Cell is there under the control of Coordinator of this centre. Coordinator is appointed among one of the senior Professor in University as additional duty. For Student support, Dean Student Welfare is there among professors, Additional Charge is given
Examination	Controller of Examinations is there to manage Examination Branch

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr Balwinder Tiwana	An Analysis of Labour Chowks in Punjab	SAP-UGC	81995
2019	Dr Sarabjeet Singh	An Analysis of Labour Chowks in Punjab	SAP-UGC	81995
2019	Dr Jasdeep Singh Toor	An Analysis of Labour Chowks in Punjab	SAP-UGC	81995

2019	Dr Rupinder Kaur	An Analysis of Labour Chowks in Punjab	SAP-UGC	81995
2019	Dr Ravita	An Analysis of Labour Chowks in Punjab	SAP-UGC	81995

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Faculty Development Programme on "Internet of Things" by NITTTR, Chandigarh	Nill	23/09/2019	27/09/2019	80	Nill
2019	Faculty Development Programme on "Cyber Security and Forensics" by NITTTR, Chandigarh	Nill	09/12/2019	13/12/2021	80	Nill
2019	Short Term Course on Smart Materials and Nanotechnology	Nill	02/12/2019	06/12/2019	35	Nill
2020	One Day Workshop on Clinical Hypnotherapy for Lifetyle Stress Management	Nill	04/02/2020	04/02/2020	20	Nill
2019	Gender	Nill			42	Nill

			01/05/2019	07/05/2019		
Equality at Workplace: Legal and Psycho-Social Issues						
2020	Organised one week Faculty Development Programme	Nill	24/02/2020	28/02/2020	45	Nill

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher course, UGC-HRDC Punjabi University, Patiala	2	18/02/2020	29/02/2020	12
Online AICTE recognised FDP on Data Analytics using Python by NITTTR Chandigarh from	1	18/05/2020	22/05/2020	5
Online certificate course on remote sensing GIS Technology and Applications for University Teachers Government Officials by Indian Institute of Remote Sensing	3	13/06/2020	01/07/2020	19
Faculty Development Programme on "Cyber Security and Forensics" by NITTTR, Chandigarh	29	09/12/2019	13/12/2019	5
Faculty	30	23/09/2019	27/09/2019	5

Development Programme on "Internet of Things" by NITTTR, Chandigarh				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
As per University Calendar	As per University Calendar	As per University Calendar

6.4 – Financial Management and Resource Mobilization

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

University has mechanism for external audit. University conducts performance audit of the various departments. The University facilitates auditing of accounts of each project by the Punjab State Auditing officials posted at the campus. All the accounts are pre-audited and no expenditure is made without the approval of the Government Audit. Whenever any objections are raised by the audit team, these are addressed by the University immediately by giving appropriate reply. However, there have not been any major audit objections during the last five years.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	NIL
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6.4.3 – Total corpus fund generated

400275

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	CAG	Yes	Dean Faculty
Administrative	Yes	CAG	Yes	IQAC

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

Yes, conferment of autonomy is provided under the ordinance as per the University Act.

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

There is no PTA in University

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

University Computer Centre also imparts training on various Office Automation Tools especially Punjabi Automation Tools. This centre also offers PGDCA Course wherein 5 seats are reserved for University Employees. This centre also organizes training programmes for the University staff about computer knowledge MS EXCEL for data analysis, MS word, internet access etc.

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

All recommendation by Peer Team are conplied with.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
Nill	Nil	Nill	Nill	Nill	Nill
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International conference On"HOLISTIC HEALTH OF WOMEN: ISSUES AND CHALLENGES"	20/11/2019	21/11/2019	140	41

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

Percentage of power requirement of the University met by the renewable energy sources

University has a well laid out policy for E waste management and a specially constituted committee that looks into disposal of e-waste to implement e-Waste (Management and Handling) Rules at the University Level as per the standards laid down by the Punjab/ Centre Pollution Control Board. A sewage plant on the campus also helps in keeping the campus hygienic and clean.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill

Ramp/Rails	Yes	Nill
Braille Software/facilities	Yes	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	Nill
Special skill development for differently abled students	Yes	Nill
Any other similar facility	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	10	10	01/07/2019	19	Workshop on Culinary Skills Development and Entrepreneurship	Training of Rural Women in Culinary and Catering Management	60
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Handbook of Information 2019-20	01/06/2019	Handbook of Information is a summary of all courses running in different departments. in this Handbook we have provided all information for students like Academic Calendar, Admission Procedure and Rules, General Guidelines, Courses Summary, Departments, Seats, Fees and charges, Reservation policy, Refund policy, Scholarships, Teaching and Faculty member and Deans, contact nos of department and Authorities, Entrance

			Test information and Syllabus, List of Fake Universities Notifications and format of Certification etc.
syllabus and Ordinance	10/10/2020		Syllabus and Ordinance of all classes session available in university website and printed form . These act as rule book of examination system for declaring result

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Weekly sessions of Heartfulness	Nil	Nil	Nil
Regular Field visits and Counseling Support to institutions such as Old age homes, Navjeevani- School for mentally retarded children, Drug de addiction centres, Police training.	Nil	Nil	Nil

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

The campus is kept green with continuous addition of plants. University has a well laid out policy for E waste management and a specially constituted committee that looks into disposal of e-waste to implement e-Waste (Management and Handling) Rules at the University Level as per the standards laid down by the Punjab/ Centre Pollution Control Board. A sewage plant on the campus also helps in keeping the campus hygienic and clean. University converted the working of whole university (Administration and Teaching) in virtual mode. For teaching, capacity building programmes were conducted by the team for guiding them about using Online Teaching tools and using Moodle, Learning Management System for the management of online teaching. Moodle was setup at local server established in the University by this team at Zero cost and was managed well by their own. All the meetings including Finance Committee, Syndicate, Faculty meetings, Board of Studies meetings etc were all conducted online using free software. All file movements within and outside University were through Online mode. In nutshell, University never stopped working during COVID-19 Pandemic too.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Quality is the hallmark of any higher education institution. Benchmarking of certain practices related to various stakeholders create standardization, which ensure quality. Punjabi University, since its inception, has always set new benchmarks. Such practices set benchmarks that create a measure for self-improvement and are institutionalized and also some new ones introduced during

the period are as given below: Orientation of new students: Most departments conduct structured orientation programs for the new students. This is aimed at helping students deal with the new environment in a more productive manner. Mandatory attendance and continuous evaluation: Records are maintained for students' attendance and a mandatory attendance system is followed strictly with a system of continuous evaluation spread evenly over the semester. Mentoring program: Teaching departments help in grooming of the students through mentoring programs, where faculty members act as mentors and can be approached by students for any support/ guidance. Placement Assistance: The university has a robust central placement cell in place. This cell facilitates campus placemats, both final and internship. There is a network of departmental coordinators working along with the cell. This ensures a large number of students getting placed. Counselling of students: A Student Counseling Center has been created where help is available for students round the clock. A student counsellor is available who deals with all matters where any counselling is required. From time to time, other faculty members are involved in the center. During the lockdown/ pandemic, the center initiated helplines where students could call and seek help. Alumni Relations: Alumni Cell at the central level and departmental efforts help in maintaining warm relations with alumni spread around the world.

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

http://www.punjabiuniversity.ac.in/pages/Page.aspx?dsenc=elearning

7.3 – Institutional Distinctiveness

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

Punjabi University Patiala as an organization is dedicated to the multifaceted development of Punjabi language, literature and culture. In terms of preserving and developing the good aspects of Punjabi language, literature and culture, the University has done exemplary work. In terms of technical development and computerization of Punjabi language, the University ranks first in India. In order to preserve the diversity of the Punjabi language under Language samples are collected through surveys. These samples are of both video and audio types saved by recordings. Department of Development of Punjabi Language is a multi-faculty department and is engaged in producing literature of high quality in form of text and general books of various disciplines. Preparation of Resource Material (Encyclopaedia, Subject Dictionaries, Technical Vocabulary etc.) Translation of World Classics into Punjabi and vice versa Preservation and Procreation of Folkloristic and Cultural heritage of Punjab Text Books for Under-graduate and Post-graduate courses in Punjabi Language General Books on Popularization of Science, computer and technology. Punjabi Literary Studies Department produces reference books on Punjabi Literature. These include glossaries, encyclopaedias, dictionaries, and books on History of Punjabi literature, Punjabi literary criticism, translations, and monographs on eminent scholars and writers. The Department also brings out a bi-annual research journal titled Khoj Patrika. The Department has made its mark in research in all fields of Punjabi literary genres like Poetry, Drama, Fiction, Biographies, Pen-sketches, and Travelogues. The Department has also engaged in editing of great scholarly work Punjabi University Research Center for Technical Development of Punjabi Language, Literature and Culture Punjabi Grammar Checker, Gurmukhi Text Summarization System, Gurmukhi Unicode Typing and Developed Gurmukhi OCR system software. The Punjabi Pedia Center of the University Created Punjabi Pedia on the lines of Wikipedia. It is prepared online in Gurmukhi script on which authentic material related to Punjabi language, literature and culture is searchable and found. Establishment of

First of its kind centre in North India – "Research Centre for Technology Development for Differently Abled Persons" in the Department of Computer Science, Punjabi University Patiala. Punjabi University Patiala is the World's First University which is developing working Machine Translation System for English to ISL Synthetic Animation Videos. Punjabi University Patiala is the Word's First University which is developing "Automatic Announcement System at Railway Stations for deaf people". Industry –Academia relationship established to develop market need software related to Natural Language Processing. Experiential and participative learning is the mainstay of the training provided to students with regular field visits to institutions such as Old age homes, Navjeevani-School for mentally retarded children, Drug de addiction centres, Police training centre -Phillaur, etc.

Provide the weblink of the institution
http://www.learnpunjabi.org

8.Future Plans of Actions for Next Academic Year

In Library a special online reference desk is going to be established SMS and email services for library users are in place-up Up gradation of the existing hardware and software is also being initiated. Research branch has commission project to develop software for online registration, annual progress and other related work of the research scholars. Online Registration Portal: In examination university is working on project to receive all admitted students under colleges/Departments register through online mode to get unique registration number. Registration is indexing of students examination data and first step of examination system. Online Registration portal will start for session 2019-20 for all newly admitted and old students. Online Revaluation: We will start online revaluation portal by which students viewed their result on university website and applied revaluation immediately by clicking on a button, if not satisfied with their result or want to revaluate. This will reduce time period, paperwork, effort work and error rate. Online Revaluation portal will give speedy revaluation result to students Dean Colleges The Dean College Development Council office is in the process of making available all forms, performs and notices online. Periodical inspections of 1/3rd colleges will be conducted which were stalled earlier. Surprise inspections in colleges will be conducted regularly to ensure biometric attendance. Sophisticated Instruments Centre • Upgradation of SEM by purchasing EDX detector and CPD to broaden the scope of SEM analysis. • SEM analysis will be made available to the researcher from other institutes. • Purchasing of advanced analytical instrumentation like TEM, NMR, LC-MS etc. • Conduct of workshops and seminars to interact with the students and provide them an insight of the available research facilities. Research Centre for Technical Development of Punjabi Language, Literature and Culture • evolve technical solutions for Punjabi • participate in standardization efforts in Punjabi • promote and assist in content development for Punjabi • conduct research in the socio linguistic and cultural aspects of Punjab. Meeting Section 1. From next academic year session 2020-21 B.Com LLB. (Five Year Integrated course) in under graduate courses in Faculty of Laws being started. 2. Near about 20 new diplomas courses stated form Academic Year (Session 2019-202020-21) 3. Approximately 1200 courses/syllabuses uploaded on university website(www.punjabiuniversity. ac.in) and many more courses/syllabus would be uploaded in next academic session 2020-21. 4. For next academic session 2020-21 Chinese course (optional subject) in Bachelor of Arts (Three Year Course) on university affiliated colleges has been started. College students opt this subject as optional subject. 5. As per the SWAYAM credit transfer Framework notified by the UGC vide Regulating of July 2016, Punjabi university, Patiala Meeting Branch has already taken initial steps towards SWAYAM online courses. In next academic session 2020-21 new courses will be started through SWAYAM Framework and also credit transfer could be permitted by the university. 6. It is hereby informed that as per university norms

concerned board of studies and concerned faculties normally recommended and approve the syllabi of Under Graduate courses for Three Sessions/examinations as well as Post