



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		ETERNAL UNIVERSITY, BARU SAHIB
Name of the head of the Institution		Dr. Davinder Singh
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01799-276012
Mobile no.		9816400503
Registered Email		contact@eternaluniversity.edu.in
Alternate Email		additionalregistrareu@etermanluniversit y.edu.in
Address		Eternal University Baru Sahib, Via- Rajgarh, District- Sirmour (H.P.)-173101
City/Town		Baru Sahib, Via Rajgarh
State/UT		Himachal pradesh

IQAC		
Regular meeting of Internal Quality Assurance Cell (IQAC)	24-Sep-2019 2	17
Regular meeting of Internal Quality Assurance Cell (IQAC)	18-Sep-2019 2	16
Regular meeting of Internal Quality Assurance Cell (IQAC)	03-Mar-2020 2	16
Regular meeting of Internal Quality Assurance Cell (IQAC)	18-Dec-2020 2	16
Feedback from all stakeholder Students, collected, analyzed and used for improvements	30-Jun-2020 1	50
Feedback from all stakeholder Teachers, collected, analyzed and used for improvements	30-Jun-2020 1	69
Feedback from all stakeholder Alumni, collected, analyzed and used for improvements	30-Jun-2020 1	39
Feedback from all stakeholder Parents, collected, analyzed and used for improvements	30-Jun-2020 1	42
Feedback from all stakeholder Employers, collected, analyzed and used for improvements	30-Jun-2020 1	29
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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
Eternal University	Scientific and Industrial Research Organization (SIROs)	Scientific and Industrial Research Organization (SIROs)	2018 1072	0
Eternal University	Minority Status to Eternal University By National Commission for Minority	National Commission for Minority Educational Institution GOI	2016 18250	0

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 :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

Yes

If yes, mention the amount

100000

Year

2019

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

o Revisions of rules for the reevaluation of Answer sheets. o Establishment of office of all Deans. o Revision of course on choicebased systems and Preparations of lecture schedule of all courses. o Rules for allotment of PG students their advisors. o Starting new programme in BBA in ACECM.

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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
Establishment of centralized instrumentation facilities for research of PG students.	Most of the laboratories for Agriculture students have been established all required equipment's. All students are free to use these facilities
Major emphasis will be given to student centered digital learning activities and faculty development through extensive use of ICT, MOOCs, SWYAM and other portals	Due to covid-19 Pandemic, the online teaching was encouraged through Google meet and the University server. The students were encouraged to enroll MOOCs and SWAYAM.

A counseling, competitive training and examination cell be established for development of soft skill and favorable placement opportunity of the students.	Due to Covid-19 pandemic such programmes could not be held
Curriculum revision	A large number of courses were revised as per the choice based credit system.
Encouraged and facilitated to attend conferences, seminars and workshops by the students and faculty	Before Covid-19 lockdown good number of students and faculty members attended the conferences and seminar, training and workshops
Online teaching to the students	The online teaching and timely examinations and declaration of results as per the calender was carried out.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Academic Council, Eternal University, Baru Sahib	15-Jun-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	21-Aug-2020
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2020
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Date of Submission	27-Jan-2020
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Enterprise resource planning (ERP) is business process management software that allows an organization to manage the business and automate many block offices functions related to technology, services and human resource. At Eternal University, we have implemented some of the ERP modules listed below. • Admissions • Library • Class attendance • Fee • ID cards • HR • Student information systems Some of the modules under
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development are • Hostel • Placements • Examinations • Store Management
Biometric attendance both in the morning as well as in the evening on all university working days is being recorded. For each college there is separate appliance for attendance.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	MSCH	Chemistry (CSE-544, CHEM-600)	06/08/2019
MSc	MSPHY	Physics (ETE-515, ETE-526, PHY-600, PHY-533)	06/08/2019
BSc	BSMA	(Hons.) Mathematics (MATH-122, MATH-213, MATH-214, MATH-221, MATH-225, MATH-324)	06/08/2019
MSc	MSMA	Mathematics (MATH-521, MATH-522, MATH-523, MATH-525, MATH-531, MATH-561, MATH-551)	06/08/2019
PhD or DPhil	PSMA	Mathematics (MATH-638)	06/08/2019
MSc	MSBT	Biotechnology (BT-508, BT-520, BT-521, BT-522)	22/11/2019
MSc(Agriculture)	MSAGN	Agronomy (AGRON-5 01, AGRON-502, AGRON- 502, AGRON-512, AGRON-504, AGRON-507, AGRON-506, AGRON-508, etc.)	12/12/2020
MSc(Agriculture)	MSGPB	Genetics Plant Breeding (STAT-51, G PB-511, GPB-512, GPB- 513, BT-501, GPB-598 , GPB-599, GPB-515, etc.)	12/12/2020
MSc(Agriculture)	MSENT	Entomology (ENT-5 01, ENT-502, ENT-503, ENT-504, STAT-501, E NT-598, ENT-599, ENT-	12/12/2020

		505, ENT-506, etc.)	
BSc	BSEC	(Hons.) Economics (ECON 102, ECON 103, ECON 203, ECON 204, ECON 205, ECON 206, ECON 208, etc)	14/12/2019
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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
MSc	Chemistry (MSCH)	Nil	CHEM-529-Computational Chemistry Lab	06/08/2021
MSc	Physics (MSPHY)	Nil	PHY-533-Material Science (one credit of Lab)	06/08/2019
PhD or DPhil	Mathematics (PSMA)	Nil	MATH-638 (Numerical Techniques and its Application in differential equation)	06/08/2019
BA	Humanities (BAHU)	Nil	ENG-114, ENG-124, CSE-116, CSE-117, CSEL-108, CSE-216, CSE-316	01/08/2019
PhD or DPhil	CSE (PSCS)	Nil	Advanced Computer Network (CSE631)	06/08/2019
PhD or DPhil	ETE (PSET)	Nil	Advanced Antenna Theory (ETE616)	06/08/2019
PhD or DPhil	ETE (PSET)	Nil	Computational Field & Antenna Theory (ETE617)	06/08/2019
MPH	MPH	Nil	Health System Management (PH-511)	14/12/2019
MPH	MPH	Nil	Introduction to Health Programs and Evaluation (PH-514)	14/12/2019
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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
MSc	Mathematics (MATH-554)	06/08/2019
BSc	(Hons.) Mathematics (MATH-215, MATH-316, MATH-317, MATH-318, MATH-319, MATH-320, MATH-330, MATH-326, MATH-331, MATH-328, MATH-329)	06/08/2019
MSc	Chemistry (CHEM-518, CHEM-528)	06/08/2019
BSc	(Hons.) Economics (CSE-333, ECON-309)	14/12/2019
BCom	(Hons.) (BC-202, BC-304, BC-305, BC-311, BC-312)	14/12/2019
MBA	MBA (MBA-505, MBAM-513, MBAM-514, MBAH-512, MBAF-513, MBAH-516)	01/09/2020
PG Diploma	PG Diploma in Renewable Energy (PGDRE)	06/08/2019
MPH	PH-501, PH-503, PH-504, PH-505, PH-506, PH-507, PH-508, PH-509, PH-510, PH-511, PH-512, PH-513, PH-514, PH-515, PH-516, PH-517, PH-518	14/12/2019
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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
MSc	Chemistry (CHEM-518, CHEM-528)	06/08/2019
MBA	Marketing (MBAM-512, MBAM-513, MBAM- 514, MBAM- 515, MBAM-516)	01/09/2020
MBA	Finance (MBAF-512, MBAF-513, MBAF-514, MBAF-515, MBAF- 516)	01/09/2020
MBA	Human Resource (MBAH-512, MBAH-513, MBAH-514, MBAH-515, MBAH-516)	01/09/2020
PhD or DPhil	Economics (ECON 601, ECON 602, ECON 603, ECON 604 , ECON 605, ECON 606, ECON 608)	02/08/2020
MPH	MPH (PH-511, PH-512,	14/12/2019

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
Aurdino	03/03/2020	Nil
Linux BASH	03/03/2020	Nil
Biophotonics	03/03/2020	Nil
All MBA Courses	01/09/2020	5
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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
BCom	(Hons.) Students completed their internships	31
BCom	(Hons.) Commerce	31
BTech	CSE (Students have completed 6 month industrial training)	39
BSc(Agriculture)	(Hons.) Rural Agriculture Work Experience (RAWE) Program	55
BSc Nursing	(All batches) Effectiveness of Sleep Hygiene Program on Sleep Hygiene and Stress Level	250
BSc Nursing	Awareness Regarding Psychological First Aid	150
BSc Nursing	Video assisted teaching on cannabis abuse	60
BSc Nursing	Awareness regarding Nosocomial infection	72
BSc Nursing	Rural Community area posting (Chunnar, Jabiyana) - Family Health survey	58
BSc Nursing	Urban area posting (Rajgarh) - Family Health survey	58
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes

Alumni	Yes
Parents	Yes

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

Feedback Obtained

Nearly 42 questions were asked from 50 students studying in the university. Most of the students showed satisfaction in teaching online, as the classes were regular and in time as per the time table, However the online practical were not liked by them. Students also showed their likeness in online mode as Examination conducted online using MCQs mode. Re-examination in case of failure of the internet services on either side was also liked by the students. Students are happy as far as the library facilities, the books availability, and space for sitting and congenial atmosphere is concerned. They showed satisfaction over the on time conduct of examinations as per the academic calendar. They expressed gratification over the Administration functioning and shopping centre facilities, Wi-Fi connectivity, food and drinking water facilities in the hostel are concerned. Faculty showed satisfaction as far as course programs, reference materials, availability of books, infrastructure available, freedom of speech, research facilities, support for attending conferences, seminars, workshops etc. The administration is supportive and friendly. The faculty showed reservation over the timely payment of salary, the annual increments, canteen facilities and recreation facilities. Moreover the faculty showed satisfaction regarding the online facility on the university server for teaching and practical training for the students. Parents of the wards showed satisfaction over the online learning and availability of internet connections at their homes. Parents did not show any reservation for the queries made. Employees of the out gone students of the University showed satisfaction over the students' communication skill, to face challenges in job, workmanship as a team, self-motivated, have leadership qualities. They have good relationship with their seniors, obedient to them, cooperative with the subordinates and get involved in social activities. The Alumni showed satisfaction over the faculty teaching, academic standards, campus placement opportunities as the University updates them on important issues.

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
PhD or DPhil	CSE	3	1	1
PhD or DPhil	ETE	2	1	1
Mtech	CSE	18	Nill	Nill
Mtech	ETE	18	Nill	Nill
BSc	IT	30	3	3
BTech	ICT	30	Nill	Nill
BTech	CSE Lateral/M igrated	12	Nill	Nill
BTech	ETE Lateral/M igrated	12	Nill	Nill
BTech	CSE	60	6	6

BTech	ETE	30	Nil	Nil
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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	294	133	Nil	Nil	139

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
139	139	387	10	14	4

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

[View File of E-resources and techniques used](#)

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

Akal College of Nursing: The college adopts Foster families system which provides an environment in which students can interact freely and share their concerns and problems with classmates, seniors and teachers, to bring about group cohesion among students of different batches, to reduce stress among the students, to support academically weak students and to promote leadership and creative abilities among students. Development of foster families with vertical distribution of students is being done so that all families will have students from all batches. Second year M.Sc. (Nursing) students will be the head of the family as foster mothers. Teacher in-charge of the family will act as shadow mother providing support and guidance as required. Number of students admitted in M.Sc. determines the number of families. The activities enforced to the foster family were, that foster parents must update the information pertaining to their respective students personal file folder and maintain confidentiality, identify and inform the management regarding any deviation in students' behaviour/attitude in academic or personal activities. Conduct 1:1 interaction with allotted students twice in a week and in case of any abnormality notes has to be informed to the higher authority as early as possible. Coordinate with class coordinator for further information if needed and in absence of foster parent the warden will be taking care of the students. Akal College of Agriculture: The college has adopted a system in which the students' numbers of 10-15 are allotted to a teacher as a mentor. The mentor will not change during the course of their degree. The student advisement manual has been designed for each student to be under the custody of the mentor. The personnel details of the students are being mentioned in this manual. It includes the academic record, extracurricular activities, hobbies etc. More important that the student has to get it signed from the parents, so that they know regarding the performance of their ward and her activities in the campus. The mentor reports is to be signed/ shown to the parents. The academic record helps the mentor know, which courses the student has not cleared yet. Rest of the colleges under the university: Each class in-charge is assigned the job to mentor the respective students. Whenever students are facing academic problems, mentors help them by all means. They continuously monitor, counsel, guide and motivate mentees in all academic affairs during their course of study. During last semester of each programme at UG PG level, students of final classes were helped in choosing courses and institutions for their higher studies. One- third of such students have secured admissions for their higher studies and they in turn have been helpful to guide juniors for their prospective admissions.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
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1215

131

1:9

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
185	139	46	43	80

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
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Nominated Expert on Governing Body of Directorate of Distance Education, Pondicherry University, Pondicherry,
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Awarded Professor HK Baruah Memorial Lecture Award 2020 Gauhati University, Gauhati
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	NAAC assessor 2018 onwards
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Key Note Speaker in one day International Webinar on "Ozone for Life", ANDNNM College Kanpur,
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Key Note Speaker in one day National Webinar on "National Education Policy 2020", Gobindgarh Public College, Alour, Khanna, Ludhiana
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Invited Lecture on "Perils of Pollution" during Webinar on The National Pollution Control Day, at Rayat Bahra University, Kharar, Punjab,
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Lecture in Refresher Course entitled "Either We

			Mitigate the Global Warming or It'll End Us" HRDC, Guru Nanak Dev University, Amritsar, Punjab,
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	Lecture in Refresher Course entitled "Potential of Microbial Photoautotrophs" HRDC, Punjabi University, Patiala, Punjab
2020	Dr. A.S. Ahluwalia	Pro-Vice Chancellor	8th Professor H K Baruah Memorial Award Lecture entitled, "Prospect of Photoautotrophic Microbes for Biofuel and Nutraceuticals" Department of Botany, Gauhati University, Gauhati,
2019	Dr. Neelam Kaur	Dean	Women empowerment award honoured at UK House of Commons. (Extraordinary work for the cause of education of underprivileged students and empowerment of women in Punjab, Haryana, Himachal Pradesh)
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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
BSc	BSMA	3rd Semester	20/12/2019	10/01/2020
BSc	BSMA	1st Semester	21/12/2019	05/02/2020
BSc	BSCH	5th Semester	21/12/2019	09/01/2020
BSc	BSCH	1st Semester	21/12/2019	11/01/2020
BSc	BPSY	5th Semester	20/12/2019	03/01/2020

BSc	BSPSY	3rd Semester	19/12/2019	03/01/2020
BSc	BSPSY	1st Semester	21/12/2019	05/02/2020
BA	BAHU	5th Semester	21/12/2019	29/01/2020
BA	BAHU	3rd Semester	21/12/2019	23/01/2020
BA	BAHU	1st Semester	21/12/2019	09/03/2020
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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
19	2502	0.76

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)

<https://www.eternaluniversity.edu.in/learningoutcomes.php>

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
BTFT	BTech	Food Tech.	20	20	100%
BSAG	BSc	Agriculture(Hons.)	55	55	100%
BSNM	BSc	Non-medical	3	3	100%
BSM	BSc	Medical	7	6	85.7%
BSPHY	BSc	Physics(Hons.)	1	1	100%
BSMIC	BSc	Microbiology(Hons.)	11	11	100%
BSMA	BSc	Mathematics(Hons.)	1	1	100%
BSCH	BSc	Chemistry(Hons.)	2	1	50%
BSPSY	BSc	Psychology	7	6	85.7%
BAHU	BA	Humanities	40	31	77.5%
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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://eternaluniversity.edu.in/docs/SSS-and-Feedback.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Nil	Nil	Nil	Nil
International	Nil	Nil	Nil	Nil
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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
JRF (Biotechnology)-02	1095	Department of Science and Technology Govt. of India
JRF (Biotechnology)-1	730	Science and Engineering Research Board, Department of Science and Technology Govt. of India
JRF (Zoology)- 2	1095	Department of Science and Technology Govt. of India
JRF (Botany)-01	1095	National Medicinal Plants Board, Govt. of India
Project Associate (Biotechnology)-2	730	DEST, Shimla, Himachal Pradesh
Project Associate (Physics)-1	730	HIMCOSTE, Shimla, Himachal Pradesh
Research Associate (Botany)-01	365	Council of Scientific Industrial Research, Govt. of India
Research Associates (Biotechnology)-1	365	Eternal University
University Fellowship (Mathematics)- 04	1095	Eternal University
University Fellowship (Physics)- 01	1095	Eternal University
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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
Minor Projects	730	Department of Environment, Science and Technology, Govt. of	8.2	3.25

		Himachal Pradesh		
Minor Projects	730	Department of Environment, Science and Technology, Govt. of Himachal Pradesh	8	4
Major Projects	730	SERB-DST, New Delhi	31.3	17.45
Major Projects	1095	Ministry of Food Processing Industries, Govt. of India	338.95	135.57
Major Projects	1095	Department of Biotechnology, Govt. of India	38.5	12.51
Major Projects	1095	National Medicinal Plants Board, Ministry of Ayush, Govt. of India	25.45	5.35
Minor Projects	365	NABARD	7.93	1.5
Major Projects	1095	DST, Govt of India	28.79	9
Major Projects	1095	DBT, Govt. of India	27.3	0
Major Projects	730	DBT, Govt. of India	20	0.2
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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
Importance of Intellectual Property Rights	IPR Cell	30/11/2019
BBA – Rural management program	Akal College of Economics, Commerce and Management	20/02/2020
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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
Cost effective and efficient	Department of Botany, Eternal University Baru	JIVO Wellness Pvt.Ltd.	13/11/2019	Institution

innovation protocol for production of carbonated wheatgrass Juice and Capsules	sahib			
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Eternal University Entrepreneur Innovation and Development Centre	Kalgidhar Trust, Baru sahib	JIVO Wellness Pvt.Ltd.	Beverages, Value addition in food products	19/09/2019

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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
Chemistry	2
Physics	2
Biotechnology	3
Music	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)
International	Genetics, Plant Breeding and Biotechnology	41	1.3
International	Food Technology	7	1.8
International	Centre for Public Health and Healthcare Administration	1	1.7
International	ETE	1	3.1
International	Botany	5	0.8
International	Chemistry	8	1.6
International	Biochemistry	2	0.9
International	Mathematics	10	0.3
International	Physics	3	2.9
International	Microbiology	5	1.4

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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
Nursing (Book Chapters)	2
Botany (Book Chapters)	2
Physics (Book Chapters)	2
Punjabi (Book Chapters)	4
Microbiology (Book Chapters)	5
Genetics, Plant Breeding and Biotechnology (Book Chapters)	67
Microbiology (Book)	1
Botany (Book)	1
Plant Pathology (Book)	1
Genetics, Plant Breeding and Biotechnology (Books)	17
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Saxena A.K., Padaria J.C., Gurjar G.T., Yadav A.N., Lone S.A., Tripathi M, MVS Rajawat, (2020). Insecticidal formulation of novel strain of Bacillus thuringiensis AK 47.	Published	340541	06/07/2020
Negi P., Konwar R.J., Kumar R., Dhaliwal K.S., Yadav A.N., Kumar S., Dhar S., Kumar S., Verma Y., Sharma A., Shailja, Kaur T. (2020) AN IMPROVED SOLAR DRYER AND ITS APPLICATION THEREOF	Filed	202011035818	20/08/2020
Sharma V, Dhaliwal H. S., Sharma N. (2020) METHOD OF ISOLATING COMPOUNDS FROM PLANT PHYSALIS ANGULATA (L.) AND THE COMPOUNDS THEREOF	Filed	202011035919	20/08/2020

Lal M., Kaur M., Shandilya M. (2020) IMPROVED PROCESS FOR THE SYNTHESIS OF ELECTROSPUN PURE ZnO NANOFIBERS AT LOW	Filed	202011051235	25/11/2020
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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
Alleviation of Drought Stress and Plant Growth Promotion by Pseudomonas libanensis EU-LWNA-33, a Drought-Adaptive Phosphorus-Solubilizing Bacterium.	Kour D, Rana KL, Sheikh I, Yadav AN, Kumar V, Dhaliwal HS, Saxena AK	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	2020	59	Eternal University	35
Endophytic microbes from diverse wheat genotypes and their potential biotechnological applications in plant growth promotion and nutrient uptake	Rana KL, Kour D, Kaur T, Sheikh I, Yadav AN, Kumar V, Suman A, Dhaliwal HS	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	2020	67	Eternal University	40
Microbial biofertilizers: Bioresources	Kour D, Rana KL, Yadav AN, Yadav N, Kumar M,	Biocatalysis and Agricultural Biotechnology	2019	74	Eternal University	50

and eco-friendly technologies for agricultural and environmental sustainability.	Kumar V, Vyas P, Dhaliwal HS, Saxena AK					
Endophytic Microbiomes: Biodiversity, Ecological Significance and Biotechnological Applications	Rana KL, Kour D, Yadav AN	Research Journal of Biotechnology	2019	84	Eternal University	56
Contribution of microbial phytases in improving plants growth and nutrition: A review	Singh B, Boukhris I, Pragya, Kumar V, Yadav AN, Farhat-Khemakhem A, Kumar A, Singh D, Blibech M, Chouayekh H, Alghamdi OA	Pedosphere	2020	28	Eternal University	19
Endophytic microbes: Biodiversity, plant growth-promoting mechanisms and potential applications for agricultural sustainability.	Rana KL, Kour D, Kaur T, Devi R, Yadav AN, Yadav N, Dhaliwal HS, Saxena AK	Antonie van Leeuwenhoek	2020	36	Eternal University	30
Biodiversity of psychrotrophic microbes and their	Yadav AN, Yadav N, Sachan SG, Saxena AK	Journal of Applied Biology and Biotechnology	2020	45	Eternal University	15

biotechnological applications.						
Amelioration of drought stress in Foxtail millet (<i>Setaria italica</i> L.) by P-solubilizing drought-tolerant microbes with multifarious plant growth promoting attributes .	Kour D, Rana KL, Kaur T, Yadav AN, Sheikh I, Kumar V, Dhaliwal HS, Saxena AK	Environmental Sustainability	2020	50	Eternal University	25
Seasonal variations in culturable archaea and their plant growth promoting attributes to predict their role in establishment of vegetation in Rann of Kutch.	Yadav AN, Gulati S, Sharma D, Singh RN, Rajawat MVS, Kumar R, Dey R, Pal KK, Kaushik R, Saxena AK	Biologia	2020	51	Eternal University	40
Microbe-mediated alleviation of drought stress and acquisition of phosphorus in great millet (<i>Sorghum bicolor</i> L.) by drought-adaptive and phosphorus-solub	Kour D, Rana KL, Kaur T, Sheikh I, Yadav AN, Kumar V, Dhaliwal HS, Saxena AK	Biocatalysis and Agricultural Biotechnology	2020	55	Eternal University	30

Utilizing
microbes

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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
Appraisal of diversity and functional attributes of thermotolerant wheat associated bacteria from the peninsular zone of India	Verma P., Yadav A.N., Khannam K.S., Mishra S., Kumar S., Saxena A.K., Suman A.	Saudi Journal of Biological Sciences	2019	Nil	15	Eternal University
Kinetic study of the biodegradation of acephate by indigenous soil bacterial isolates in the presence of humic acid and metal ions	Singh S., Kumar V., Singla S., Sharma M., Singh D.P., Prasad R., Thakur V.K., Singh J.	Biomolecules	2020	Nil	12	Eternal University
Hematite γ -Fe ₂ O ₃ induced magnetic and electrical behavior of NiFe ₂ O ₄ and CoFe ₂ O ₄ ferrite nanoparticles	Verma K.C., Goyal N., Singh M., Singh M., Kotnala R.K.	Results in Physics	2019	Nil	7	Eternal University
Pyrazole-4-carboxy	Bala R., Kumari P.,	Journal of Heteroc	2019	Nil	7	Eternal University

lic Acids from Vanadium-catalyzed Chemical Transformation of Pyrazole-4-carbaldehydes	Sood S., Phougat H., Kumar A., Singh K.	Cyclic Chemistry				
Structural features, modification, and functionalities of beta-glucan	Kaur R., Sharma M., Ji D., Xu M., Agyei D.	Fibers	2020	Nil	6	Eternal University
Microbial biofertilizers: Biorresources and eco-friendly technologies for agricultural and environmental sustainability	Kour D., Rana K.L., Yadav A.N., Yadav N., Kumar M., Kumar V., Vyas P., Dhaliwal H.S., Saxena A.K.	Biocatalysis and Agricultural Biotechnology	2020	Nil	6	Eternal University
Biodiversity of mycorrhizal microbial communities and their potential role in mitigation of abiotic stresses in plants	Kumar M., Kour D., Yadav A.N., Saxena R., Rai P.K., Jyoti A., Tomar R.S.	Biologia	2019	Nil	6	Eternal University
Modification of structural and magnetic properties of Co _{0.5} Ni _{0.5} Fe ₂ O ₄ nanoparticles	Kaur G.A., Shandilya M., Rana P., Thakur S., Uniyal P.	Nano-Structures and Nano-Objects	2020	Nil	6	Eternal University

embedded Polyvinylidene Fluoride nanofiber membrane via electrospinning method						
Microwave-assisted Vilsmeier-Haack synthesis of Pyrazole-4-carbaldehydes	Kumari P., Sood S., Kumar A., Singh K.	Journal of Heterocyclic Chemistry	2020	Nil	5	Eternal University
Convenient Vilsmeier-Haack Synthesis of Benzothiazolyl 4-Cyanopyrazoles	Bala R., Kumari P., Sood S., Kumar A., Singh K.	Organic Preparations and Procedures International	2019	Nil	5	Eternal University
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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	68	142	5	5
Presented papers	4	10	Nil	Nil
Resource persons	1	3	2	Nil
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(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
Health Assessment Screening Programme for Children	Anganwari canter at Neri naan Village, and Chunnar Village , HP	2	58
Oral Health Week	PHC Dimber and Nanu	4	70
School Health Programme	Govt. Primary school(Jabiyana), Govt. High School (Soda Dhayari), Govt. School (NeriNavan)	4	72
Multispeciality camp	Akal Charitable Hospital, Baru Sahib	16	270
Multispeciality camp	Akal Charitable Hospital, Baru Sahib	18	270
GUEST LECTURE SCHOOL HEALTH NURSE - By Ms. Gurleen Kaur	Government Model Sen. Sec. School, Nerwa, Government Model Sen. Sec. School, Rampur, Government Model Sen. Sec. School, Bagh	1	75
International Nursing Day 2020	Akal College of Nursing	21	240
Swachhta Pakhwada	Government Organization	40	180
Hands-on Workshop- cum-Training Program at Gram Panchayat: Mattal Bakhog, Block: Rajgarh, District: Sirmour (H.P.). Nearby 50 village people attended the workshop on	HIMCOSTE, Shimla	3	Nil

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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
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			Benefited
Education and Healthcare Services	The 10 most leading institutes in Nursing	The Knowledge Review Magazine	270
Women Empowerment	Excellence in School Education Award	Intelligent Mind Trust	140
Food Hygiene and Food safety	Merit Certificate	Confederation of Indian Industry, CII-Food Agriculture Centre of Excellence	69
National Science Day	Lifetime Achievement Award	National Medicine Plant Board	300
Consultation on cleanliness, sanitation and supply of potable water	Deendayal Upadhyay Panchayati Raj Shashaktikaran Puraskar	Ministry of Panchayati Raj Government of India	12
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
COVID-19 Awareness campaign	The Kalgidhar Trust-Baru Sahib and Akal College of Nursing	Health talks and Sessions "Educate yourself, Educate Community"	21	7
World's Largest Drug-Awareness Webinar' on June 26, 2020 on the occasion of 'International Day against Drug-Abuse and Illicit Trafficking'	Akal College of Health and Allied Sciences in collaboration with Akal Academy Akal Charitable Hospital and	Webinar was done live on YouTube.	37	10
COVID-19 awareness and screening campaign	The Kalgidhar Trust-Baru Sahib	Seminars, Lecture cum discussions, Screening	21	7
Cardiopulmonary and cerebral resuscitation (CPCR) program	The Kalgidhar Trust-Baru Sahib in collaboration with Medanta Hospital, New	Simulation and Demonstration over dummies	6	1800

	Delhi			
Drug Abuse and Illicit Trafficking	Akal Charitable Hospital, Baru Sahib	Rally, Seminar	4	2
Swachta Pakhwada	Government Organizations	Swachta and its Role in Human Health	5	30
Faculty Development Programme	AICTE	Student Induction	79	Null
Flow Cytometry Workshop	Trust for Education and Training in Cytometry	Basics of Flow Cytometry and its applications in Plant Biology	20	110
Workshop	MHRD	Introduction to BBA- Rural Management Program	14	40
Short Term Course	NITTTR Chandigarh	GPU programming using CUDA	14	Null
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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
Akal - Drexel Class	60	The Kalgidhar Trust Drexel University	30
Panel discussion on "Searching for Solutions: Diving into the Ripple Effects of Global Disruption"	20	The Kalgidhar Trust Drexel University	1
International Nursing Conference on" Collaborative Approach For Holistic Health Care"	560	The Kalgidhar Trust Drexel University	3
International Workshop on" Research Methodology"	350	The Kalgidhar Trust Drexel University	1
Research and Development - Psychotherapy at Akal Charitable Hospital	23	Self-funding	1

Research and Development - Group Therapy Akal Charitable Hospital	21	Self-funding	1
Research and Development - Meditation Techniques Akal Charitable Hospital	21	Self-funding	1
Research and Development - Occupational Therapy Akal Charitable Hospital	23	Self-funding	1
Research and Development - Breathwalk Akal Charitable Hospital	20	The Kalgidhar Trust and My HealthMy Choice Holistic Services, Canada	1
Research Activity "Prevalence of NCD" at Akal Charitable Hospital	2	Self-funding	1
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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
Internship	Recruitment and Selection process in AN H Institute , Chandigarh	AN H Institute , Chandigarh	01/07/2019	14/08/2019	1
Internship	Big Data Analysis	Forace Polymers (p) Ltd. Haridwar, Uttarakhand	01/07/2019	14/08/2019	1
Internship	Recruitment, selection and training process in A-Grain Pvt. Ltd,	A-Grain Pvt. Ltd, Ambala	01/07/2019	14/08/2019	1

	Ambala.				
Internship	Application of Marketing tools in marketing development with Special reference to Himachal Canning Unit (HIMCU), Rajgarh, Sirmour	Himachal Canning Unit (HIMCU), Rajgarh, Sirmour	01/07/2019	14/08/2019	1
Internship	Analysis of loan process and documentation under assets financing in Magma Fincorp at Ambala.	Assets financing in Magma Fincorp at Ambala	01/07/2019	14/08/2019	1
Internship	Role of performance appraisal system in an organisation	A H Software Solutions, EU, Baru Sahib	01/07/2019	14/08/2019	1
Internship	An application of budgeting system at Akal University, Talwandi Sahib Punjab.	Akal University, Talwandi Sahib Punjab	01/07/2019	14/08/2019	1
Internship	Application of Marketing tools in marketing development with Special reference to Himachal Canning Unit (HIMCU), Rajgarh, Sirmour	Himachal Canning Unit (HIMCU), Rajgarh, Sirmour	01/07/2019	14/08/2019	1
Internship	Role of big data in IBM, Noida	IBM, Noida	01/07/2019	14/08/2019	1
Internship		Akal	01/07/2019	14/08/2019	1

Application of budgeting system in Akal University, Talwandi Sabo

University, Talwandi Sabo

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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
VBRI	06/08/2019	To develop research and educational cooperation based on equality and reciprocity and to promote sustainable partnerships and mutual understanding	2
Poornima University	31/08/2019	To develop co-operation and promote mutual understanding and excellence in practice based education, research and knowledge exchange.	2
Mahatama Gandhi National Council of Rural Education, Shakkarbhavan, FatehMaidan Road, Basheerbagh, Hyderabad	22/02/2020	Responsibilities of MGNCRE . Providing the course curriculum developed by the institute. . Providing the online course content to the students and faculties of EU. .	2
Regional-cum-Facilitation Centre For Northern Region-I National Medicinal Plants Board, Ministry AYUSH, Govt. of India, Research Institute at ISM, Joginder Nagar, Mandi (HP)	28/02/2020	. Joint exploration and evaluation of aromatic and medicinal plants . Development of Nutraceutical, food and ayurvedic formulations	2

CCS Haryana Agriculture University, Hisar	06/07/2020	Exchange of faculty Exchange of students	2
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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
46	18.34

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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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
SARAL ERP	Partially	SARAL ERP	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	41378	12686638	190	70042	41568	12756680
Reference Books	3629	1088963	8	4600	3637	1093563
e-Books	100	Nil	Nil	Nil	100	Nil

Journals	23	28410	Nil	Nil	23	28410
e-Journals	49000	72216	Nil	Nil	49000	72216
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	340	7650	Nil	Nil	340	7650
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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. Anupama K.	HISTORICAL OVERVIEW OF PSYCHIATRIC CARE	http://182.74.60.213/acn/?redirect0	24/09/2020
Dr. Anupama K.	CURRENT ISSUES AND TRENDS IN CARE (SCOPE)	http://182.74.60.213/acn/?redirect0	25/09/2020
Dr. Anupama K.	CLASSIFICATION OF MENTAL DISORDERS	http://182.74.60.213/acn/?redirect0	28/09/2020
Dr. Anupama K.	MENTAL HEALTH LAWS/ACTS	http://182.74.60.213/acn/?redirect0	30/09/2020
Dr. Anupama K.	Biology of Behaviour	http://182.74.60.213/acn/?redirect0	05/09/2020
Dr. Anupama K.	RIGHTS OF THE PERSON HAVING MENTAL ILLNESS	http://182.74.60.213/acn/?redirect0	30/09/2020
Dr. Anupama K.	Contemporary practices in psychiatric nursing	http://182.74.60.213/acn/?redirect0	30/09/2021
Dr. Anupama K.	Mental Health and Mental Illness	http://182.74.60.213/acn/?redirect0	22/09/2020
Dr. Anupama K.	Standard of psychiatry nursing	http://182.74.60.213/acn/?redirect0	26/09/2020
Dr. Anupama K.	Restoring health and happiness through divinity and medical care	http://182.74.60.213/acn/?redirect0	21/09/2020
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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	330	10	1	1	1	3	2	35	0

Added	0	0	0	0	0	0	0	0	0
Total	330	10	1	1	1	3	2	35	0

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

35 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
ICT-LAB	https://www.youtube.com/watch?v=TqXs6Kyul3U

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
86.02	61.63	2	3.31

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)

The University ensures that the infrastructure requirements as specified by the Himachal Pradesh Private Educational Institutions Regulatory Commission, UGC or any other Academic Body/Committee be up to the mark and satisfactory.

The Kalgidhar Society is the parent body of the University with all the facilities and infrastructure sufficient to be outsourced. The University has outsourced the maintenance of physical, infrastructural and support facilities to the Kalgidhar Society through a MoU. The Society maintains the Electricity services, Civil maintenance, Housekeeping, Transportation, Health services, Water supply, Security of the campus, etc. Electricity Services: Electricity is available 24x7 for ensuring the laboratory and academic activities. The services are looked after by the outsourced trained Electricians and Engineers of the Kalgidhar Society. Civil Maintenance: The Society performs the maintenance work of the University buildings, hostels and residential complexes through their team of engineers. The Society employs substantial number of masons, builders and painters to complete the task well in time. Housekeeping: Housekeeping of buildings, classrooms, roads, footpaths, laboratories, library, sports complex (Play grounds, Tennis court, Basketball court, etc.), maintenance of grass and vegetation are outsourced. The Society is responsible for localized management of rodent, insect, termite, pest, mosquito, fungal control, open drains etc. Transportation: The Society provides sufficient number of vehicles for staff and students for transportations as per the requirements. Health Services: Under the health services the campus is having 250 bed hospital. Subsidized Medicines, X-ray, Dental Services, Physiotherapy, Medical Lab are provided to the employees and students of campus. Water Supply: Whole water supply services of the University campus are looked after by the Society. Sufficient number of Plumbers are available for maintenance of the water supply system. Security Services: Security services are maintained by the security cell of the Society with the help of Guards. Security officers provides 24x7 duty along with whole campus CCTV surveillance. The University has signed an MoU with the Kalgidhar Society for outsourcing these services and the MoU has been attached as an additional evidence. The Policy of the

management is to provide adequate space for effective teaching and learning process. The resources and infrastructure of the University are effectively used and shared to enable their optimum utilization. Resources of the central library and laboratories are shared by students and faculties effectively. The equipment's in the laboratories are maintained with their log books. The college has five state of the art computer laboratories, canteen, restaurant to meet the needs of the students. Classrooms are also utilized for remedial/short term/add-on/ learning courses and extra lectures. The classrooms have the provision of Smart Board and LCD projectors to facilitate effective teaching-learning process. The University has infrastructural facilities to organize activities like elocutions, debates, group discussions, presentations, exhibitions and invited lectures by eminent personalities. The University has two well equipped auditoria to conduct co-curricular activities like seminars, conferences and Annual functions etc.

<https://eternaluniversity.edu.in/docs/UniversityPoliciesforNAACfinal.pdf>

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	Merit Basis Concession Performance in Academic Real Sister Concession Needy Students Fellowship for Ph.D. students	426	12323678
Financial Support from Other Sources			
a) National	Minority Scholarship Prime Ministers Special Scholarship Scheme (PMSSS) Kalpana Chawla ChatraVriti National Scholarship Portal-Umbrella Scheme, Arunachal Pradesh Prime Ministers Scholarship Scheme For Central Armed Police Forces And Assam Rifl	42	2451200
b) International	Nil	Nil	Nil

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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
Bridge courses “ One day FSSAI	16/10/2019	56	FSSAI

(FoSTaC) Training

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	NATS	32	32	25	Nil
2019	CTET	24	24	6	12

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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
Nil	Nil	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
TOXSL Technologies PVT.LTD, Medanta superspeciality Hospital, Gurugram, Medanta Lucknow	24	24	Luminous Una, MMU Hospital Solan, Paras Hospital Punchkula, Akal Charitable Hospital Baru Sahib, Fortis Mohali, Shalby Hospital Mohali, GTB Hospital Ludhiana, Apollo Hospital Delhi, Max Hospital Dehradun, Akal University Bathinda	27	25

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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	1	M.Sc. Horticulture	Horticulture	Punjab Agricultural University	Ph. D. Horticulture
2020	1	M.Sc. Chemistry	Chemistry	University of Regina	Ph.D. Chemistry
2020	3	M.Sc. Zoology	Department of Zoology	Eternal University	Ph. D Zoology
2020	2	M.Sc. in Mathematics	Mathematics	Eternal University	Ph.D. in Mathematics
2020	8	B.Sc. (H) Agriculture	Akal College of Agriculture	CSKHPKV Palampur	M.Sc. Soil Science (2);M.Sc. Plant Pathology (2);M.Sc. Entomology (1);M.Sc. Entomology (1);
2020	3	B.Sc. (H) Agriculture	Akal College of Agriculture	Dr YSP UHF Nauni Solan	MBA Agribusiness (2);M.Sc. Env. Science (1)
2020	8	B.Sc. (H) Agriculture	Akal College of Agriculture	Eternal University	M.Sc. Agronomy (6);M.Sc. Horticulture (2)
2020	1	B.Sc. (H) Agriculture	Akal College of Agriculture	ICAR-NAARM	MBA Agribusiness
2020	3	B. Tech Food Technology	Akal College of Agriculture	SLIET	M. Tech Food Engineering
2020	2	B. Tech Food Technology	Akal College of Agriculture	LPU	M. Tech Food Technology
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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	2
GATE	2
Any Other	25
Any Other	1

Any Other	5
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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
Volleyball Championship	Inter-college	60
Handball Championship	Inter-college	48
Kho-kho	Inter-college	48
Basket ball	Inter-college	60
Table Tennis	Inter-college	186
Cross country	Inter-college	462
Athletics	Inter-college	205
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	National	Nil	Nil	00	Nil
2019	Nil	International	Nil	Nil	00	Nil
2020	Nil	National	Nil	Nil	00	Nil
2020	Nil	International	Nil	Nil	00	Nil
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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)

The students are involved in different on academic administrative bodies/ committees of the University. The involvement of students in different committees are as following: i. Anti Ragging Committee (5) ii. Internal Quality Assurance Cell (2) iii. Grievance redressal cell (2) iv. Sexual Harassment cell (2) v. Task Force Security Arrangements (10) vi. Women Empowerment cell (2) vii. Hostel Discipline Committee (10) The objectives of involvement of students are:

- To officially represent all the students in the University.
- To identify and help solve problems encountered by students in the Campus.
- To communicate its opinion to the University administration on any subject that concerns students and on which the council wishes to be consulted.
- To promote and encourage the involvement of students in organizing different activities

The responsibilities of students involved if different academic or administrative bodies/ committees, at different platforms are:

- To promote the interests of students among the college administration, staff and parents.
- To inform students about any subject that concerns them.
- To consult students on any issue of importance.
- To organize financial campaigns for college life and charitable activities.
- To organize educational and recreational activities for students.
- To participate in developing the college educational projects and to promote it to students.
- To organize an activity to recognize the efforts of students involved in organizing college activities.
- To propose

activities to the university administration that would improve the quality of life in the university • To maintain good relations, out of mutual respect, with the University staff and parents.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

358

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

35800

5.4.4 – Meetings/activities organized by Alumni Association :

22-11-2019

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)

(a) Akal College of Economics, Commerce and Management decentralized the powers of HOD of the various departments by making various committees viz. Academic affair committee, Research/ Technical Committee, Annual Report Committee, Web Page committee and revision of syllabi committee. (b) The casual leave sanction procedure for faculty and staff members of the Eternal University, the concerned Deans are authorized to sanction casual leave of the staff under their administrative control. (c) Leave availability for students: Leave processing for students is done through proper channel by forwarding it through class coordinator to the principal of the college. (d) Leave availability for employee : The employee can directly submit the request related to leave to the principal of the college

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Teaching and Learning	The Moodle, Learnea app, eu.acn portal were used for the online teaching of the students. The video preparations were also done in labs for Fundamentals of Nursing, Obstetrics Gynecology, Medical Surgical Nursing for upgrading the clinical skills of the students. https://mock.learnea.me/index.php/login_control
Examination and Evaluation	Akal College of Nursing has adopted for the Blooms Taxonomy in preparation of Multiple Choice Questions during COVID-19 pandemic for the conduction of

	<p>online examinations. Furthermore, the Practical examinations were conducted via OSCE (Objectively Structured Clinical Examination) mode. The conduction of few of examination like Community Health Nursing Practices Obstetrics Gynecology the Clinical community based scenarios were created in respective labs of the college. http://www.akalcollegeofnursing.com/college-news/from-the-nursing-books-to-online-teaching/</p>
Research and Development	<p>The following journals were subscribed J-Gate 05 online journals: inventi impact advance nursing, inventi impact Cancer Nursing, inventi impact Clinical Research, inventi impact Preventive Social Medicine, inventi impact Neonatal Pediatric Nursing. Along with this the submission of research projects by Bachelors in Nursing y 4th year students individual thesis submission by Masters in Nursing Students was done in their respective specialties, that is focused mainly over the prevalence of diseases/ailments of the local community and thereby promoting preventive aspects of the Nursing services.</p>
Human Resource Management	<p>Induction programme is governed for the newly joining faculty.</p>
Industry Interaction / Collaboration	<p>Akal College of Nursing has its collaboration with Drexel University, Philadelphia USA. The classes were taken by the Drexel University for the Bachelors in Nursing students on topics like "Critical Thinking" (9-19-2020) virtual event on "Searching for Solutions: Diving into the Ripple Effects of Global Disruption", "Global Perspective".</p>
Admission of Students	<p>Online admission was done by admission committee of ACN. The admission forms were uploaded on the official website of the Akal College of Nursing. Followed by entrance test was conducted this Google form. http://www.akalcollegeofnursing.com/admission-form/</p>

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

E-governance area	Details
Planning and Development	<p>Organizations of webinars, PTM through Google meet, Disseminations of paper findings etc.</p>

Administration	All Applications and notifications through institutional websites and email system
Finance and Accounts	The deposition of the student's fee is done in the SBI branch.
Student Admission and Support	Yes During Covid-19 pandemic, students admitted through online mode. Students have to fill admission form that is available at university website and submit the same with the entire required document. The submitted document was verified by the authority and eligible students intimated for admission.
Examination	Yes

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
2020	Dr. Puneet Negi	HIMCOSTE, Shimla	-	17989
2020	Ms. Simranjeet kaur (SRF)	DST	-	3000
2020	Dr. Neelam Thakur	DST	-	5500
2020	Dr. Sapna Thakur	HPDEST	-	5000
2020	Dr. Sapna Thakur	DST	-	10000
2020	Dr. Sapna Thakur	DST	-	1200
2020	Ms. Mahima Thakur	Workshop- OSCE	TNAI and Akal College of Nursing	3000
2020	Ms. Simerjeet Kaur, Ms. Anjali Devi Shrama	National Conference- "Filling the gap in primary Health Care for Nurse Practitioner"	Akal College of Nursing	1500
2019	Ms. Manpreet Kaur Ms. Manisha Sehgal	National Conference- "National convention of School Counselors on Prevention Management of	Akal College of Nursing	4000

		Mental Health Problems in School Children"		
2019	Ms. Jaswinder Kaur Ms. Kavita Verma Ms. Isha Dharni Ms. Gurwinder Kaur	Workshop: Intravenous therapy	Akal College of Nursing	2000
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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)
2020	Basics of Flow Cytometry and its Applications in Plant Biology	Nil	06/02/2020	07/02/2020	35	Nil
2019	Importance of Intellectual Property Rights	Nil	30/11/2019	30/11/2019	52	Nil
2019	One Day Training by Food Safety and Standard Authority of India Food Safety Training and Certification	Nil	16/08/2019	16/08/2019	5	Nil
2019	Nil	Training and education of housekeeping staff regarding cleaning and health maintenance	18/03/2019	23/03/2019	Nil	60

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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
AICTE-sponsored 3-Day FDP on "Faculty Development Program on Student Induction" organized by Eternal University, Baru Sahib	9	21/11/2019	23/11/2019	3
Online FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Program) organized by NIT, Patna (Bihar)	1	21/09/2020	25/09/2020	5
FDP for student induction	1	21/11/2019	23/11/2019	3
Machine learning on Ramp	1	09/05/2020	10/05/2020	2
Short term course on Nanotechnology for Electronics and Photonic devices	1	15/06/2020	19/06/2020	5
Master class on data science and its applications	1	21/11/2020	25/11/2020	5
FDP on student induction organised by AICTE at Eternal University	1	21/11/2019	23/11/2019	3
MATLAB on RAMP	1	18/05/2020	19/05/2020	2

Short term course on Nanotechnology for Electronics and Photonic devices organised by PEC University, Chandigarh in collaboration with IEEE Chandigarh Chapter	1	15/06/2020	19/06/2020	5
Machine learning on Ramp	1	10/05/2020	11/05/2020	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	42	Nil	8

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Group Medical Insurance by Kalgidhar Trust, • Free Education Scheme to wards of teacher in Akal Model School, • Fee Wavier Scheme to Teacher's in Akal Academy • Children Education allowance Scheme • Uniform scheme for teachers on annual basis during International Conference. • Vehicle services for faculty on daily basis • Transport and meal services for out-posting/Tours • Open gym facility • Health insurance scheme 	<ul style="list-style-type: none"> • Free Education Scheme to wards of Peon's in Akal Model School, • Free medical treatment and meals for isolated staff in Akal Charitable Hospital. • University uniform scheme for peons • Health insurance scheme • International Nursing conference uniform scheme for clerical staff 	<ul style="list-style-type: none"> • NSS, Scholarship Scheme, Medical Cover Scheme • Scholarship scheme based on merit list • Tata scholarship • Medical cover scheme (Distribution of multivitamins, masks, sanitizers, during COVID-19 • Educational trips and travels • Open Gym facility • Transport services for tours/Excursions

6.4 – Financial Management and Resource Mobilization

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

Internal audit is conducted biannually by team of a 2 to 3 members team constituted by the Kalgidhar Trust. The team members visit the university and contact to the accounts department. Here they inspect all the financial documents, bills, payments etc. with accounts officer and accounts assistants. The remarks of the audit team are taken for the improvements of the financial activities of the institution. The report of internal audit is submitted by the

Kalgidhar Trust to an External Auditor who is a Registered Chartered Accountant. The External Auditor audits the accounts annually and his report is sent to the Income Tax Department, Govt of India. The university also submits its Annual Audit report to the Ministry of Higher Education, Himachal Pradesh every year. Institute's financial internal as well as external audit comes under the university audit. Whereas the resource audit is conducted annually by a team of 2-3 members of the university staff from the different departments. In the year 2020 it was conducted on 16th December by Dr. Surjan Singh, Dr. Kamal Kishore and Dr. Rakhi Gaur in which they had cross checked every item present in the laboratories.

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
The Kalgidhar Trust, Dr. Pradeep Kumar Cheema, Dr. B.S. Boparai, Dr. B.S. Sohal, Dr. Jaswant Singh, Dr. Shiv Kumar Mudgal, Ms. Simarjeet kaur, Ms. Manpreet Kaur, Ms. Mandeep Kaur, Ms. Simarjot Kaur, Dr. HS Dhaliwal, Mr. D. K. Sharma	7128428	Donation
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6.4.3 – Total corpus fund generated

6977904

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	SIT(Special Investigation Team) from CBI, ICAR New Delhi, SIT NCTE, HP-PERC Shimla	Nil	Nil
Administrative	Yes	SIT(Special Investigation Team) from CBI, ICAR New Delhi, SIT NCTE	Yes	Vice-Chancellor

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

Not applicable

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

Parents and teachers talk through Google meet and telephonically and activities done are as follows: 1. Reporting of student's health status to the parents. 2.

Teachers are supposed to share the result and get the feedback. 3. Parent counselling were done by teachers during pandemic COVID-19. 4. Arrangements for travels and meals for the parents who returned to college during pandemic. 5. Parents are invited to college for International conferences and parent-teacher meetings are made regularly.

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

- They are promoted and given higher pay packages
- Trained in ICT
- Subsidized stay and Food
- Faculty development programmes from International Faculty.
- Journal Clubs

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

- Mentoring system for students
- Reforms in examinations
- Promote research by increasing Ph.D seats
- Alumnus association strengthening (Group discussions and guidance on NCLEX PROCESS, NCLEX preparation, MNS, CANADIAN RN PROCESS, EXPRESS ENTRY)
- Online ACN Portal for exams, assignments and online classes
- Perception and issues regarding assessed for online classes of nursing students during lockdown (COVID 19 PANDEMIC)
- Activation of institutional website - www.akalcollegeofnursing.com

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	EUMP (Eternal University Mentor Programme)	10/02/2020	10/02/2020	10/02/2020	156
2020	SWAYAM programme	19/02/2020	19/02/2020	19/02/2020	121
2020	Six monthly report submission by PG Scholars	07/03/2020	07/03/2020	07/03/2020	73
2020	Round table meet for BBA programme	22/02/2020	22/02/2020	22/02/2020	17

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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
Women day celebration every year to promote gender equality by giving health education and role play at Lana Bhalta panchayat (local community gatherings) on 8th march by B.Sc.Nursing 2nd year M.Sc.Nursing 2nd year	08/03/2020	08/03/2020	50	70
Health talk ,census, survey, health assessment on Family planning of nearby villages (Maccher, Kheri, Dimber, Nanu, Bhanog, Lana-Bhalta, Bagroti) by B.Sc.Nursing 2nd year and 4th year students on community postings every year. Macher (90 population) Kheri	01/11/2019	Nil	400	450
Assessment of Immunization taken for all children according to immunization chart by B.Sc. nursing 4th year students.	29/11/2019	29/11/2019	100	100
School health programs to assess psychological and physiological condition for	29/11/2019	29/11/2019	154	172

		community					
2019	1	1	15/10/2019	1	Distributed free sanitizer, Mask, Gloves, Gown, Shoe cover, Head cover and PPE kits	Pre and post exposure prophylaxis	30
2020	1	1	06/07/2020	1	Distributed free medicine, Nutritional tablets (Vitamin B, Vitamin C, B Complex, Iron Folic)	Wellness in Covid-19	30
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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)
EU Voice (Volume 5)	23/11/2019	The EU Voice Magazine which is published and disseminated to all the colleges, offers a great learning platform for faculty and students. The articles published in this magazine take cues from the basic human values which offer a value based yet pragmatic approach to life. This magazine is available to all and reinforces the ethical approach to education and life through writings on sensitive topics from health and social sciences which speak directly with everyday conduct in life processes.
Certificate for participation on COVID-19 Survey	25/05/2020	In order to check the knowledge, attitude and practice regarding COVID-19 among the residence at Baru Sahib

an online survey was conducted. The data from 366 people was taken. The result of the knowledge section depicted that 60 of subjects had good knowledge 37 had average knowledge and only 3 had poor knowledge. The subjects with good and average were issued online certificates.

Information booklet on Guidelines for combating COVID-19	09/09/2020	This manual contains the information about guidelines of various sections in campus with combat COVID-19. These guidelines help the residence to practice such information to avoid COVID-19 infection.
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Bathakumma	27/10/2019	27/10/2019	270
Fire Fighting Mock Drill	22/08/2019	22/08/2019	570
Swatchta Pakhwara	04/09/2019	18/09/2019	1000
Rastriya Ekta Diwas	05/11/2019	05/11/2019	110
Ayurveda	07/11/2019	07/11/2019	150
Special drive against Drug abuse launched by HP	16/11/2019	16/11/2019	110
Agro-homeopathy	21/02/2020	21/02/2020	46
Eternal University Science Day-2020"	27/02/2020	27/02/2020	350

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

1. The Solar Street lights (75) have been installed to make campus eco-friendly. 2. On World Environment Day plantation of saplings of indigenous plants is done in campus by NSS volunteers. 3. NSS volunteers of the university made small size soak pits of 1m diameter in compound for water conservation. 4. During Swachhata Pakhwada plantation drive done by the university students in Botanical Garden of the university campus. 5. Use of paper bags in place of plastic and solid waste is segregated and recycles, for card board, plastic with cement bricks. Besides, blank side of used A4 size paper is reused for printing.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice: - 1 Title: - Handling of Covid-19 Pandemic Situation Objective:

1. To create awareness among entire university campus about Covid-19. 2. To inculcate preventive measures among students and staff of the university.

Context: Covid-19 created a pandemic in the society. During this pandemic period the Eternal University had taken responsibility for the society and taken preventive measures in the campus and created awareness among campus people and local community.

Practice: 1. During Covid-19 with the help of Panchayat Pradhan, Local community was made aware of covid-19 precautionary measures through posters, health education etc. 2. A Protocol/ guideline book for covid-19 was prepared translated into three languages i.e. Punjabi, Hindi English for local community people and entire campus to become aware of the disease condition preventive measures. 3. High quality screening services, quarantine services, RT-PCR sample testing services were rendered during pandemic to the campus people and local community people. 4. The students of Nursing distributed Supplements, Sanitizers and Masks to local community people. 5. All meetings of Board of Management, Academic Council, Board of Studies, Students mentoring were concluded using online platforms. Evidence of Success: Beware of high-quality based efforts of Hospital and Nursing services, Parent Hospital (Akhal Charitable Hospital) was promoted as District Covid-19 Care Centre (DCC) by the local authorities. All the classes exams were taken online using Moodle platform of the university. Problem Encountered Resources

Required: 1. Special Covid-19 Warriors had to be deputed for handling of Covid-19 situation. 2. Separate building of the campus was assigned for Quarantine Centre. 3. Expert task force was deputed for distribution of medicine meals in the Quarantine Centre. Best Practice: - 2 Title:

Implementation of online Classes Examinations. Objective: 1. To utilize a

platform where online classes exams can be taken. 2. To make sure the study material for students accessible constantly on the online platform. Context:

The lockdown because of Covid-19, created the requirement for the university to have a platform where academic activities can be done online. Also, making sure that the students can access study material through smartphones/computers.

Practice: 1. The University developed Moodle LMS Server for taking online classes examination during Covid-19. 2. The Server is capable of storing all the data ensuring privacy and security of it. 3. Online exams were conducted in the form of Objectives Subjective Questions using Moodle LMS. 4. The Moodle LMS Server improved the performance of the exam and to reduce database overhead, so that a large number of users can attempt the exam simultaneously. 5. The faculty was given online training to make them aware of using the LMS Server for online classes and conducting online exams. 6. The students were also given online training to make them aware of how to use the portal. 7. The support team was established so that during online class or exam any type of problem can be solved on-spot. Evidence of Success: 1. Mock tests for students were conducted so that they are familiar with the portal during Mid- sessional and final examinations. 2. The Students were asked to install Moodle app in their smartphone those who cannot afford laptops. 3. Re-examination of few students were conducted those who were having problem because of faulty internet. 4.

Developed the server that can operate on 2G network. Problems Encountered Resources: 1. Some Students were in the remote locations where the internet speed was very low. 2. A server is created with i3 Processor having 3.70GHz speed, 16GB RAM 1TB storage capacity and internet bandwidth of 35MBPS to ensure seamless connectivity. 3. The faculty has to use laptops or smart classrooms for taking online classes using LMS Server. 4. Auto attendance system for making the record of classes held online. 5. Big Blue Button conference server was purchased for online classes and conferences.

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

<https://eternaluniversity.edu.in/docs/TwoBestPractices.pdf>

7.3 – Institutional Distinctiveness

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

The Eternal University is focusing mainly on need based agricultural and animal husbandry development of villages' clustered around Baru Sahib, district Sirmour through research and extension activities. To give impetus to research number of seats in Masters and Ph.D. have been increased, adequate infrastructure, laboratory facilities (with advanced instrumentation) are being created, and highly qualified faculty is being engaged. Nearly six research projects have been sanctioned from various agencies viz DBT, DST, NABARD, Ministry of AYUSH, and SERB-DST New Delhi. Sophisticated equipment's costing Rs.2 crores have been procured, installed and are is being used. A workshop on IPR conducted and recently a patent has been awarded. . A research work on number of functional food crops including barley, oats buck wheat, pearl millet, finger millet, amaranths, foxtail millet, soybean, sweet sorghum, quality protein maize, maize with beta carotene and anthocyanin is going on. In addition to this Horticulture crops integrated nutrient /disease/pest management in cauliflower, tomato, have been recommended. In cauliflower combination of ZnSO₄ and ZnO has been evaluated at a concentration of 0.3 and 150 ppm respectively have been recommended for strawberry grown in mid hill regions. The performance of strawberry using rice straw as mulch has been recommended. The use of nematodes has been evaluated against Spodoptera control it in the region. Baru Sahib and its adjoining areas are very rich in medicinal and aromatic plants wealth. Therefore, RD in their biodiversity exploration, characterization of phyto-constituents, molecular characterization/ genetic diversity analysis, bioactivities and formation of various herbal products are the prime areas. Presently, more than 100 medicinal plants have been introduced in the Herbal-cum-Botanical Garden. The production and marketing of major cash crops raised by the farmers of categories were studied. It revealed that agro-processing units are the need of the hour for such villages, it may not only be helpful to enhance the producers' share in consumers' rupee, rather it may create additional employment avenues in the study area. Advanced studies on Molecular mapping and breeding for high popping volumes in high yielding lines have been carried out. Moreover for houses in cold climate to provide thermo-comfort have been investigated by using minimum energy input i.e. thermo-syphoning air heating panels, Sun spacers on the southern façade, airlock lobbies, double glass windows etc. have been suggested to the farmers. A total 550 endophytic and rhizospheric bacteria were isolated and screened for phosphorus (P) and potassium (K) solubilization and nitrogen (N) fixation attributes. The single as well as microbial consortium [NPK, NP, NK and PK] have been developed for plant growth promotion and soil fertility for crop growing in hilly regions. Nursing College is actively involved in providing free medical camps. Nearly four such camps are organized every year, wherein free services are provided for expensive surgeries by the Doctors from India and Abroad. The hospital is the only one in the region for providing expensive anti-venom injects to the snake bite patients. The De-addiction centre and Psychiatric services hold regular two camps every month.

Provide the weblink of the institution

<https://eternaluniversity.edu.in/docs/AOAR7.3.1.pdf>

8.Future Plans of Actions for Next Academic Year

Concerted efforts will be made to open the university to the girl students from different states of India and other countries to fill the intake capacity of students in all the programmes of various colleges to the maximum extent. To recruit and retain the highly qualified faculty they will be encouraged and

facilitated to attend conferences, seminars and workshops more frequently and given financial support to take up and publish research work in peer reviewed journals. Major emphasis will be given to student centered digital learning activities and faculty development through extensive use of ICT, MOOCs, SWYAM and other portals. Maximum use of all the installed modules of the ERP will be made for monitoring attendance, teaching, payments, feedback, leaves and information to all the stake holders of the university with the least use of paper work. A counseling, competitive training and examination cell be established for development of soft skill and favorable placement opportunity of the students. Efforts will be focused to establish the crucial academia industry linkage for taking up joint R D activities, training and placement of students, transfer of technology and marketing of products based on medicinal and aromatic plants, functional food crops with improved nutritional quality and application of nanomaterials. Major efforts will be made to involve and encourage the faculty and students to interact with the local youth, farm men and women for creating awareness, of technology and skill development for ensuring skill development, entrepreneurship and income generation for their food, nutrition and health security using various national initiatives. - New ventures being roped in for better training, guidance and placements - Efforts will be made so that endowments from alumni be increased. - Campus tree labeling project will be completed and green register and green audit will be maintained. - Library books journals would be added as per the new volumes and demand of students faculty. - Incubator-cum-entrepreneurship cell will be maintained in a better way. -UCRC cell would be activated at faster rate to harness resources and startups. - Special classes for slow learners. - Incentives for publishing papers with higher impact factors. Some more initiatives point wise are: 1. More e-governance and decentralization of administrative work in order to increase the working capability of the administration e-governance using ERP will be the priority of Eternal University. Moreover, it will be also synergized through decentralization of administrative work. 2. Regular feedback from students, parents, alumni, teachers with anonymity. The regular feedback will be very helpful in taking decisions by the IQAC. The Performa will also be modified and got filled with anonymity. 3. Each college to organize at least one workshop. The decision by IQAC will be taken shortly. It will help to update the scientific knowledge of the faculty 4. Establishment of Counseling and Competitive Examination cell and encourage the students to participate. This will help the students to inspire and take guidance from the faculty. 5. Improve MIS system. Some of the modules in the process will be implemented.