



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		BARKATULLAH UNIVERSITY
Name of the head of the Institution		Prof. R.J. Rao
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07552517001
Mobile no.		9826255137
Registered Email		iqac.naac.bu@gmail.com
Alternate Email		rjrao09@gmail.com
Address		Barkatullah University, Hoshangabad Road
City/Town		Bhopal
State/UT		Madhya Pradesh
Pincode		462026

2. Institutional Status					
University		State			
Type of Institution		Co-education			
Location		Urban			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Professor D.C.Gupta			
Phone no/Alternate Phone no.		07552517198			
Mobile no.		9425378171			
Registered Email		iqac.naac.bu@gmail.com			
Alternate Email		dcggeology@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.bubhopal.ac.in/Site/Upload/Menu/1600_1620_2018--19_AOAR%2018%2019.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://bu.mponline.gov.in/Site/Upload/News/a3258f97-fc26-4061-be9c-2a49ff599be4.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	73.15	2003	24-Mar-2003	23-Mar-2008
2	B	2.5	2015	01-May-2015	30-Apr-2020
6. Date of Establishment of IQAC			09-Oct-2018		
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
One day Workshop on implementation of CBCS in UTD Course	11-Jan-2019 1	70
One Day workshop on Role of University Stakeholder towards creating Quality in Academic and Administration in Barkatullah University	25-Feb-2019 1	150
One day seminar on intellectual property Rights in Research and Technology	18-Mar-2019 1	75
One day Workshop on Capacity Building for Promoting values and Ethics in higher education	20-Apr-2019 1	75
One day NAAC awareness workshop on Revised Accreditation Framework of NAAC (State Level)	27-May-2019 1	50
Mock Committee Visit to UTDS	31-May-2019 4	150
First Research Seminar	01-Jun-2019 2	300
Interactive Session with Prof V.S. Chauhan (Chairman)	08-Jun-2019 1	70
One day Workshop on implementation of CBCS in UTD Course	25-Jun-2019 1	70
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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
Sociology	Rajeev Gandhi Chair	UGC	2006 4745	29459921
Physics	FIST	DST	2018 1825	15100000
Physics	SAP/DSA	UGC	2018 1825	7000000
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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 :	12
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	570000
Year	2018
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
3. Online feedback forms have been developed to get feedback from stakeholders and action is being taken according to feedback.	
4. Various policies have been formulated to improved quality in academic, research and administrative areas.	
5. Established data centre housed in Central library Building for retrieval and better dissemination of information.	
1. At BU Bhopal, We have started documentation of various activities and Programs which are helpful in improvement of quality.	
2. Under the umbrella of IQAC, we have organised several institutional workshops, events and initiative with the focal themes of quality improvements.	
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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
Promotion of Research through Institutional Funding	Research projects and Fellowships have been given to faculty member and Students

Established Academic Audit Cell for UTDs and Affiliated colleges	In Progress				
All UTD department to develop their own Quality Assurance Cell maintaining the Data	In Progress				
Development of Quality in the Institution	HODs are instructed to enhance Academic, Research and Cocurricular activities with department and submit the report to IQAC				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Executive Council</td> <td style="text-align: center;">29-Jun-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Executive Council	29-Jun-2019
Name of Statutory Body	Meeting Date				
Executive Council	29-Jun-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	11-Jan-2019				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	28-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>EGOVERNANCE IT CELL The following activities of this Cell are (in collaboration with MPOne):</p> <ol style="list-style-type: none"> 1. Collection of all types of fees from the students 2. PreExamination Work 3. Counter Base facility 4. Collection of affiliation fees from the colleges 5. Checking and uploading all the information notification related to affiliated colleges 6. Uploading all the information related to academic work 7. Uploading all notification, circulars, tenders etc., on the website 8. Grievance Redresser System 9. eEnrollment 10. CCTV Control Pre Post Examination Work Online and Offline <p>Activities:</p> <ol style="list-style-type: none"> 1. Student Admission Process (all levels) 2. Enrolment of 				

the students 3. Pre Examination Work 4. Examination Valuation Process including scanning of answer books 5. Result Preparation Declaration and Mark Sheet Process 6. Reopening Retotaling Process DATA Centre The following activities of this Cell are : 1. Maintenance of Database related to teachers, employees, students and academic departments 2. Generation of Reports for onward submission to various organizations e.g., MP Govt., UGC, AICTE, NAAC, AISHE etc. 3. RUSA Nodal Centre 4. Provides various data services to different wings of the University 5. Verification of students Records 6. Maintain Teachers' database and assist Examination Processes in the University 7. Provide training support to the University employee.

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!		
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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
MA	Hindi	01/07/2019
MA	Sanskrit	01/07/2019
MA	Linguistics	01/07/2019

MA	Urdu	01/07/2019
MA	English	01/07/2019
MA	Persian	01/07/2019
MA	Education	01/07/2019
MA	in Human Consciousness and Yogic Science	01/07/2019
MCom	COMMERCE	01/07/2019
MA	Clinical Psychology	01/07/2019
MA	Psychology	01/07/2019
MA	Economics	01/07/2019
MA	Geography	01/07/2019
MA	Sociology	01/07/2019
MA	Social Work	01/07/2019
MA	Women Studies	01/07/2019
LLM	Law (Human Rights / Criminal Law)	01/07/2019
MSc	Bio Science	01/07/2019
MSc	Biotechnology	01/07/2019
MSc	Biochemistry	01/07/2019
MSc	Genetics	01/07/2019
MSc	Molecular Biology	01/07/2019
MSc	Environmental Science	01/07/2019
MSc	Microbiology	01/07/2019
MSc	Zoology	01/07/2019
MSc	COMPUTER SCIENCE	01/07/2019
MSc	INFORMATION TECHNOLOGY	01/07/2019
MSc	Electronics	01/07/2019
MSc	Applied Geology	01/07/2019
MSc	Physics	01/07/2019
MSc	Maths	01/07/2019
MSc	Chemistry	01/07/2019
MBA	Management	01/07/2019
BE	CS& Eng.	Nil
BE	Electronics& Communic.Eng.	Nil
BE	INFORMATION TECHNOLOGY	Nil
BE	Civil.Eng.	Nil
BE	M.E.	Nil
Mtech	C.S.& Engineering	Nil
Mtech	Digital Communication	Nil
Mtech	Information Technology	Nil

Mtech	Product Design	Nil
Mtech	Material Science	Nil
Mtech	Nano Technology	Nil
MCA	Nil	Nil
BPharm	Nil	Nil
MPharm	Nil	Nil
MFSc	Nil	01/07/2019

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
Certificate and Diploma course in Arabic	01/07/2004	Nil
Open Credit (Yoga, Environment, Counselling, Language and Swayam) Deptt of Sociology	01/07/2019	85
M.A. Women Studies	01/07/2019	Nil
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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	Arabic	7
MA	Sanskrit	3
MA	Linguistics	2
MA	English	8
MA	Hindi	7
MA	Urdu	6
MA	Persian	4
MCom	Commerce	17
MA	Education	8
MSc	Human Consciousness & Yogic Science	59
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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

The feedback collected from different stake holders are reviewed in department council meeting. Each faculty participate in review and analysis of feedback. Accordingly future course of action is decided in light of quality indicators. Based on feedback analysis, if required faculty members are encouraged by head of the Department to deal effectively with students needs. Faculty members are also encouraged for continuous interaction with the students to facilitate them in their academics. If the issues are related with the syllabus, it is placed and discussed in BOS meetings and changes or additions are recommended following the university rules. Similarly if suggestions are related with university administration, concern HODs , communicate the issue to the authorities for rapid solution. The issues related with library, conduction of classes, facility in the department and laboratory are seriously attended by faculty HOD and concern authority makes all possible effort to solve the problems. Ragging issues if any, disciplinary issues, class room teaching etc. are openly discussed with committee members and grievances are sorted out using democratic and legal procedures. Sometimes parents are also called to give feedback about their wards. Based on student feedback, departments also organize seminars, field visits, and cultural activities and provide opportunity to the students to participate in organizing departmental academic activities. Students are always encouraged to participate in formal and informal manners to the authorities. Some students feel that their is gap between theory and practice. Few departments try to fill this gap by planning and organizing the extension activities through which students get opportunity gain behavioural and practical exposure.

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
BE	BE	270	243	243
Mtech	M.Tech.	95	7	7
MCA	MCA	30	4	4
MSc	Maths & Chemistry	40	20	20
MFSc	Zoology	40	102	40
MSc	Zoology	40	67	28
MSc	Physics	30	69	30
MSc	Compture Science	20	39	15
MSc	information Technology	10	10	4
MSc	Biotechnology	20	58	18

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2.2 – Catering to Student Diversity

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

Year	Number of	Number of	Number of	Number of	Number of
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	students enrolled in the institution (UG)	students enrolled in the institution (PG)	fulltime teachers available in the institution teaching only UG courses	fulltime teachers available in the institution teaching only PG courses	teachers teaching both UG and PG courses
2019	1287	1002	41	56	69

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	116	15	27	15	16

[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)

Information and Communication Technology (ICT) is an effective tool for acquiring information from multiple sources which enables faculty members to use a variety of teaching methodologies to enhance the teaching learning experience. It also enables better and swifter method of communication to help the students achieve updated information. The teaching-learning process of Barkatullah University (BU) is student centric and highly interactive and innovative. Faculty Members are dedicated for quality education and they try to make the best use of digital tools in their teaching process in helping the students to enhance their knowledge database. Enabled with a vibrant Wi-Fi Campus, B.U. provides the facilities to both the faculties and students alike to stay connected to the internet for high academic standards. In addition to the traditional methods of Black boards / white boards etc., most of the classrooms and Seminar halls are equipped with electronic teaching aids. Like Interactive Boards, LCD Projectors etc. Every Head of the Teaching department is provided with Laptop and as other faculty members are provided with desktops with internet facilities, so that they can effectively search for latest updates in the areas of their interest. It also enables them to search for journals, Seminar / Conference proceedings and research and study materials. The major electronic resources like YouTube, NPTEL, MOOC, COURSERA, INFLIBNET etc. are also accessible to the party faculty members, research scholars and students as well. Students and Research Scholars are also encouraged to enroll for online courses through SWAYAM and similar ones. Faculty Members very often take classes / Lectures online on Google meet, zoom, Microsoft Team etc. They share reading / study materials over different media like Google Classroom, Email, university Portal, WhatsApp etc. They also use and share E-books which is very helpful for e-learning process. Projects, and Presentations are part of internal assessment in every semester of all the Courses. This is being sustained in the flipped classrooms. B.U. has organised several training programmes for faculty members to familiarize them with the use of the updated ICT tools and software. It has also organized several workshops to create student Centric Technology enabled Active Learning Environment and promote Project-based learning. The university has well equipped Computer Labs updated with new software open for its students. Teaching departments Conduct seminars, webinar, workshops, invited talks, special Lectures, Conferences on the near development of their subjects / Contemporary topics of significance for effective teaching learning process. All these resources help to create a ecosystem of sustainable development using innovative learning tools, thereby enabling learners to enhance their capabilities and faster their intellectual growth in a virtual environment. With these initiatives, BU has mainstreamed the use of IT tool to provide quality education to its students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2270	85	1 : 27

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
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213	68	145	0	59
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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
No Data Entered/Not Applicable !!!			
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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
MSC	BU/PSY/02	IV	10/09/2020	08/12/2020
MA	BU/PSY/02	IV	10/09/2020	08/12/2020
MA	BU/ECO/02	IV	10/09/2020	23/11/2020
MA	BU/LIN/02	IV	10/09/2020	23/11/2020
MA	BU/SAN/02	IV	10/09/2020	23/11/2020
MA	BU/URD/02	IV	10/09/2020	23/11/2020
MA	BU/GEO/02	IV	10/09/2020	23/11/2020
MA	BU/YOG/02	IV	10/09/2020	23/11/2020
MA	BU/HIN/02	IV	10/09/2020	23/11/2020
MA	BU/ENG/02	IV	10/09/2020	10/12/2020
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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
0	364	00

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)

<http://www.bubhopal.ac.in/site/Upload/88ca09b7-6e73-4432-996a-386ad57b94f3.pdf>

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
BU/EDU/02	MA	EDUCATUION	8	8	100
BU/URD/02	MA	URDU	6	5	83

BU/YOG/02	MA	HUMAN CONSCIOUSNESS & YOGIC SCIENCE	37	37	100
BU/LIN/02	MA	LINGUISTICS	1	1	100
BU/HIN/02	MA	HINDI	8	7	88
BU/SAN/02	MA	SANSKRIT	4	3	75
BU/ARB/02	MA	ARABIC	7	6	86
BU/PER/02	MA	PERSIAN	4	4	100
BU/SOC/02	MA	SOCIOLOGY	7	6	86
BU/GEO/02	MA	GEOGRAPHY	3	3	100

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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)

<http://www.bubhopal.ac.in/site/Upload/3dd21b72-e4e3-42e5-95ad-a30732e074b8.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
CSIR-UGC-JRF	5	CSIR-UGC
Post Doctoral Fellowship	2	ICSSR
Postdoctoral Fellowship	5	UGC
Postdoctoral Fellowship	5	UGC New Delhi
Postdoctoral Fellowship for Women	1	CSIR
CSIR-UGC	1	CSIR
Research Associate	5	UGC New Delhi
Research Associate	3	UGC New Delhi
UGC-NET-JRF	3	UGC New Delhi
UGC-NET-JRF	4	UGC New Delhi

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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
Major Projects	1800	UGC New Delhi	70	7
Major Projects	1800	DST New Delhi	151	91
Major Projects	1420	DAE New Delhi	35	7.98
Major Projects	1420	DBT New Delhi	8	8
Major Projects	1420	ICMR New Delhi	15	9.3
Major Projects	1420	DST New Delhi	27	0
Minor Projects	1050	MPCST, Bhopal	7.3	2.01
Minor Projects	1050	MPCST, Bhopa	7.1	7.1
Minor Projects	1050	MPCST, Bhopa	6.65	4.2
Minor Projects	1050	MPCST, Bhopa	3.89	0

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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
Inner Awareness Personal Growth Through Meditation Yoga	Department of Yoga	15/02/2020
International Webinar Series Topic - Balance Life with Yoga	Department of Yoga	12/06/2020
International Webinar Topic - The Role of Breathing Techniques (Pranayama) in Alleviating Covid - 19	Department of Yoga	15/06/2020
National Webinar Boost Immunity by Yoga Naturopathy with Spice of Laugh	Department of Yoga	20/06/2020
Dr. Ajay Main Nominee of CPCSEA has Delivered a Lecture on a Laboratory Animal Care	Department of Bioscience	16/02/2019

Intellectual Property Right Patent in Research Technology	Department of Biotechnology	01/06/2019
Recent Trends in Biological Sciences (One Day Seminar)	Department of Microbiology	24/05/2019
Microbes in Clean Environment (One Day Seminar)	Department of Microbiology	23/09/2019
Microbiologist Society Unit (Microbiologist Society Of India) And Department Of Microbiology Organized One Day Seminar On Recent Trends In Biological Sciences	Department of Microbiology	24/05/2019
Barkatullah Bhopali As A Freedom Fighter	Department of Arabic	08/07/2019
Apj Abul Kalam Expert Lecture Series	Department of UIT	Nil
Big Data AI	Department of UIT	16/05/2019
Dynamic Website Development Cloud Computing	Department of UIT	24/05/2019
Internet Maturity Digital Citizenship	Department of UIT	30/05/2019
Simple Sanskrit Standard Workshop	Comparative Languages and Culture	Nil
Intellectual Property Rights (IPR)	Barkatullah University Bhopal	Nil
Conduct Alumni Lecture On "Covid 19 Web Gis Platform, By Dr.Rajeshsoloman Paul	Department of Earth Sciences,	28/05/2020
Organized National Webinar On Covid 19 Current Environmental Challenges,On Environmental Day	Department of Earth Sciences,	05/06/2020
Two Days Online Lecture Series ,	Department of Earth Sciences,	28/05/2020
Workshop on Understanding India: Sociological perspective	Department of Sociology	29/02/2020
A Webinar On How To Combat Covid-19 And Its Impact	Department of Bioscience	23/05/2020
Arabic Skill Conversation 3 Days Workshop (Online)	Department of Arabic	25/05/2020

Digital Learning	Department of Sociology	07/02/2020
Norms Of Academic Publishing	Department of Sociology	20/02/2020
Understanding Environment 15th February, 2020	Department of Sociology	29/02/2020
National Seminar On "Challenges Of Regional Development And Inclusive Growth In India"	Regional Planning and Economic Growth Department	07/03/2020
Organized National Webinar On Covid 19:Tracking And Data Management On Webgis Platform	Department of Earth Sciences,	30/05/2020
Workshop on Personality Development	Department of Sociology	22/02/2020
Gender Sensitization Workshop	Department of Womens Studies	06/03/2020
Webinar on Covid - 19 : An Interdisciplinary Understanding	Department of Sociology	27/05/2020
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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
Best Paper Presentation	Shweta Sahu	AKS University, Satna (M.P.)	08/05/2019	Research Scholar
?????????? ???? ????- Utkrasht Seva Purushkar - 2019	Department of Physical Education	Rashtriya Khel Utthan Parishad , Rewa-MP	18/04/2019	Students
Excellent Research Work on Bhoj Wetland	Dr. Vipin Vyas	Awarded by Bhoj Wetland Winter Bird Count Association	24/01/2020	Associate Professor, Bioscience Department, Barkatullah University, Bhopal
Appreciation for Contribution to the promotion of good research practices	Mrs. Pratibha Thakur	Awarded by Mendeleev Advisor Community, ELSEVIER	21/02/2020	Research Scholar (SRF-ICMR) Endocrinology Unit, Bioscience Dept. Barkatullah University, Bhopal
MP Young	Mrs. Pratibha	Madhya	29/02/2020	Research

Scientist Travel Award	Thakur	Pradesh Council of Science Technology		Scholar (SRF-ICMR) Endocrinology Unit, Bioscience Dept. Barkatullah University, Bhopal
IBRO-APRC, sponsored Neuroscience School Fellow	Mrs. Pratibha Thakur	International Brain Research Organization	06/06/2019	Research Scholar
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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
No Data Entered/Not Applicable !!!					
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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
Department of Environmental Science Limnology	5
Zoology Applied Aquaculture	4
Department of Pharmacy	1
Microbiology	6
Department of RPEG	13
Department of Yoga	1
Department of Arabic	8
Department of Psychology	11
UIT	5
Comparative Languages and Culture	6
Department of Law	4
Department of Commerce	3
Department of Earth Sciences	1
CRIM (Dept. of Management)	3
Department of Persian	3
Regional Planning and Economic Growth Department(as research centre)	16
Department of Computer Science Applications	1
Department of Electronics	1
Department of Physics	12

Department of Sociology	11
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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	Bioscience	11	2.9
International	Genetics	13	Nil
International	Department of Environmental Science Limnology	6	Nil
International	Department of Microbiology	5	2.75
International	UIT	8	Nil
International	Comparative Languages and Culture	5	Nil
International	Department of Commerce	14	5.7
International	Department of Earth Sciences	1	Nil
International	Regional Planning and Economic Growth Department (as research centre)	1	Nil
International	Department of Computer Science Applications	3	Nil

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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
Bioscience	28
Biotechnology	22
Genetics	1
Department of Environmental Science Limnology	2
Zoology Applied Aquaculture	1
Department of Pharmacy	1
Microbiology	4
Department of Arabic	2
UIT	5
Comparative Languages and Culture	3

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
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Dr. Vilas Shelke(SSO) Extraction and functionalization of natural Dye from Tesu and Bougainvillea flowers for dye Sensitized Solar Cells	Filed	202021005958	11/02/2020
Dr Pallav Kaushik Deshpande Title: " Antimalerial molecules of natural and synthetic origin with drug carrier for pregnant subject" Field : Chemical	Published	202021001557	17/01/2020
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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
The Perspective of Coronavirus Disease Outbreak: Epidemiology, Transmission, and Possible Treatment	Ab Qayoom Naik, Tabassum Zaffar, Vinoy K. Shrivastava	Vector borne and zoonotic diseases	2020	2.1	Endocrinology Unit, Bioscience Department, Barkatullah University, Bhopal	4
Effect of Physico-Chemical Properties of Water on Macrophyte Diversity with Special Reference to Bhoj Wetland	Prerna Gupta, Sadhna Tamot, Vinoy K. Shrivastava	Eco. Env. Cons.	2020	Nil	Bioscience Department, B.U. Bhopal	0
Bio-pesticides of plant origin for	Mragendra Singh alias	Indian Journal of Ecology	2020	Nil	Bioscience Department, B.U.	6

mosquitocidal activities	Mithaeee Lal Gound, Deepak Meshram, Madhu Jadia and Kapil K. Soni				Bhopal	
Effects of Exogenous Oxytocin and Atosiban Antagonist on GABA in Different Region of Brain.	Pratibha Thakur, Renu, Shri vastava and Vinoy K. Shrivastava	Neuroendocrinology Letter of Hospital Pharmacy.	2019	0.54	Bioscience Department, B.U. Bhopal	1
Fluorometric Method to Quantify Monoamine: A Brain Region-Based Study Using Miligram Amount of Brain Tissue	Pratibha	IBRO Report (Elsevier) (International)	2019	Nil	Bioscience Department, B.U. Bhopal	1
Evaluation of Seasonal Variation in Physico-Chemical Water Quality Parameters of Narmada River at District Hoshangabad, Madhya Pradesh, India	Rajendra Singh Chakarde and Vinoy K. Shrivastava	Pollution Reswearch	2019	0.36	Endocrinology	1
Effect of Short-term Consumption of Aspartame on Some Biochemical	Ab Qayoom Naik and Vinoy Kumar Shrivastava	International Journal of Zoological Rtesearch	2019	0.51	Endocrinology 1	1

and Hematological Parameters in Female Swiss Albino Mice						
The Ganges basin fish <i>Cirrhinus mrigala</i> (Cypriniformes: Cyprinidae): detection of wild populations stock structure with landmark morphometry .	Prof. S.K. Khatik	Revista de Biologia Tropical	2019	1.08	Department of Commerce, Barkatullah University,	Nil
Impact of Gst on Indian Hotel and resturent Business	Dr.Pavan Mishra	International Journal of Management ,IT and Engineering	2019	1.26	Department	Nil
Job Satisfaction in Public and Private Sector Banks, "A Comparative Study of Bank of India and HDFC Bank Ltd	Dr.Anshuja Tiwari	International Journal of Business, Management and Allied Science (IJBMAS)	2019	Nil	Department	Nil

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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
Analysis of Nipah Virus Codon Usage and Adaptation	Rekha Khandia, Shailja Singhal, Utsang Kumar,	Front. Microbiol.	2019	11	0	Dept. of Genetics, Barkatullah University, Bhopal -462026

to Hosts.	Afzal I. Ansari, Ruchi Tiwari, Kuldeep Dhama, Jay ashankar Das, Ashok Munjal and Raj K. Singh.					M.P., INDIA
A Comprehensive Review of Autophagy and Its Various Roles in Infectious, Non-Infectious, and Lifestyle Diseases: Current Knowledge and Prospects for Disease Prevention, Novel Drug Design, and Therapy.	Rekha Khandia, M Dadar, Ashok Munjal, K Dhama, K. Karthik, R Tiwari, Mohd. Iqbal Yatoo, H.M.N. Iqbal, K.P. Singh, S.K. Joshi, and W.	Cells	2019	90	22	Dept. of Genetics, Barkatullah University, Bhopal -462026 M.P., INDIA
Bio-pesticides of plant origin for mosquitoicidal activities	Mragendra Singh alias Mithaeer Lal Gound, Deepak Meshram, Madhu Jadia and Kapil K. Soni	Journal of Hospital Pharmacy.	2020	0	0	Bhopal
Effects of Short-term Consumption of Aspartame on Some Biochemical and Hematological Parameters in Female	Ab Qayoom Naik and Vinoy Kumar Shrivastava	International Journal of Zoological Research	2019	1	0	Bhopal

Swiss Albino Mice						
EVALUATION OF SEASONAL VARIATIONS IN PHYSICO-CHEMICAL WATER QUALITY PARAMETERS OF NARMADA RIVER AT DISTRICT HOSHANGABAD OF MADHAYA PRADESH	Rajendra Singh Chakarde and Vinoy K. Shrivastava	Pollution Research (National)	2019	0	0	Bhopal
Fluorometric Method to Quantify Monoamine: A Brain Region-Based Study Using Miligram Amount of Brain Tissue	Pratibha Thakur, Renu Shrivastava and Vinoy K. Shrivastava	Neuroendocrinology Letter	2019	0	0	Bhopal
Effects of Exogenous Oxytocin and Atosiban Antagonist on GABA in Different Region of Brain	Pratibha Thakur, Renu Shrivastava and Vinoy K. Shrivastava	IBRO Report (Elsevier) (International)	2019	5	2	Bhopal
Effect of Physico-Chemical Properties of Water on Macrophyte Diversity with Special Reference to Bhoj	Prerna Gupta, Sadhna Tamot, Vinoy K. Shrivastava	Indian Journal of Ecology	2020	0	0	Bhopal

Wetland						
Seasonal variations in diversity of aquatic macrophytes of Upper lake, Bhopal	Prerna Gupta, Sadhna Tamot, Vinoy K. S hrivastava, Rajendra Chakarde	Eco. Env. Cons.	2020	0	0	Bhopal
The Perspective of Coronavirus Disease Outbreak: Epidemiology, Transmission, and Possible Treatment	Ab Qayoom Naik, Tabassum Zaffar, Vinoy K. S hrivastava	Vector borne and zoonotic diseases	2020	3	3	Department of Biosciences, BU, Bhopal

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

Number of Faculty	International	National	State	Local
Presented papers	31	55	6	4
Resource persons	18	79	15	55
Attended/Seminars/Workshops	58	129	35	48

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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)
Prof. Ragini Gothwal	Nil	Grasim India	Nil

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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

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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
Special lecture On "Engaging Men in Gender Justice "	Women's studies Department in Collaboration with NSS	2	150
A special Lecture Delivered by Dr.JanakRaj Principal Advisor Monetary policy Department Reserve Bank of India on Monetary Policy	Reserve Bank of India	4	150
Workshop on River Conservation	Interdepartmental	2	40
AIDS awareness program	NSS Red ribbon grp	1	100
Tree Plantation	BU	2	60
Plastic free Campus	UIT NSS Students	1	50
Special lecture on 'Everyday Well being: In Alternative Health paradigm'	Women's Studies Department	4	50
Study tour to Bhimbetika and Village visit- Bhianpur	Women's Studies Department	2	7
'Gender Sensitization Workshop' (for University Students)	Women's Studies Department	3	60
Webinar titled "Gender Dimensions of covid-19 Pandemic"	Women's Studies Department	2	50
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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
Nil	Nil	Nil	0
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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/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Plastic free Campus	UIT NSS Students	Nil	1	50
Tree Plantation	BU	Tree Plantation in the premises UIT teachers	60	0
AIDS awareness program	NSS Red ribbon grp	Nil	1	100
NSS	NSS	Social services	Nil	2
Swachh Bharat	B.V.V Bhopal	Clean Campus	2	30
Gandhi 150	Department of Pharmacy	Debate competition	13	150
Pharmacist Day	Department of Pharmacy	Awareness camp organized	13	180
Green India	Department of Pharmacy	Plantation and collection of seeds of extinct species of Plant	13	140
Cleanliness and Plantation drive	Dept. of Computer Science Applications, B.V.V., Bhopal	Cleanliness and Plantation	3	7
Blood Donation	Govt. Hamidia hospital blood bank	Blood Donation Awareness,	2	150
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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
Chalcogenides Dichalcogenides, carbon and oxide nanostructures for thermal energy harvesting.	3	BRNS, DAE	1065
Skill development	Students & Guest Faculty	B. U. Bhopal	3
Skill development	Students & Guest Faculty	B. U. Bhopal	4
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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	Name of the	Duration From	Duration To	Participant
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	linkage	partnering institution/ industry /research lab with contact details			
Internship	Project work	Rajiv Gandhi Centre of Biotechnology, Thiruvananthapuram	01/07/2019	31/01/2020	1
Internship	Project work	National Institute of Animal Biotechnology, Hyderabad, Telangana	01/07/2019	31/01/2020	1
Internship	Project work	Madhya Pradesh Council of Science and Technology, Vigyan Bhawan, Bhopal	01/07/2019	31/01/2020	1
Internship	Project work	Madhya Pradesh Council of Science and Technology, Vigyan Bhawan, Bhopal	01/07/2019	31/01/2020	1
Internship	Project work	Madhya Pradesh Council of Science and Technology, Vigyan Bhawan, Bhopal	01/07/2019	31/01/2020	1
Internship	Project work	AMRI Bhopal	01/02/2020	31/07/2020	1
Internship	Project work	Madhya Pradesh Council of Science and Technology, Vigyan Bhawan, Bhopal	01/02/2020	31/07/2020	1
Internship	Project work	Madhya Pradesh Council of	01/02/2020	31/07/2020	1

		Science and Technology, Vigyan Bhawan, Bhopal			
Internship	Project work	Madhya Pradesh Council of Science and Technology, Vigyan Bhawan, Bhopal	01/02/2020	31/07/2020	1
Internship	Project work	Madhya Pradesh Council of Science and Technology, Vigyan Bhawan, Bhopal	01/02/2020	31/07/2020	1

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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
ICAR-IISS, Bhopal	22/06/2019	Research	4
AIIMS, BHopal	20/06/2019	Research	3
Madhya Pradesh Council of Science Technology, Bhopal	30/12/2019	Research	4
ICMR- National Institute for Research in Environmental Health (NIREH), Bhopal	28/12/2019	Research	4
CEDMAP, Bhopal	22/06/2019	Skill Development in Students	3

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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
9000.11	6000.69

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
e-Granthalaya	Partially	4.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	89866	104496	0	0	89866	104496
Reference Books	19896	127000	0	0	19896	127000
e-Books	786	150000	0	0	786	150000
Journals	93	200000	0	0	93	200000
e-Journals	31	0	0	0	31	0
Digital Database	2	0	0	0	2	0
CD & Video	25	0	0	0	25	0
Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	0	0	0	0	0	0

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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
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NA	NA	NA	Nil
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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	447	21	36	36	1	9	26	1	0
Added	0	0	0	0	0	0	0	0	0
Total	447	21	36	36	1	9	26	1	0

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

1 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-Lecture developed using the licensed/free Software tools: Zoom, Ezvid	http://www.bubhopal.ac.in/1192/More-Special-Features

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
Nil	9.75	Nil	8.8

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 institution ensures adequate availability and optimal utilization of physical infrastructure as it is critically linked to the vision of the University-`to create an environment of excellence in education' through technologically advanced pedagogical tools. In our institution there are proper classrooms, laboratories, computing equipment according to the requirement. Every department has adequate classrooms and laboratory facility. The computers and equipments are also available according to student ratio. The requirements regarding classrooms especially e-classes facility, laboratories and other equipments also keep in budget in every year plan. Institute has advanced and well equipped computer laboratories with latest configuration in every department. The institute has all supportive equipment's such as printers, scanners, software, speakers, Laptop, LCD projector etc. The class rooms facilitate traditional and modern modes of teaching with technological aids such as LCD projectors, roll-down screens, green boards and podium for faculty. They are centrally air-conditioned and Wi-Fi enabled. The physical infrastructure of the institute includes classroom, seminar halls, computer centre, language laboratory, Library, reading room, workshop, canteen, playground, parking area and hostel in the campus. The institute have adequate

physical infrastructure as per the requirement. The institute follows norms provided concern authority. The institution constantly develops the required infrastructure facilities. It has set of common practices to play in creation of infrastructure facilities. The budget is prepared with the coordination between faculties, HODs, and is submitted for the approval. The institution has adequate number of classrooms, laboratories, research laboratories, computer facility and each department has its own seminar hall. Central Library has reading rooms beside the online literature searching facility. The University have two Internet connections, Leased line (1 GBPS) and supplementary line broadband connection (512 kbps) to each department, networked using wi-fi and cable networking. The common infrastructure facilities including amenities can be used for all the programs depending upon their availability and requirement. The institution facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities are also very important for any institution. The institute with its regular academic activities keeps more emphasis on co-curricular and extracurricular activities. A sports ground is available for outdoor games. The sports room is available for playing indoor games, yoga and meditation, A gymnasium hall is available which remains open for the students at all the time. The institute has social services cell, women empowerment cell, health and hygiene facilities are available for students and staff. The institute also has all the required sports material in good condition and in good number. Many staff and teachers also go for play in play ground. Regular sports activities are organized including inter college, University level and National level sports. Numbers of medals are won by the university student at national and international. Sports: (outdoor) The institute has well established playground for playing outdoor games which is surrounded by wall and trees. The various outdoor games which are played on the ground includes team games like Cricket, Baseball, Badminton, Basketball, Kabaddi, Kho-Kho, Volley ball, Throw ball.

<http://www.bubhopal.ac.in/site/Upload/820abc90-0358-479e-80f6-33e23bc7b8e5.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	Post doctoral fellowship	18	1728000
Financial Support from Other Sources			
a) National	Sc/ST fellowship from UGC/ICSSR/State Govt	7	2604000
b) International	Nil	0	0

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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
Conducted Yoga Meditation classes	30/09/2019	87	School
SAWAYAM moocs	12/08/2019	60	SWAYAM PORTAL

Remedial Coaching	01/06/2020	12	Dept. of Zoology Applied Aquaculture Department of Biochemistry and Genetics
Remedial Coaching	01/06/2020	15	Dept. of Zoology Applied Aquaculture Department of Biochemistry and Genetics
Remedial Coaching	26/12/2019	14	Dept. of Zoology Applied Aquaculture Department of Biochemistry and Genetics
Online Mentor/ Mentee meeting was organized by Women's Studies Department on 12th May 2020 for M.A Women's Studies Students by Women's Studies Department, Barkatullah University, Bhopal	12/05/2020	38	Women's Studies Department

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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
2019	Special Lecture	90	124	12	24

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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil	0	0	26	127	46

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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
2019	60	P.G. Diploma in Yogic Science P.G. Diploma in Yoga therapy	Yoga Department	Yoga Department	M.A./M.Sc. Human Consci ousness Yogic Science
2019	2	M.Sc. (Physics)	UTD Physics BU Bhopal	UTD Physics BU Bhopal	PhD
2019	2	PhD	Arabic	Arabic Department	PhD
2019	2	MSc Biochemistry MSC Genetics	UTD Genetics BU Bhopal	UTD Genetics BU Bhopal	PhD
2020	42	BALLB	Law Department	Law Department	LLM
2020	8	LLM	Law Department	Law Department	PhD

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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	14
GATE	2
Civil Services	2
Any Other	13
Any Other	5
Any Other	1

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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
Nazm	Departmental level	6
Poster Competition	Departmental level	8
Debate competition on budget analysis of budget 2020-21	Departmental level	30
SPORTS SPORTIKA-2019	University level	400
Cultural activity TEKNISTA -2019	University level	800

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
No Data Entered/Not Applicable !!!						
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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)

No Data Entered/Not Applicable !!!

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, The University is having its alumni association. Also, individual departments are having department wise alumni groups, which are actively engaged in communicating with each other. They often gather and share their experiences with the new commers and guide them. In few departments no formal alumni association is there, but distinguished alumni are connected to the institute online. Approximately 200 students are on whatsapp group, 400 on yahoo and more than 1000 students are connected on Facebook with the group name under the umbrella of BUIT.

5.4.2 – No. of registered Alumni:

460

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

A total of 12 alumni meetings/ Alumni talk have been organized during the year 19-20. Various departments who organized the meeting were Yog Dept - 01 meeting (02 February) Women studies - 01 meeting (30.06.2020) BUIT - 01 meeting (26.12.19) Physics - 02 meetings (4.01.19 and 11.06.20) Microbiology - 02 meetings legal studies- 01 meeting Earth Science - 02 meetings CRIM - 02 meeting

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)

The University practices decentralized and participative management approach in all its activities, initiatives and decision making by involving Deans, HoDs and faculty members at all levels. The various committees are in place to review the progress in various functions and accordingly take necessary timely action for ensuring excellence in respective areas. The culture of participative management is promoted by the University involved in decision making at various levels. The University has a well laid down structure supported by qualified and competent teams- The administrative and academic

responsibilities are decentralized to provide effective educational leadership for effective implementation monitoring of various policies, regulations guidelines at various levels. Important among them are Dean Student Welfare (DSW), Dean College Development Council (DCDC), and Examination Controller. The role of DSW to look after all the matters related to student's welfare and organizing cultural activities like Youth Festival at University, Inter University, Zone and finally upto National Level. The DCDC is an independent authority of the university to look after all the matters related to the development of all affiliated colleges related to University. This includes the inspection various courses offered by the colleges, appointment of the faculty in the colleges and other related work for the development of the college. The Examination Controller look after all the work related examination process viz. scheduling of the examination time-table, examination centre allotment, preparation of question papers, all aspects of conduct of examination, valuation of answer books and finally declaration of examination results. It may be pointed out here that that the evaluation of the answer books have been conducted Barkatullah University Leeds Colleges identified by the University in order to declare the result as early as possible. INVOLVEMENT OF STAKEHOLDERS' IN THE REVIEW PROCESS Institution identify eminent experts to integrate their feedback while defining curriculum/ programme. The stakeholders' involved are: (i) Faculty members (ii) Students (iii) Industry experts (iv) External subject experts (v) Experts from research organizations coopted members. (vi) Alumni (vii) Parents

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
Curriculum Development	? Barkatullah University have Board of Study Committees in all the subjects for Curriculum design and development. In addition the Department of Higher Education also constituted Central Board of Study Committee for Curriculum development both for UG and PG courses. The regular meetings of both the Board of Studies conducted from time to time for Curriculum development and deployment. In June 2019, Choice Based Credit System (CBCS) was introduced for all PG level courses in University Teaching Department for which the scheme and the syllabus was framed by concerned Board of Study for the courses running in University Teaching Departments.
Library, ICT and Physical Infrastructure / Instrumentation	? Beside the Central facility of library, every department in the University has its departmental library. The Central Library is well equipped with WiFi facility and furnished reading rooms for the students. The Central Library consist of about 89866 books with about 1500

titles. During this academic year books worth of Rs. 5 lac have been ordered in different subjects. ? In Science, Life Science, Technology and Engineering Faculty, every department is equipped with the instruments useful for classroom teaching/practical and research purposes. In addition the University has its own central instrumentation facility known asUSIC. The science and life science Departments of the University have many sophisticated instruments for research purpose.

Research and Development

? The students are admitted to Ph.D. programmes available in different subjects through online process, followed by written test on OMR sheet. The successful candidates given seat as per the concerned Ph.D. Ordinance of the university. A care has been taken while finalizing the Research Topic in RDC, that it should be of applied nature and have relevance for the development of the society. To encourage the research in the subject, the IQAC of Barkatullah University has organized a Research Seminar exclusively for the Research Scholars of the University Teaching Departments during this academic year. ? In order to encourage the research and development, the Barkatullah University provides funding to the projects submitted by faculty members in different subjects. ? In addition the students are also given the scholarship for their research work by the university. The Physics department of the University has received the grant from various funding agencies like SAP, FIST and BRNS for research and development. All the teachers are involved in Research and development. The final year students are also guided by the teachers for project related work. The Woman Study Department also actively working on Research Development. The Department has completed 8 projects on woman related issues. The Pharmacy Department of the University motivate students for the preparation of GPAT and GRE as well as competitive exams like recruitment of drug inspector and pharmacist in state/central government to pursue their higher education. ? The research development of the research scholars

	<p>have been maintained by the Research Committee of the Department.</p>
<p>Examination and Evaluation</p>	<p>? The performance of the students are evaluated both by Internal and External examination, scheduled by Confidential Section of the University. The assignments given to students are evaluated by the internal faculty members besides the practical examination in science subjects. For external examination the answer sheets are given bar codes to maintain confidentiality of the students. All the answer books are evaluated both by Central Valuation and by sending the answer books to examiners with coding and decoding system. Attempts are made to maintain all possible level of confidentiality and to maintain the academic schedule of the university.</p>
<p>Teaching and Learning</p>	<p>? Regular teaching of all the courses are going on as per the Academic schedule of the university. The faculty covers the syllabus within the stipulated period but in case if the syllabus is not covered due to any undefined reason, the course is covered by engaging the remedial classes by the faculty. The teaching is done both by Black Board and Audio-Visual aid including Smart Classrooms. As far as learning is concerned the students have been given assignments and project work as a part of their curriculum and are exposed to various seminars, symposia, workshops, and training programme from time to time. Fieldwork is also conducted as a part of curriculum in some of the courses as requirement of the subject.</p>
<p>Human Resource Management</p>	<p>? The field of specialization of the faculty members have been used as Human Resources of the University. Faculty members provides consultancy and give popular lectures on different themes of science and society development programme. The Yoga Department of the University running the yoga classes for the citizens of Bhopal on regular basis. The Departments of our institute has undertaken various social drives with the aim to serve community such as health awareness camp, blood donation camps, etc.</p>
<p>Industry Interaction / Collaboration</p>	<p>? Many Departments of Barkatullah University have linkages with many</p>

industries particularly in the field of Science, Life science, Technology, Social sciences, Commerce and Law etc. The students of these departments used to visit industries for academic purposes and underwent training with the expertise available with them. During 2018 - 2019, the Barkatullah University has signed collaborative MOUs with AMPRI, CEDMAP, and IISS institute of National interest.

Admission of Students

? In Barkatullah University, the admission of students are made through advertisement in news papers and on website of the university. The Applications are invited through online process in regular University Teaching Departments whereas for professional courses like Pharmacy, Engineering and Management the admission of students are made through counselling carried out by Department of Technical Education (DTE). The admissions are made on the basis of merit and if the seats are available the admission is made through CLC. The Barkatullah University attracts the attention of students not only from Madhya Pradesh but throughout the country and abroad. For Ph.D. programmes the admission of students are made through online process followed by written test and the seats are allocated to the students on the basis of merit in different subjects.

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

E-governance area	Details
<p>Planning and Development</p>	<p>As far as the implementation of e-governance for planning and development in Barkatullah University is concern, the purchase process has been initiated through GEM online portal. The administrative block and the University Teaching Departments are equipped with 100 MBPS lease line of BSNL and WiFi facility. During COVID-19 lockdown various Webinar and online classes have been conducted on online platform. During this period the Executive Council as well as Academic Council Standing Committee meetings also conducted in online mode.</p>
<p>Administration</p>	<p>? The administration notifications, tenders and Madhya Pradesh government notices are displayed on University Web site. The general notices issued by the</p>

	Vice-chancellor and Registrar of the University are communicated to the faculty members and department HODs through e-mail.
Finance and Accounts	Finance and account section of the University is also facilitated with online payment of the bills and remuneration of experts and examiners associated with the examination work.
Student Admission and Support	The student's admission process is also done through online facility available on university Website in collaboration of MP Online (A Govt. of Madhya Pradesh portal). In addition to this the student support is available online for all types of documents including migration, eligibility, duplicate mark sheet, degree etc. It may be further pointed out that the admission process for the allotment of seat in the hostels (Both Girls Boys) are made through online process. The facility is also available for students to pay their admission fee online.
Examination	In examination process the e-governance is used to conduct online examination of Ph.D. entrance test from this academic year. Ph.D. Viva-voce examination is also conducted in online mode. Filling of the examination forms and declaration of the results made by online through IT agency.

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. Kapil K. Soni	International Congress of the Society for Ethnopharmacology (ICSE - 2019)	ICSE	10000
2019	Dr. P.K.Singh	"Start up e-commerce"	jointly organised by Jiwaji University , Gwalior Confederation of All India Traders (CAIT) on Sept. 24,2019 at	1000

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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)
Nil	00	00	Nil	Nil	Nil	Nil

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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
"Assessing Reading and listening online" organised by Cambridge Assessment English.	1	11/06/2020	11/06/2020	1
"Boosting confidence and Self-Analysis", organised by Christian Eminent college, Indore.	1	23/06/2020	23/06/2020	1
"Development of a smart tool for acetone in Air on a paper platform: A green Chemical Approach", the National conference on Emerging trends and Innovative Science MPCST Bhopal MP.	1	28/01/2020	29/01/2020	2
SERB supported workshop on Advance Material for	1	28/02/2020	29/02/2020	2

energy storage and Conversion devices and Hands On Training on Electrochemical technologies AMPRI CSIR.				
Workshop: life Skill, Health and Management MANIT Bhopal MP Sponsored By TEQUIP III	1	07/11/2019	08/11/2019	2
webinar session held organized by Nirmal Integrated Consultancy (IARS), Aggarwal Education Solution, and Ovocor Zenminder Consultancy Certificate ID:1025 (Verifiable and re-printable at www.iars.info)	1	30/05/2020	30/05/2020	1
"International Webinar on Materials for Energy, Environment and Healthcare Applications" organized by Department of Chemistry, The Gandhigram Rural Institute - DTBU, Gandhigram, Tamilnadu	1	21/05/2020	22/05/2020	2
International Webinar on COVID-19 Pandemic, Prevention and Management by Microbiology	1	04/06/2020	06/06/2020	3

Department Holkar Science College DAVV Indore				
National Webinar On Quality Assessment, Enhancement and Sustenance in Higher Education in the Light of New Framework of NAAC o by SVAC,BU Bhopal.	1	30/06/2020	30/06/2020	1
Mechanisms Occurrence of Detonations in Vapor Cloud Explosions, Georgia Tech. University, U.S.A	1	27/06/2020	27/06/2020	1

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Group Insurance Scheme (GIS), :Available for students 2. Teachers Welfare Fund (TWF) :University level 3. Medical reimbursement for serious illness and diseases, 4. University provide relaxation in tuition fee for the wards of teaching staff, admitted in different courses of the University. :Annexure V 5. The faculty members provides residential accommodation on subsidized rent within university campus. :Available In the campus 6. Yoga Department conduct Yoga Classes for</p>	<p>1. Group Insurance Scheme (GIS), 2. Appointment of staff on compensatory ground, 3. Medical reimbursement for serious illness and diseases, 4. University provide relaxation in tuition fee for the wards of non-teaching staff, admitted in different courses of the University, 5. The non-teaching members provides residential accommodation on subsidized rent within university campus, 6. The University also provides Bus facility to the non-teaching staff for transportation from their residence to university</p>	<p>1. The University provides 3 girls and 3 boys hostels within the campus to accommodate about more than 550 students. 2. Poor students are getting scholarship, 3. Research Scholarship is also provided to the students as a part of welfare scheme of the University, 4. Health Centre with ambulance facility available for students resides in hostels. 5. Time to time Heartfulness Meditation Classes conducted for students to maintain peace of mind, concentration and harmony.</p>

faculty members, 7. Health Centre with ambulance facility available for faculty members.

office and back on subsidized rates. 7. Yoga Department conduct Yoga Classes for non-teaching members, 8. Health Centre with ambulance facility available for non-teaching members.

6.4 – Financial Management and Resource Mobilization

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

Institutional audit is done by the local fund Audit Section established in the university, where a team of auditors has been posted from the Finance Department of Govt. of Madhya Pradesh. All payments are made after administrative approval followed by pre audit process by the auditors. The external financial audit is also made by a team of auditors appointed by the office of Auditor General, Gwalior on regular basis.

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
NONE	0	---
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6.4.3 – Total corpus fund generated

0.00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	UGC
Administrative	Nil	Nil	Nil	Nil

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

University considered the proposals submitted by affiliated colleges for autonomy. The proposals are reviewed as per the criteria given by UGC and the autonomy is granted on the basis of the report submitted by the inspection committee constituted on UGC guide lines. So far 3-4 colleges have been given autonomy.

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

1. Feedback of the Parents are invited from time to time. 2. Parents are contacted by the faculty members to communicate the progress of the ward. 3. Parent – Teacher interaction pave the way for the motivation of the students.

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

1. Computer Training for supporting staff of the University. 2. University is conducting training programme for the support staff from time to time.

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

1. Suggestions made by NAAC peer team is communicated to all HODs for further Enhancement. 2. More emphasis is given for the development of academics, research and infrastructure. 3. Innovation related to societal research and other activities and Best Practices.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
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
2019	Special lecture on National Education Policy was organized at 11 - 2.00pm in the Seminar Hall of Bioscience Department by IQAC, under the chairmanship of Hon'ble Vice Chancellor. The lecture was delivered by Prof. T.V. Kattimani, Vice Chancellor, Ind	15/07/2019	15/07/2019	15/07/2019	55
2019	NAAC Criteria wise workshop on the instructions of Honble Chancellor. Inauguration was held in the Rajbhawan. (A report is to be obtain from Prof.	15/09/2019	15/09/2019	15/09/2019	125

	K.N. Tripathi)				
2019	Workshop on NAAC Criteria - I (Curricular Aspects) Coordinator Prof. K.N. Tripathi. Invited speaker was Prof. S.K. Gupta, Jiwaji University, Gwalior. The workshop was held in Barkatullah University, Bhopal.	19/09/2019	19/09/2019	19/09/2019	175
2019	Workshop on NAAC Criteria - II (Teaching-Learning and Evaluation) coordinator Prof. K.B. Panda. This workshop was held in People's University. Invited speaker was Prof. Agrawal	24/09/2019	24/09/2019	24/09/2019	65
2019	Workshop on NAAC Criteria - III (Research, Innovations and Extension) coordinator was Prof. Vinoy Shrivastava. This workshop was held in the Madhyanchal University, Bhopal.	28/09/2019	28/09/2019	28/09/2019	75

Invited speaker was Prof. R.J. Rao Vice Chancellor Barkatullah University, Bh

2019

Workshop on NAAC Criteria - IV (Infrastructure and Learning Resource) coordinator was Prof. Ragini Gothwal. This workshop was held in Sociology Department of Barkatullah University, Bhopal. The Invited speaker was Prof. Pratosh Bansal, Devi Ahilya

05/10/2019

05/10/2019

05/10/2019

70

2019

Workshop on NAAC Criteria - V (Student Support and Progression) coordinator was Prof. Bhupinder Singh. This workshop was held in Biotechnology Department of Barkatullah University, Bhopal. The Invited speaker was Prof. Avinash Tiwari,

12/10/2019

12/10/2019

12/10/2019

65

Jiwaji
Universi

2019	Workshop on NAAC Criteria - VI (Governance, Leadership and Management) Coordinator was Prof. Mona Purohit. This workshop was held in Sociology Department of Barkatullah University, Bhopal. The Invited speaker was Prof. Arun Kumar Pandey, Vice Chancel	17/10/2019	17/10/2019	17/10/2019	70
2019	Workshop on NAAC Criteria - VII (Institutional Values and Best Practices) Coordinator was Prof. Sadhana Singh. This workshop was held in Sociology Department of Barkatullah University, Bhopal. The Invited speaker was Prof. K.K. Sharma Former Vice Cha	24/10/2019	24/10/2019	24/10/2019	75

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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
'Gender Sensitization Workshop' (for University Students) On the occasion of International Women's Day in Collaboration with Sociology Dept, NSS and Yoga Department of Barkatullah University, Bhopal.	06/03/2020	06/03/2020	30	30
Special lecture On "Engaging Men in Gender Justice" in Collaboration with NSS	27/09/2019	27/09/2019	70	58
Special lecture on 'Everyday Well being: In Alternative Health paradigm' on 22 Jan, 2020 in Collaboration with Maharani Laxmi Bai Girls Hostel, BU, Bhopal.	22/06/2020	22/06/2020	30	27
Webinar titled "Gender Dimensions of Covid-19 Pandemic".	12/06/2020	12/06/2020	32	24

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 is using 470KW from Sustainability/ alternate energy source. Solar panels have been already installed in some departments (UIT, Administrative block, Pharmacy, Microbiology Dept. and Indira Gandhi Girls hostel) and are under process at other places. Percentage of power requirement of the

University met by the renewable energy sources Street lights have been changed to LED 100.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	20
Rest Rooms	Yes	20

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
2020	1	1	21/06/2020	1	International Yoga Day	Yoga and Health	571
2020	2	2	07/06/2020	52	Heartfulness	Mental and Physical Health	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)
Synaptic information for students	01/07/2019	Relevant information pertaining to students is presented in the Synaptic information. The information incorporates different facilities available for students in a capsule form.
Hostel rules	01/07/2019	Hostels for both boys and girls are there in the Barkatullah University premises separate rules and code of conduct are documented. All the hostels are having cooperative mess facility. For the security of students, undertaking from the parents with police verification is taken before admission
Statute 31	01/07/2019	Comprehensive code of conduct for all University employees is

		documented.
Exam Rules	15/06/2020	Exam rules are documented comprehensively in Ordinance. Available in the Websites of BU.
Anti Ragging rules	01/07/2019	The DSW office has properly documented the Anti ragging rules which is taken from the UGC. These rules are available in the University website

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Hara Bhopal Sheetal Bhopal Program	03/09/2019	03/09/2019	15
Teachers Day Celebration	05/09/2019	05/09/2019	12
Swach Bharat Safai Abhiyaan	21/09/2019	21/09/2019	15
Induction Program for the Freshers	25/09/2019	25/09/2019	27
Gandhi 150-Gandhi Jayanti program	02/10/2019	02/10/2019	16
Worlds Unity Day	30/10/2019	30/10/2019	20
Debate Competition	14/02/2020	14/02/2020	25
Alumni Meet	22/02/2020	22/02/2020	20
Integration Program and Group discussion	24/02/2020	24/02/2020	25
Organized workshop on Criterion VII of NAAC	24/10/2019	24/10/2019	64
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plantation in the campus on regular basis. 2. Digital platforms and virtual activities are replacing paper work and paper usage. 3. Ban on usage of one-time use plastic. 4. Regular cleanliness drive by all the departments. All the departments celebrated Gandhi Jayanti(2nd Oct 2019), by cleaning campus as well as departments (Swachch BharatAbhiyaan). 5. Preserving and maintaining water bodies within the campus. 6. Cutting on wastage of paper, water, food etc. 7. Pledge taken by faculty, staff and students to reduce the use of plastic folders, single use disposable folders, to recycle paper waste. 8. This year "Hariyali Mahotsav- Ek Abhiyan Dharti ke Shringarka" was organized and celebrated with great enthusiasm. Number of events were organized on the occasion which included- plantation, selfie competition with plants, reading of pledge, essay writing , painting and debate competition on the issue of

environment conservation. Faculty, staff and students actively participated in the plantation activity.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Academic:

- Academic calendars are prepared in the beginning of academic session. All the activities including admissions, start date of session, exams, results, cultural and sports activities are carried out according to the academic section.
- Welcome programmes are organized by all the departments for newly admitted students where they are introduced to faculty seniors and research scholars. At the same time they are given overview of the departmental academic activities.
- The University has adopted Choice Based Credit System and Comprehensive and Continuous evaluation process has been adopted for all courses.
- The main emphasis is given on experimental work and PG Research.
- Each faculty of UTD is offered Rs. 2 Lakh grant for research projects. The university also provides fellowships to research students from University Funds to promote research activities.
- This year, lockdown period during Pandemic was used as an opportunity by the faculty and students to take a step further towards transforming our teaching and learning system from classrooms to virtual platforms.
- Various expert lectures, webinars were conducted in University departments where experts enlightened our students with their subject knowledge, motivational thoughts and experiences.
- In addition, there is a feedback system from students on regular basis for quality of education, provision of resources, etc. Feedback is then analyzed and improvement plan is initiated.

Administration:

- Regular Meetings are conducted by the Vice Chancellor with Faculty, Officers, Staff and students to improve the quality of education as well as the status of the University.
- The university follows strict rules to maintain University a Ragging free campus. The faculty ensures a continuous interaction with newly admitted students so that they feel at home during their stay in the campus.
- The University encourages Eco-green campus by using alternate energy sources and prioritizes the use of renewable energy. Solar panels have been placed in various departments producing 470 KV of electricity.
- 100 street lights have been changed to LEDs instead of Conventional lights.
- University imparts continuous training programmes for teachers and employees including online class training, computer training for employees etc.
- The University is a secured campus with 24 X 7 security staff.
- The University maintains impeccably clean campus. An agency looks after the whole campus and keeps it clean. Apart from this, departments run cleanliness drives regularly.

Other best Practices in various Departments:

Department of Arabic The aim of the department is to provide higher and vocational educational through Arabic medium. We mainly focus on improving dialect and proper pronunciation to perfect student's Arabic speaking skills. With the use of technology the department try to add value to the individual as to our institute. The department provides workshops and organize seminars for language interpretation. The department also provides workshop on proper use and pronunciation of 'dwad' (an Arabic term). The department also conducts personality development programs.

Department of Biotechnology and Bioinformatics

- The department has Plagiarism check, to ensure Copyright and IPR.
- The department has institutional ethical committee for lab animals.

Department of Microbiology

- The department collects university garden waste for preparation of Vermicompost.
- Use of Mushroom waste for Vermicompost.

Department of Physics The department strives to achieve excellence in Teaching and Research. A great emphasis is given to encourage and motivate students to get in-depth subject knowledge. The students are given opportunity to work with renowned scientists in premier institutes of India. This year 7 students from the department have completed their project works from RRCAT (Indore), IUC (Indore), MANIT (Bhopal) etc.

Department of Regional Planning and Economic

Growth • The students study regional problems and possible solutions. Recognizing, understanding and implementing the linkages between the disciplines like Economics, Geography, Sociology, Psychology in dealing problems of social science is another practice which adds to the uniqueness of the department. Department of Sociology and Social work • To instill in students environmental consciousness, the department has started plant donation practice under the head of Green Initiative. All outgoing students are encouraged to donate a pot or plant a tree in the departmental campus. • Fieldwork is an intrinsic part of the curriculum design. However under this students are encouraged to concentrate on women, children, aged and especially vulnerable sections of society to orient them to social needs and socially responsible behavior. Department of Women study University believes in Gender equality and women empowerment and several programs are conducted regularly on Gender Sensitization by Women Study Centre of the University. • Publications of Books/ Journals on women related issues • Teaching -M.A. Women's Studies course itself is an initiative towards gender equality and justice • Field Visit / Study tours are an important part of Women's Studies Curriculum. This year M. A Students visited Bhimbetika- The World heritage Site. Along with this, village tour was also organized. Department of Yoga • The university aims in emphasizing overall growth at mental, physical and spiritual level. To fulfill this, Yoga department of the University conducts short and long term programs not only for the students of Barkatullah University, but for the local community as well. • The department provides practical skills and related scientific and traditional knowledge required to become a competent and effective therapist and health care adviser. • The department also offers appropriate courses to meet the needs of the changing times. Department of Physical Education • The department encourages plantation by every student and organizes blood donation camp every year. • Organised free of cost special training and coaching program to students. The Institute has produced national and international level players in the field of Hockey, Cricket, Judo, Taekwando, Basketball, Shooting and best physique. The University has a special training/coaching hall with big screen for biomechanical analysis of sports skills.

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

<http://www.bubhopal.ac.in/site/Upload/2ec1d1f3-7cc1-410f-bde2-0a8abb3dd5a1.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

Spread in 380 acres of land of BU is committed to achieve greenery across the entire campus. More than 100 varieties of rare plants having aesthetic and medicinal properties can be seen in the lush green campus of BU. To sustain and maintain the green cover Plantation drive is carried out at periodic intervals. The University is making all attempts to make the campus plastic free. Furthermore, There are 15 earthen ponds in the campus for retaining rain water for about three to nine months. In the same continuation a model of roof top harvesting system has been installed in the department of Zoology and Applied Aquaculture. Conservation of endangered flora and fauna like *Flucortia indica* and *Gmlina arborea* is attempted by the university. For reducing water footprints attempt is made to print the documents on both side of the paper. All the important circulars and information are made available on e mail to reduce paper wastage. Recently, on the initiative of Alumni of Microbiology department at a pilot scale a vermi-composting unit of two tons capacity has been started. Biodegradable waste is collected from the household and disposed here for vermicomposting.

Provide the weblink of the institution

<http://bu.mponline.gov.in/Site/Upload/News/d5657353-9e4a-4022-8dc4-631e0ec9dd86.pdf>

8.Future Plans of Actions for Next Academic Year

Future Plan Bhopal, although developed as educational hub, areas surrounding Bhopal are still educationally backward which need qualitative improvement. In order to promote higher education it is needed that Barkatullah University must grow in following ways: Future Next. a) The education system should be based on cafeteria system of education. In this base departments can float modules of courses/credit per semester. It will help the students to choose courses as per their future needs and will help the university in minimizing the duplication of same courses and papers being taught in different departments to smaller number of students. b) The examination pattern needs urgent attention. Present education system is mainly based on clearing examination and not building knowledge and skills. More emphasis be given on continuous evaluation. c) The university teachers must develop study material for industry oriented courses so that the students can get quality study material. For lab courses manuals be written and for graduate students books in local languages but with scientific terms in English be written. d) The audio visual research center has to be developed to record and circulate lectures of eminent scientist and professors which can be listened by the students in department libraries. e) The universities and colleges should be provided with adequate teachers as without teacher no vision is going to be successful. f) Industry participation has to be increased by signing more number of M.O.Us with them. g) The future of the University lies with the quality of research work, in collaboration with Industries. This will help in developing entrepreneurship in Barkatullah University jurisdiction and surrounding states. h) It is the responsibility of education system to make a student capable of earning their bread and butter at the end of education. All the students cannot be put at the top ladder of job market. We need to train students for every level. Hence there is a need of increasing vocationalization of education.