



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	Bharathiar University
Name of the head of the Institution	Prof. Dr. P. Kaliraj
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04222428101
Mobile no.	9444078778
Registered Email	vc@buc.edu.in
Alternate Email	iqac@buc.edu.in
Address	Marudhamalai Main Road, Coimbatore-641046
City/Town	Coimbatore
State/UT	Tamil Nadu
Pincode	641046

<b>2. Institutional Status</b>					
University	State				
Type of Institution	Co-education				
Location	Semi-urban				
Financial Status	state				
Name of the IQAC co-ordinator/Director	Dr. N. Ponpandian				
Phone no/Alternate Phone no.	04222428228				
Mobile no.	9443552271				
Registered Email	iqac@buc.edu.in				
Alternate Email	ponpandian@buc.edu.in				
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)	<a href="https://b-u.ac.in/141/iqac-home">https://b-u.ac.in/141/iqac-home</a>				
<b>4. Whether Academic Calendar prepared during the year</b>	Yes				
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="https://b-u.ac.in/academic-calender">https://b-u.ac.in/academic-calender</a>				
<b>5. Accrediation Details</b>					
				Validity	
Cycle	Grade	CGPA	Year of Accrediation	Period From	Period To
3	A	3.11	2016	29-Mar-2016	28-Mar-2023
<b>6. Date of Establishment of IQAC</b>	21-Oct-2009				
<b>7. Internal Quality Assurance System</b>					
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 NAAC Revised Accreditation Process	09-Aug-2019 1			231	

One day hands on training on MS Word and Ms Excel for Administrative Staff	25-Sep-2019 1	117
Workshop on Data Processing for NIRF	31-Oct-2019 1	64
Workshop on Enhancing the Leadership Quality	19-Mar-2020 2	73
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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
Microbial Biotechnology	FIST	DST	2019 1825	42
Botany	FIST	DST	2019 1825	81
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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 :**

2

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

IQAC has trained the faculty members for ONLINE teaching through various platforms such as Google, Microsoft, Webex etc.

Organized soft skills and personality development programmes for students to improve placement activities

.Introduced online student Mentorship.

Promotion of ICT usage in teaching learning process in various courses in all the academic programs.

Establishment of three Centres such as Centre for Research and Technology Development, Centre for University - Industry Collaboration, Centre for International Affairs and Centre for Research and Evaluation

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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
Faculty profile to be updated in website	University website was fully reconstructed with updated faculty profile
Reiterated OBE implementation	OBE implementation in evaluation pattern initiated
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**14. Whether AQAR was placed before statutory body ?**

No

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

Yes

Date of Visit

29-Mar-2016

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

17-Feb-2020

**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)

Finance Management System is running with a dedicated server to maintain the financial reports of Bharathiar University. Student fee payment portal is embedded with the university website so that students can pay the fee online without any hassle.

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
MA	18LINC	Linguistics	09/05/2019
MSc	18STAC	Statistics	09/05/2019
MSc	18PHYA	Physics	09/05/2019
MSc	18CHMA	Chemistry	09/05/2019
MCA	17CSEA	Computer Applications	09/05/2019

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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	Mathematics with CA	01/07/1988	Java Programming (19AMAA23D)	01/07/2019
MSc	Biochemistry	01/07/2015	Genetics and Developmental Biology (13D)	01/07/2019
MSc	Bioinformatics	01/07/2007	Cell and Molecular Biology (13A)	01/07/2019
MSc	Botany	01/07/1982	Horticulture, Plants and Medicine, Economic Botany.	01/07/2019
MBA	Business Administration	01/07/1984	Integrated Marketing Communication (3EN)	01/07/2019

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### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Bioinformatics	01/07/2019
MSc	Biotechnology	01/07/2019
MBA	MBA	01/07/2019
MA	English Literature	01/07/2019
MSc	Human Genetics and Molecular Biology	01/07/2019

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Mathematics with Computer Applications	01/07/2000
MSc	Statistics with Computer Applications	01/07/2000
MSc	Electronics and Instrumentation	01/07/2000
MSc	Bioinformatics	01/07/2000
MSc	Computer Science	01/07/2000
MSc	Information Technology	01/07/2000
MSc	Data Analytics	01/07/2000
MSc	Environmental Sciences	01/07/2000
MSc	Econometrics	01/07/2000
MSc	E-Learning Technology	01/07/2000
MSc	Applied Psychology	01/07/2000
MSc	Textiles and Apparel Design	01/07/2000
MCom	Finance and Computer Applications	01/07/2000
MCom	Finance and Accounting	01/07/2000
MA	Tamil	01/07/2000
MA	Linguistics	01/07/2000
MEd	Education	01/07/2000
MA	Economics	01/07/2000
MA	History	01/07/2000
MA	Sociology	01/07/2000
MA	Women's Studies	01/07/2000
MA	Career Guidance	01/07/2000
MSW	Social Work	01/07/2000
MLibISc	Library and Information Sciences	01/07/2000
MA	Journalism and Mass Communication	01/07/2000
BVoc	Business Process Services and Data Analysis (UG)	01/07/2000
BVoc	Multimedia and Animation (UG)	01/07/2000
MSc	Mathematics	01/07/2000
MSc	Statistics	01/07/2000
MSc	Physics	01/07/2000

MSc	Medical Physics	01/07/2000
MSc	Nano science and Technology	01/07/2000
MSc	Chemistry	01/07/2000
MSc	Zoology	01/07/2000
MSc	Human Genetics & Molecular Biology	01/07/2000
MSc	Botany	01/07/2000
MSc	Biotechnology	01/07/2000
MSc	Biochemistry	01/07/2000
MSc	Industrial Biotechnology	01/07/2000
MSc	Microbiology	01/07/2000
MA	English Literature	01/07/2000
BPed	Physical Education	01/07/2000
MPed	Physical Education	01/07/2000
MCA	Computer Applications	01/07/2000
MCA	Computer Applications - Lateral Entry	01/07/2000

### 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
AYURVASTRA	01/07/2019	21
TAMIL MOZHLI KARPITHAL	01/07/2019	28
Organic Farming	01/07/2019	24
Animal Cell Culture Techniques	01/07/2019	10
Nutraceuticals	01/07/2019	10
<a href="#">View File</a>		

#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biochemistry	22
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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

To discern the existing curriculum and available facilities, feedback has been sought from the stakeholders every year. The term Stakeholders include the STUDENTS who are undergoing the course/program and availing the facilities, TEACHERS who are disseminating the course and providing the facilities, ALUMNI who have gone through the course/facilities and finally EMPLOYERS who are utilizing the knowledge gained by the students. The feedback from the students would give an insight into the lacunae in knowledge which forms the base for the addition of more information. This helps in designing the basic/core information to be incorporated in the curriculum. The teacher's feedback provides information about the practical difficulties arising during dissemination of the course which could assist in designing/altering the curriculum. Alumni feedback is an important input which indicates the lacunae in the curriculum to embark into the career and has a major role in designing the curriculum which explains the presence of Alumni in Board of Studies. Finally the employer who is making use of the knowledge gained by the students and who recruit skilled personnel would provide a feedback on the current requirement of skill sets and knowledge. This will be the final clip to shape the curriculum and prepare the student for his/her career. The feedback forms are sought every year from all the stakeholders. The feedback forms collected every year were analyzed and the gist of the feedback is summarized. The ideas and inputs are discussed/analyzed for inclusion in the ensuing Board of Studies to design the curriculum. In addition the same information is taken for preparing the budget for the department to be spent for establishing the infrastructure facilities. The feedback helps the University to review the policies framed for administration based on which several Student clubs, Anti-ragging committee, Internal Compliance committee, etc., has been established for the betterment of the students.

## 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
MSc	MATHEMATICS WITH COMPUTER APPLICATIONS	40	77	38
MSc	BIOCHEMISTRY	25	150	22
MSc	Bioinformatics	20	19	14
MSc	Biotechnology	25	255	25
MSc	Botany	25	159	25

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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	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses



			teaching only UG courses	teaching only PG courses	
2019	150	1261	0	210	225

### 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
225	225	28	79	65	19

[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)

Yes. A faculty member is assigned as a mentor for maximum of 10 - 12 students. The faculty members will take care of the curricular, co-curricular, extra-curricular and [personal aspirants of the students. The mentor faculty members take care of the student attendance, internal marks as well as performance in the end semester examinations. If they found any problem, the student will be called and provide counselling to come out of the problem. If necessary, parents also will be called and problem will be informed. In case students face personal problems like depression, general indifference, etc., they are referred to professional counselors available in the campus. Further, open meetings has to be conducted in the department level in the presence of faculty members and HoD provide an opportunity for the students to get clarity on general issues like hostel accommodation, lab facilities, In addition HoD used to visit the class rooms to listen to the grievances from the students help the students to get mentored.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1411	225	1:6

### 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
250	225	25	0	223

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. R. SAKTHIVEL	Professor	HIGHLY CITED RESEARCHER
2019	Dr. K. MATHIYALAGAN	Assistant Professor	HIGHLY CITED RESEARCHER
2019	Dr. S. GIRIJA	Associate Professor	Best women Faculty award

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### 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	AMAA	NOV 2019	20/12/2019	13/01/2020
MA	ECGC	APR 2020	30/09/2020	15/10/2020
MSc	BOTA	NOV 2019	20/12/2019	13/01/2020

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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
312	2769	11

## 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://b-u.ac.in/syllabus>

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
17CSEA	MCA	MASTER OF COMPUTER APPLICATION	74	61	82.43
18BCHA	MSc	BIO-CHEMISTRY	24	23	95.83
18BIIA	MSc	BIO-INFORMATICS	18	13	72.22

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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://b-u.ac.in/141/igac-home>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. K. Srinivasan	Fellow of the Academy of	27/01/2020	Academy of Sciences

Sciences

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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
UGC - CPEPA (DN)	1825	UGC
RUSA PHASE - I(DN)	730	RUSA
PROJECT ASSISTANT(RKS)	1095	DST-SERB, CRG
University Research Fellowship	720	Bharathiar University
Junior Research Fellow	900	ICMR-Ad Hoc

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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	1095	DST-SERB ICMR Ad-Hoc	69.58	13.39
Students Research Projects (Other than compulsory by the University)	365	Tamil Nadu Science and Technology, chennai	0.17	0.17

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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
National Workshop on Intellectual Property Rights	IPR Cell	21/03/2019
Converting the research work into worth commercialization - claim drafting	IPR Cell	29/08/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Highly Cited Researcher	Dr. R. Sakthivel	Clarivate Analytics, United States	Nil	Highly Cited Researcher
UGC-Mid career Award	Dr. P. Ponnuragan	University Grant Commission, New Delhi	Nil	National

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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
NIL	NIL	NIL	NIL	NIL	Nil
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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
APPLIED MATHEMATICS	1
BIO-INFORMATICS	3
BIO-TECHNOLOGY	7
BOTANY	2
BSMED	16
CHEMISTRY	4
COMMERCE	5
COMMUNICATION MEDIA STUDIES	1
COMPUTER APPLICATIONS	3
COMPUTER SCIENCE	3
ECONOMICS	2
EDUCATION	3
EDUCATIONAL TECHNOLOGY	1
ELECTRONICS AND INSTRUMENTATION	1
ENVIRONMENTAL SCIENCE	4
EXTENSION, CAREER GUIDANCE STUDENTS WELFARE	1
HUMAN GENETICS MOLECULAR BIOLOGY	3
INFORMATION TECHNOLOGY	1
LIBRARY AND INFORMATION SCIENCE	2
LINGUISTICS	6
MATHEMATICS	9
MEDICAL PHYSICS	2
NANOSCIENCE TECHNOLOGY	10
PHYSICAL EDUCATION	4
PHYSICS	4
PSYCHOLOGY	6
SOCIAL WORK	1
SOCIOLOGY POPULATION STUDIES	3
STATISTICS	7
TAMIL	6

TEXTILES AND APPAREL DESIGN	2
WOMEN'S STUDIES	1
ZOOLOGY	13

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	APPLIED MATHEMATICS	27	Nil
<a href="#">View File</a>			

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
APPLIED MATHEMATICS	1
BIO-CHEMISTRY	1
BIOTECHNOLOGY	1
<a href="#">View File</a>	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Deposition of sub-5 nm thickness silicon dioxide and metal oxides films and sol-gel dip coating processes thereof.	Filed	370658	29/06/2021
<a href="#">View File</a>			

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
<b>No Data Entered/Not Applicable !!!</b>						
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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
<b>No Data Entered/Not Applicable !!!</b>						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
<b>No Data Entered/Not Applicable !!!</b>				

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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
BIO-TECHNOLOGY	Nil	T. Stanes Company Limited, Coimbatore	6787
MICROBIAL BIO-TECHNOLOGY	Water quality analysis	SERENE SENIOR CARE PVT LTD.	117103

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
MICROBIAL BIO-TECHNOLOGY	Water quality analysis	SERENE SENIOR CARE PVT LTD.	117103	5

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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
Hands on training in DNA Barcoding	BIO-TECHNOLOGY	5	150

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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
TNSCST - Student Project Scheme	Nil	The Member Secretary, Tamil Nadu State Council for Science and Technology, DOTE Campus, Chennai - 600 025	500

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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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Sensitization Programme for Women on Breast Cervical Cancer	Department of Social Work	Sensitization Programme	2	50

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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
Research publication	Dr. R. Sakthivel	Nil	Nil
Student exchange	M. Kasipandi	DST	365

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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
Product /Process Development	Product /Process Development	Indus Biotech Pvt. Ltd., Maharashtra (Phase - IV)	01/04/2019	31/03/2020	Nil

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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
NASSCOM	Nil	Students Training	150

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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
620	601

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing

Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	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 patially)	Version	Year of automation
KOHA	Fully	20.05.00	2014

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	178492	163508758	0	0	178492	163508758
Reference Books	12671	0	0	0	12671	0
e-Books	2700	2000000	0	0	2700	2000000
Journals	504	1569589	89	318525	593	1888114
e-Journals	7000	0	0	0	7000	0
Digital Database	5	2180465	1	236000	6	2416465
CD & Video	857	0	0	0	857	0
Library Automation	1	95000	0	0	1	95000
Weeding (hard & soft)	14216	2735234	0	0	14216	2735234
Others(s pecify)	3850	0	1667	Null	5517	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
Dr.S.Thangarajathi	Media Selection in E Assessmkent	SWAYAM	Null
Dr.S.Thangarajathi	System Analysis for E-Assessment	SWAYAM	Null
Dr.Rose Varuna	Industry 4.0	Econtent	Null



Compliance using IOT

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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	1259	109	1259	1	2	27	38	1	0
Added	0	0	0	0	0	0	0	0	0
Total	1259	109	1259	1	2	27	38	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
Live Broadcast Professional Studio	<a href="https://b-u.ac.in/28/department-communication-media-studies-major-facilities">https://b-u.ac.in/28/department-communication-media-studies-major-facilities</a>

#### 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
1023	43	447	65

##### 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 Engineer Office of Bharathiar University has a dedicated office that looks after the physical infrastructure like class rooms, administrative blocks, laboratories, sports, complex and other physical assets including the services like water supply, electricity etc. The University Engineer is heading the office with a team of dedicated engineers, technical staff and other supporting staff under the categories of civil and electrical engineering. Engineer office function based on set of well defined procedures and SoPs which are similar to the one followed in government establishments like PWD. It also looks for the provisioning and maintenance of furniture in the buildings, class rooms, laboratories. Complaints on maintenance can be lodged electronically as well as manually. The mail ids to which the complaints can be sent to all HoDs and displayed. The Usage of central facilities like auditorium, guest house, seminar halls, is centrally controlled by the Registrars office. Seminar halls attached with the departments are controlled by the respective departments. The University Registrars office purchase section takes care of purchase of equipment and their maintenance in laboratories etc. The public relations office provides transport facilities for the faculty members to visit nearby institutions on official duty. The

University Data centre take care of the network connectivity and maintains the website of the University.

<https://b-u.ac.in/welcome-bu>

## 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	Free Education Scheme	0	0
Financial Support from Other Sources			
a) National	Government of Tamilnadu Postmatric scholarship for BC/MBC/DNC	1039	5949042
b) International	Nil	0	0

[View File](#)

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Hands on Workshop : Genetic and Molecular Biology Techniques	06/05/2019	22	Department of Human Genetics, Molecular Biology and Biotechnology, Bharathiar University

[View File](#)

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	IBPS	33	33	0	0

[View File](#)

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	7

### 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
22	120	67	62	720	127
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	4	M.Sc Biotechnology	Department of Biotechnology	Bharathiar University	Ph.D
<a href="#">View File</a>					

#### 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	29
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Cultural	National	650
<a href="#">View File</a>		

### 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	First Place	National	Nil	12	Nil	Mr.R.S.A nanthkumar
<a href="#">View File</a>						

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

Bharathiar University students representation on academic and administrative bodies / committees of the institution is given below. In every program, each semester there is a class committee represented by students from every class in the semester. The class committee also has a faculty representation. This committee meet several times during the semester to discuss all academic issues.

### 5.4 – Alumni Engagement

#### 5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Bharathiar University Alumni Association has been formally inaugurated on 22nd Oct. 2001. The long cherished desire of the students to come back to their Alma matter has been achieved. In an era of networking and collaboration, it is the alumni support, which is definitely a value addition for any institution destined to move towards excellence. Thus, the inauguration was a tremendous success. Alumni are an institutions brand ambassadors, carrying their core values of excellence, lifelong learning of inclusiveness and diversity all around the world. The ethos and character of the institutions are expressed into their professional and social life style. Alumni can therefore, play a vital role not only in spreading the name of the institution but also raise the quality of the institution that they hail from. They can provide sustainability to the parent institutions through both by imparting training in innovative skills to their Alma mater and by extramural funding which are so necessary for the growth and development of any higher education institution. Global Bharathiar University Alumni Network has been conceived by the Hon'ble vice chancellor as an effort to bring together the alumni present in different parts of the world. This will reestablish and reinstate the placental cord between the alumni and the university to facilitate cultural as well as professional exchanges for mutual growth and development. The alumni shall promote the interest, welfare and educational aims. Alumni, establish and maintain a mutually beneficial relationship between University and its alumni, and encourage lifelong engagement of BU alumni with their fellow alumni and the university community. It shall provide a forum for the exchange of information and ideas and shall seek to develop programs involving alumni in various activities and services.

5.4.2 – No. of registered Alumni:

4150

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

666000

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni coordinators meeting was held in the Seminar Hall of the Department of Microbial Biotechnology, Bharathiar University at 3.00 PM and The following resolutions have been passed in the meeting: ? During the 'Alumni Meet,19-20' held on 25.01.2020 at Usha Kirthilal Mehta Convention centre, Bharathiar University, only 11 retired Professors attended and received the honour. The remaining shields were decided to be distributed in the next Alumni Meet. ? It was resolved that the yearly 'Alumni Meet' will be held on the third Saturday in the month of December. ? To increase the number of Alumni members, the department Alumni coordinators were requested to work towards gathering more information about the students who have completed their degree in their respective departments. o In that line each department was requested to nominate two student Alumni co-ordinators (1 male and 1 female) preferably who are at present pursuing higher degree in the department which may be informed to the Alumni Association not later than 11.02.2020 o Also the list of all students with their contact details of who have completed degrees in the departments may be furnished on or before 18.02.2020 ? In the ensuing Graduation day, it was decided to distribute Alumni membership card to all the students who are graduated in the year 2019 ? It was resolved to conduct an awareness camp in which Life skills - Knowledge on first aid/medical attention would be taught to all the students of Bharathiar University. This is scheduled to be held in July 2020 which would be co-ordinated by the alumni coordinator of Sociology Department. ? It was resolved that the departments who are conducting Alumni meets in their respective departments shall send the report of the meeting to the BUAA for documentation. ? It was resolved to request the

University authorities to transfer the amount received as Alumni fee to the bank account of BUAA. ? It was resolved to request the University authorities to provide space for setting up an office and permission to engage a clerical staff for maintaining the records of BUAA.

## 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 has a policy to decentralize the administration based on the requirement. The departments have been given authority for PG admissions. The applications are received by the department. The department committee scrutinizes and selects based on both past academic and entrance examinations. Final admission list is submitted to the University at the end of the selection process. End semester examinations are also conducted under the supervision of Department faculty members in the respective departments A separate section has been established to improve the research infrastructure and procure more sophisticated analytical instruments. The faculty members are given representation in various committees/cells such as Flying squad for University examination inspection, Inspection commission for program approval in various affiliated colleges, Academic council of Affiliated colleges, Governing council of affiliated colleges and Result passing board of both Universities and Colleges The department has given freedom of instituting new courses with the approval of Board of Studies

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

Yes

### 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Human Resource Management	Need based workshops and training programmes are conducted by the respective departments to give hands-on training to the teachers to make them familiar with the latest techniques. Through UK-India Education and Research Initiative (UKIERI), the University has an exchange programme of faculty members / research scholars for their study and research work. In order to improve the performance of the members of teaching faculty, several faculty development programmes such as orientation programmes, workshops and other HR training programmes are organized regularly by the respective departments and the Academic Staff College of the University. The internal promotions for the teaching faculty are done by Career Advancement Scheme (CAS). As per the norms, teaching staff are recruited and assigned with optimum workload of teaching, research and extension activities. Regular training

programmes on the use of computers and latest technologies are given to the non-teaching staff. The members of the faculty are encouraged to participate and present papers in the National and International forums by way of meeting the financial commitments partially.

**Admission of Students**

PG Admission The selection of candidates for various PG courses is based on marks scored by the candidates in the entrance test and marks secured by them upto 5th semester / II year of the UG Degree. A merit list is prepared following the reservation norms of the Tamil Nadu Government. Programmes specific cut-off marks are generated based on the number of applicants and waiting list is also prepared. The students are duly intimated and called for admission. For some courses direct admission is also done. The admission for professional courses such as MBA and MCA is done based on marks scored by the candidates in Tamil Nadu Common Entrance Test (TANCET) and marks secured by them upto 5th semester / II year of the UG Degree. The counselling letter in the ratio of 1:4 is sent with the fee structure. If vacancies exist after the first counselling, a maximum of five candidates for every vacancy is called for further counselling. M.Phil. and Ph.D. Admission Bharathiar University has adopted the UGC regulations 2016 pertaining to the minimum standards and procedure for awards of M.Phil. / Ph.D. degree. M.Phil. and Ph.D. admissions are also based on the marks scored by the candidates in the common eligibility test (CET) and marks scored by them in the qualifying degree examination (PG/ M.Phil. Degree). All admissions are based on the communal reservation norms of the Tamil Nadu Government.

**Teaching and Learning**

The University conducts periodic training programs on adopting new technologies of ICT to better equip the teachers to have Computer and internet access. In the University campus, Internet facilities are made available to researchers, academics, students and administration to use information and communication technologies. The University encourages blended learning by using e-learning resources. The computer aided learning is given

priority. The Wi-Fi internet and Cabled Internet Access is available in all the Departments, Library and in open spaces of the campuses to enhance the scope of e-learning. In addition, the University subscribes to databases facilitating quick e-survey of the literature by giving only keywords. The University also arranges orientation programs, sensitization/awareness programmes and hands-on training for the optimal use of facilities. All the Departments in the University use modern multimedia teaching aids like LCD, Virtual instruments through computer animation and computer systems and online facilities. Some of the Departments have been planned to equip with smart class rooms.

Industry Interaction / Collaboration

The Centre for Collaboration of Industry and Institution (CCII) is an approved institutional program division under which industries are permitted to offer non-traditional / para professional / occasional / industry oriented Diploma, Post Graduate Diploma, Degree and Post Graduate Degree programmes. The main objectives of CCII are to: Provide open learning system Promote linkage between University and Industries Innovate and offer educational programmes in various disciplines with synergistic interaction with industry and society Inculcate among students a global vision with skills of international competence Provide placement to all the students through approved industries / institutions Students undertake project training at Research labs / industry for a period of 6 months during final semester.

Examination and Evaluation

Post-Graduate: The continuous assessment tests are conducted at regular intervals and the students are assessed on the basis of written tests, seminar presentations and assignments. The end semester examinations are held after completion of 75 working days (6h/day). Meetings of monitoring committee of CBCS convened by the Vice Chancellor are held to plan the schedule for teaching - learning and evaluation. The schedule is prepared in consultation with the Heads of the Departments. M. Phil. and Ph. D. Part - 1 examinations are conducted for

M.Phil.and direct Ph.D. research scholars after 6 months of their admission. The reports of M.Phil.research scholars are evaluated by experts and internal viva-voce is conducted. The reports of Ph.D research scholars are evaluated by Indian and Foreign experts and open viva-voce is conducted. To qualify for a pass, a student should secure a minimum 50 mark in the examination, in case of PG and M.Phil.examinations. Attending two Doctoral Committee meetings are mandatory for the Ph.D students to submit their thesis. Publication in reputed journal is mandatory for submission of Ph.D Thesis. Admission for direct Ph.D is based on the marks secured in the Common Entrance Test (CET) along with other basic qualifications.

Curriculum Development

The syllabi and curriculum have been modified to cater the needs of the society and industry.. Introduced various core, elective, supportive courses. The entry question pattern was changed which consists of multiple choice questions and analytical problem - oriented questions which will be highly useful for the students to appear for the competitive examinations. (Online courses SWAYAM /MOOC/NPTEL are offered. Value added Courses, Add on Courses, Skill based courses are also offered. The syllabi have been modified in such a way that students can effectively appear for competitive examinations such as CSIR/UGC-NET,CAT, UPSC and GATE).

Research and Development

The University has a Research Board functioning under the chairmanship of the Dean of Research. Research Board meets once in a year and based on the need it meets even twice a year. Composition of Research Board: Dean of Research, Faculty of Research, Chairman and Industrial Experts - 3 Deans of Various Faculty - 4 Principals of Affiliated Colleges - 2 Association of University Teachers - 2 Professors / Scientist of other Universities and Research Institutions - 3 Student Representatives - 1 The 10 Departments of University are funded by UGC-SAP and another 8 by DST-FIST. Faculty members have active research programmes and funds from funding agencies. Research



work is published in reputed national and international journals. In University Research laboratories are well equipped with required facilities and having modern sophisticated instruments. The Departments have organized conferences, seminars and workshops for teachers and students. Faculty members regularly participate in International National conferences, Seminars and workshops etc

Library, ICT and Physical Infrastructure / Instrumentation

Students use various database, online tools and videos for practical and research. In fact, faculty teaches through research articles and further the students review more literature on the same on their own research interest and understand the process of researching. University library added new books, Journals online study material for students researchers. The University participate in Shodhganga by depositing the Ph.D thesis with INFLIBNET for electronic dissemination through open access. More than 500 thesisure uploaded. Separate Multimedia section is available to the users for effective use of audio visual resources in the library. Bharathiar University has become partner in National Knowledge Network as result of which we could access the higher end networking. Library operations are mostly computerized especially circulation of books through OPAC. Library has bar-coded the document collections. Provisions are being made to provide internet access to the library users so as to enable them to access the various learning resources available in the academic websites. Besides, the university library is a member of UGC - INFLIBNET - INFONET, E-Journal Consortium. Intranet facility for e-governance with bandwidth of 30 mbps is available in the campus in order to maintain paper free communication between the departments as well as to connect academic and administrative units. Common Computer Centre has established.

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

E-governace area	Details
Planning and Development	-
Administration	-

Finance and Accounts	Entire financial operations are through online using a central ERP Finance Management System developed by the University. The following are the main operations under FMS: Salary Purchase Transfer of project funds Funds for various student, fellowships, Faculty activities Internal research grants Preparation of accounts statement.
Student Admission and Support	The admission process is happening through ONLINE application process. Also, payment of fee, hostel admission, and sanctioning of scholarships all are done online.
Examination	Most of the examination process is computerized highlights of which are furnished below: Payment of examination fees. Issue of hall tickets, Central valuation system

### 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.Zenetta Rosaline and Dr. Kamalaveni	National Womens Studies Association of USA 40th Annual Conference	(NWSA) National Womens Studies Association of USA	350000
<a href="#">View File</a>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	123rd Orientation Programme	Nil	20/06/2019	10/07/2019	30	Nil
2019	Short Term Course on Research Methodology (Science)	Nil	12/09/2019	18/09/2019	36	Nil
2019	Short	Nil			42	Nil

	Term Course on Disaster Management		04/12/2019	10/12/2019		
2020	Interaction Programme for Ph.D. Scholars (Social Science)	Nil	22/01/2020	11/02/2020	20	Nil
2020	Nil	Workshop for Administrative Staff Members	16/03/2020	18/03/2020	Nil	40
<a href="#">View File</a>						

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
UGC sponsored Short Term Course on Research Methodology(Sciences)	1	12/09/2019	18/09/2019	7
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	51	0	9

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• 50 tuition fee concession in School of Distance Education is given for permanent teaching and non-teaching staff and their wards</li> <li>• University offers two extra seats in all PG courses to the wards of the teaching faculty and administrative staff</li> <li>• Health insurance schemes are available for teaching and non-teaching staff</li> <li>• Bharathiar University has</li> </ul>	<ul style="list-style-type: none"> <li>• 50 tuition fee concession in School of Distance Education is given for permanent teaching and non-teaching staff and their wards</li> <li>• University offers two extra seats in all PG courses to the wards of the teaching faculty and administrative staff</li> <li>• Health insurance schemes are available for teaching and non-teaching staff</li> <li>• Bharathiar University has</li> </ul>	<ul style="list-style-type: none"> <li>• Free Education scheme for students from economically weaker section. The affiliated colleges were requested to admit one girl student (either first generation learner or meritorious but economically weak) under Free Education Scheme in each programme against which they were permitted to enhance their sanctioned strength for the admission by 5.</li> </ul>

associations for both Teaching and Nonteaching staff which take care of their welfare. • There are two co-operative societies in Bharathiar University viz., Bharathiar University Employees' Co-operative Housing Society Ltd. and Bharathiar University Staff Co-operative Thrift and Credit Society Ltd. for the welfare of Teaching and non-teaching members.

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#### 6.4 – Financial Management and Resource Mobilization

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

The Local Fund Audit conducts audit on all the accounts operated by the Finance Office of the University. The accounts of all Departments of University, PG Extension Centre and all the Constituent Colleges every year and issues the Audit Report and Annual Accounts in respect of this University in the respective financial year. Further, the Principal Accountant General of India inspects the Annual Accounts in respect of this University issue the Audit slip regarding any objection.. The local Fund Audit objections to be settled by conducting audit joint sitting meeting with the Local Fund Audit section. The reply with regard to AG audit objection has been obtained from the respective authorities and it is being sent to the Principal Accountant General for settlement of paras.

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
Bharathiar Endowment	10465690.44	Endowment
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

703047057

#### 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	Experts from Other Institutions	Yes	IQAC
Administrative	Yes	Experts from Other Institutions	Yes	University

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

The College Development Council (CDC) of University encourages the affiliated colleges to go for autonomy by sending communications on routine basis. The CDC directs any communications that are received from UGC regarding autonomy to the affiliated College

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

Parent - Teacher meeting is conducted every semester informally. The parents are invited to provide their suggestions in improving the curriculum as well as the infrastructure facilities of the University. Teachers also inform the progress of their wards on regular basis.

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

1. Training Programme for lab technicians 2. Computer Training for non-teaching staff. 3. Training program for File handling and DTP Operators.

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

1. More than 60 faculty members are recruited in all the University Departments to qualify to apply UGC-SAP, DST - FIST, DBT BUILDER programs etc. and also to improve the student : teachers ratio. 2. The University has initiated to start new language courses in French, German etc. for the students and faculty members. 3. The University has signed MoU with MHRD - EDCIL and ICSSR to admit the foreign students. 4. Necessary steps were taken to utilize the sanctioned budget by all the departments.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	OBE implementation in evaluation pattern initiated	16/08/2019	11/09/2019	13/11/2019	25
2019	University website was fully reconstructed with updated faculty profile	16/08/2019	11/09/2019	13/11/2019	10
No file uploaded.					

**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	Period from	Period To	Number of Participants
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programme			Female	Male
Sensitization Programme for Women on Breast Cervical Cancer	28/09/2019	28/09/2019	50	0
Awareness Programme on "Drug Abuse Prevention"	25/09/2019	25/09/2019	50	55
Awareness Programme on "Drug Abuse Prevention"	27/09/2019	27/09/2019	55	45
Awareness Programme on "Drug Abuse Prevention"	30/09/2019	30/09/2019	55	40
Awareness Programme on "Drug Abuse Prevention"	01/10/2019	01/10/2019	60	55
Awareness Programme on "Drug Abuse Prevention"	03/10/2019	03/10/2019	60	40
Awareness Programme on "Drug Abuse Prevention"	10/10/2019	10/10/2019	60	55
Women Studies and Gender Sensitization	20/11/2019	03/12/2019	60	45

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

Under RUSA, 452 Kw solar power plants were installed in both academic and residential campuses. LED lights were also installed in academic campus which are functioning well. These installations are governed by University Engineer and are under the comprehensive maintenance by the installer through TEDA. Total of 3,17,181 units have been generated during last 23 months which saved the total cost of Rs. 20,14,150/-. In view of floral biodiversity in terms of non-flowering plants at Bharathiar University campus, 72 species belonging to Lichens, Pteridophytes, Bryophytes and Mycoflora like Mushrooms were recorded. In view of faunal biodiversity 25 species of Grasshopper, 11 species of Termites, 32 species of Amphibians, 17 species of Reptiles, 73 species of Butterflies and 3 species Mosquitos were recorded. The campus has a maximum number of more oxygen producing and carbon dioxide absorbing plants such as Areca Palm, Money plant, Neem tree, Arjun tree and Pongam trees including some of the shrub and herbal plants. Bharathiar University is created massive facilities for solid waste management and wastewater treatment to purify the wastewaters using activated-sludge to manage both solid wastes and wastewaters effectively without harming the environment. Steps were taken to fit HVLS Fans

and Exhaust fans in the auditorium and Indoor stadium for proper ventilation and to replace old generation computers and TVs with LED monitors and old incandescent (tungsten) bulbs with LED lights and install automatic street solar lights towards electrical energy savings. Steps were taken to procure the equipment with energy efficiency (4-5 star rated equipment) during replacement to

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	600
Provision for lift	Yes	2000
Ramp/Rails	Yes	2000
Braille Software/facilities	Yes	500
Rest Rooms	Yes	5000
Scribes for examination	Yes	450
Special skill development for differently abled students	Yes	1200

#### 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
<b>No Data Entered/Not Applicable !!!</b>							
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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)
Swami Vivekanandar Higher Research and Education Centre	Nil	The Swami Vivekananda Higher Education Research Center is functioning at Coimbatore Bharathiar University under the 110th order of the Government of Tamil Nadu. Functions are to conduct Research Projects, Conduction seminars conferences, conducting student awareness workshops, one year Diploma course on Swami Vivenkananda thoughts, Six months Certificate course on Swami Vivenkananda thoughts

Bharathi Counseling Centre	Nill	The Bharathiar Counselling Centre was established in the year 2001 by an executive decision of the University. The Counselling centre focuses mainly on the personal, psychological, academic and other related problems of the individuals. The counselling services are rendered free of charges to the students, Scholars, staff, faculty of the campus as well to the general public.
CUIC Office	Nill	The primary motto of the centre is to offer placement assistance, training, soft skill development and inviting industries for students' placement. In addition to the above, the centre will offer job oriented / Industry relevant and skill oriented courses to the students for enhancing the employability of the students and scholars.
Incubation - Data Centre	Nill	Internet facility is provided to all faculty members, research scholars, students and officers of the University through 1Gpbs connectivity of National Kanlledge through BSNL. The optical fibre cable connectivity for academic and hostel buildings were established with WIFI facility through Campus Local Area Network project of National mission on Education through Information and Communication Technology and DST-PURSE (phase II) program.
IQAC - Office	Nill	IQAC initiated to develop the outcome based curriculum and same has been implemented by all



		Departments ? Trained two faculty members from each department for Open Source Learning through Web Portals like SWAYAM, MOOC courses (Massive open online course), Coursera etc. The IQAC is developing University database for applying the National Institutional Ranking Framework (NIRF), and several other rankings (The Week, India Today, Nielsen India etc)
IPR Policy - Office	Nil	Bharathiar Universitys Intellectual Property Rights Cell (IPR) cell, is active in Fulfilling its commitment and obligation towards the institute. The Prime purpose of its establishment was to spur the productive of the university in terms of creating intellectual assets through the R D. IPR cell has been the front-runner in continuously creating awareness and sensitizing about the importance of IPR and patent drafting by organizing workshops and training sessions.
SC/ST Cell	Nil	The Special Cell for SC/ST is established in our University as per the guidelines of University Grants Commission and based on the Syndicate resolution vide.
Anti- Ragging Committee	Nil	A Student, who is found guilty of ragging, would face several punishment like cancellation of admission, suspension, withholding of results, suspension/expulsion from the hostel, fine of Rs.25,000/- etc. A collective punishment would be given when the persons involved in ragging.

Women Cell - Centre	Nill	For the benefits of Women Employees and students Bharathiar University Womens care centre (BUWCC) offers an assortment of activities such as counselling, helping ailing women staff and students and organizing free medical camps along with the conduct of a range of competitions.
IAS Academy - Centre	Nill	Anna Centenary Civil Services Coaching Academy is functioning through the funding of Anna Institute of Management, Chennai, Govt of Tamilnadu. About 100 trainees from coimbatore, Nilgiris, tripur, Salem, Krishnagiri, Dharmapuri, Namakkal, Madurai, Ramanathapuram, vellore Tiruvannamalai districts are undergoing Civil Services Preliminary examination coaching under this institute.
Swayam - Office	Nill	The Bharathiar University has successfully implemented SWAYAM in the University Departments as well as in the Colleges affiliated to the University. The UGC SWAYAM corodinator constantly coordinates between the University Departments and Colleges on one side and tyhe UGC on the other. Every College and University Department has a SWAYAM mentor.
Alumni - Association	Nill	BUAA is a growing group of academics who could partake in the activities of the Alumni Associatio and University welfare. Bharathiar University Is an illustrious institution that has positively shaped the lives of those who entered its portals.

		<p>Bharathians are spread out across the world, holding positions of eminence. At present there are aroud 1001 registered Alumni members which would grow in numbers in futire.</p>
<p>Legal Section</p>	<p>Nill</p>	<p>The Legal Section of the Bharathiar University is functioning as a separate wing associated with Establishment section of the Registrars office to overseas every aspects of the Universitys legel affairs. The main function of the legal section typically includes as maintaining and defending the laws suits before the cpurt of Law</p>
<p>Bharathiar University Community College Consultancy Centre-BU (CCCC)</p>	<p>Nill</p>	<p>The Bharathiar University launched the community college system and institutionalized the same as a statutory institution, named bharathiar University Community college is to empower the disadvantaged and the under privileged through skill development programmes and make them gainfully employed. it mainly concentrates on the urban poor, rural poor, tribal poor and women</p>
<p>Bharathiar University Act</p>	<p>01/02/1982</p>	<p>The Bharathiar University was established at Coimbatore by the Government of Tamilnadu in February 1982 under the Bharathiar University Act, 1981 (Act 1 of 1982). The erstwhile Postgraduate Centre of the University of Madras formed the core of the Bharathiar University, which was functioning at Coimbatore before 1982. University Grants Commission (UGC)</p>

		recognized Bharathiar University in 1985 for grants.
U.G.C INFONET/DELNET	Nill	Bharathiar University Libraray is a member of UGC-INFLIBNET-INFONET E-Journal Consortium Separate internet connectivity is available to access more than 7,000 titles of journals from 19 national and International publishers and aggregators through 40 systems in the UGC-INFLIBNET /DELNET digital library e-journal Section
Green Box	Nill	In order to reduces the grievences of the students and other Stakeholders, a system is introduced is the University by way of placing a GREEN BOX at the entrance of the lobby. Grievances can be addressed to the authorities also through e-mail. The Whole System of the redressal of grievance is directly handled by the Vice Chancellor
NADD Cell	Nill	National Academic Depostitary is an Intiative of Ministry of Human resource development Govt of Indoa to facilitate digital issuance, Storage, access and verfication of Academic Awrads issued by Academic Institutions. NAD is intiative under Digital India theme towards achieving Deigital enablement of the Education records where employers can verify the academic credentials of students 24X7. Bharathiar University NAD cell of controller of examination Section has initiated the process of submitting certificatesto NAD signed

		<p>MoU to NSDI an implementing organization recommended by MHRD during december 2017. Academic Degree Certificates of University Departments, Autonomous and Affiliated colleges are lodged in NAD for 2015,2016 and 2017</p>
EDUSAT CENTRE	Nil	<p>Edusat Centre of Bharathiar university is one among the satellite Interactive terminal of University Grants Commission- UGC CEC established only in selective reputed higher education education institutions. The centre is functioning at the department of educational technology of our university</p>
Annual report	01/04/2016	<p>This Annual Report highlights the important developments and significant achievements of the thirteen schools comprising the academic Departments of the University, School of Distance Education, Administrative Sections, Controller of Examinations office, Finance Office, Estate Management office, Youth red cross, Youth Affairs, library, Human Resource Develop Centre, Constituent Colleges and Research Institutions</p>
COLLEGE DEVELOPMENT COUNCIL	01/06/2016	<p>The CDC Bharathiar University serves as a link between affiliated colleges and University Grants commission. Both academic and administrative programmes of the affiliated colleges are processed by the college Development Council. The Periodical policy decisions and the recommendations of the UGS are systematically</p>

		transmitted to the affiliated institutins for informtion and action
Academic calendar for students	Nil	The Academic Calendar of Bahrathiar University is a planned document for the faculty members, students, staff and other stakeholders. It includes a complete schedule of commencement of classes, internal evaluation schedule, observation days, co curricular activities, tentative examination schedule, etc.
Internal Complaints Committee	Nil	The ICC is constituted in our University as per the University Grants Commission Regulations, 2015. The Focus of the ICC is to give effect to the policy of Zero tolerance of gender based violence on University Campus.
MultimODAL Material Preparation Centre	Nil	In an era where inclusive development is being emphasized as the right towards sustainable development, focused intitives fo rthe welfare of disabled persons have become essential. To address the challenges of the disabled, a disability resource centre called Multimodal Materail Preparation Centre has been established in the Bharathiar University and its being supported and facilitated
CENTRE FOR COLLABORATION OF INDUSTRIES AND INSTITUTIONS (CCII)	Nil	The Act section 25 of chapter XIV empowers the syndicate to enter into an agreement with central and state government an private Managements apart from specified purpose any other purpose not repugnant to the provision of this ACT and also empowers to

		<p>institute University Centres. The CCII is an approval institutional Programme Division under which industries are permitted to offer a traditional/para professional/vocational/industry oriented Diploma, PG Diploma, degree and PG programmes.</p>
DRDO Office	Nill	<p>The DRDO-BU-CLS was established as a joint venture by DRDO, Ministry of Defense, Government of India, Bharathiar University and the Government of Tamil nadu at Bharathiar University campus as an autonomus research institute to pursue high degree of both basic and applied research.</p>
International Affairs	Nill	<p>BU-CIA was established by Honourable Vice-Chancellor Prof.Dr.P.Kaliraj to Coordinate with the affairs related to Admissions of foreign students in our University departments, Affiliated colleges, autonomous institutions and Research Centres. Applications are received from Study in India(SII), Ministry of Education, and Indian Council for Cultural Relations(ICCR), Ministry of External Affairs, Government of India. Applications are received from Middle East and African Countries, for our Education, Post Graduate, Post Graduate Diploma and certificate course. The office aims to pool in international students and improve the diversity of learners in our campus.</p>
CRE Office	Nill	<p>Centre for Research and Evaluation has three main functions related to</p>

		<p>: Research Scholars Guides of University Departments and Affiliated Colleges, Research Scholars Guides of R D (Category B) and Ph.D. Thesis Evaluation Section.</p>
CIC Office	Nill	<p>The central instrumentation centre is functioning in the recently constructed state-of-the-art building with two floors with an approximate area of 36000 sq. ft. The major and common research facilities are/ will be housed which will cater to the research needs of researchers of Bharathiar University and affiliated institutions and other researchers across the country.</p>
RUSA	Nill	<p>Campus years are treasured by graduates long after they leave the hallowed portals of their universities. Not only does that time shape their thinking, this phase allows young minds to open up, to understand the path they want to take, and sometimes, more importantly, the road they don't want to follow. With that at the very core, the Rashtriya Uchchatar Shiksha Abhiyan, a centrally sponsored programme, aims to work with 300-plus state universities and its affiliated colleges to raise the bar of campus life.Launched</p>
PURSE	Nill	<p>Promotion of University Research and Scientific Excellence (PURSE) is one of the Flagship Infrastructure programs of Department of Science and Technology, which was commenced in the year</p>



		<p>2009 exclusively for the University sector. The main objective of the scheme is to strengthen the research capacity of performing Indian Universities and provide support for nurturing the research ecosystem and strengthening the RD base of the Universities in the country.</p>
<p>Green Campus / Waste Management Process</p>	<p>Nil</p>	<p>Bharathiar University is situated in the foot hills of Maruthamalai with an area of approximately 930 acres. In the University campus to create the aesthetic value and for making beautification and to make the campus green, trees are grown naturally and also painted for making the campus green. In the University campus trees are planted in about 200 acres of land with various species under the WASTE LAND DEVELOPEMENT PROGRAMME.</p>
<p>Internet Centre</p>	<p>Nil</p>	<p>Focusing at the frontiers of Knowledge, Bharathiar University has made its achievements in driving its best brains to the higher echelons of educational trends. The reputed University stimulates the intellect and imbues every student with flexibility and versatility. Spreading a fresh breeze to blow through the corridors of academics and it perceives the dictum Educate to Elevate.</p>
<p>Aringar Anna Library</p>	<p>Nil</p>	<p>The Aringar Anna Central Libraray in its mission to reach world class status has been developing in leaps and bounds. The Last one year has been testimony to the increaese in its collection building and</p>

digital library services. Major works taken upgradation of the library automation software with RFID technology, procurement of blade servers, implementatioj of RFID technology and surveillance system along with CCTV and fie alarm installed at the various sections of the library

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Multimodal material preparation center for persons with disability (PWD) conducted by Department of Social work, Bharathiar University	21/12/2019	Nil	60

[View File](#)

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

- Efforts were taken to plant a large number of tree saplings in the University campus as well as staff quarter's area by Green campus committee along with NSS team and Rotary Club.
- Birds diversity and their conservation was carried out by the nature club of department of Zoology, Bharathiar University in collaboration with ZOO Outreach organization, Coimbatore during the occasion of 'Wild Week Conservation'.
- Swachh Bharath Mission is a community driven ambitious programme launched by Honourable Prime Minister of India on 2 October 2014 with an aim to effect behavioural change regarding healthy sanitation practices among the citizens. To generate awareness about sanitation and its linkage with public health, Bharathiar University constituted a 12-member committee on September 2016 to carry forward the mission of Swachh Bharat in the University affiliated colleges and in the general public. A training programme on "Waste Management" was conducted on 7th March 2017 for the 120 sanitary workers of Bharathiar University.
- Green Initiative (2017-18) Energy conservation
- Automatic power factor controller (APFC) is installed in the power house which gives power factor of unity.
- Almost all street lights, toilets and corridors are provided with the LED fittings.
- Auto flush and auto cut offsystem is installed in the hostel toilets to save electricity and water.
- Use of renewable energy
- Interactive solar power generating system of 225 KW is provided on the roof top of the academic building. With the installation of this system 40 to 45 of the total electricity requirement is met.
- Apart from this solar water heating system is provided in all boys and girls hostels for hot water requirement.
- Water harvesting
- Water recycling or waste water treatment plant of 200 m3 or 2,00,000 liters capacity has been constructed. The principle of the treatment is based on Phytorid technology. The Phytorid Technology treatment is a subsurface flow type in which waste water is applied to cell/system filled with porous media such as crushed bricks, gravel and stones. It consists of three zones (i) Inlet zone composed of crushed bricks

and different sizes of stones (ii) Treatment zone consist of same media as in inlet zone with plant species and (iii) Outlet zone. Daily 150 m<sup>3</sup> or 1,50,000 liters recycled water is available. This is being used for landscaping of the institute. Institute also proposes to further use this recycled water for flush systems. This would save 30 of fresh water.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Village Adoption scheme Bharathiar University have adopted villages from two blocks to work with the people of rural Coimbatore in recognizing development challenges and developing appropriate solutions for accelerating sustainable growth. The villages namely Annaikatti North, Somaiyampalayam, Santhegoundampalayam, Narasipuram and Jahir Naickenpalayam. The Department of Social Work, Bharathiar University in association with other university departments and affiliated colleges have organized various programmes under the core areas provided by Unnat Bharat Abhiyan. Sensitization programme conducted for rural women on Breast cancer cervical cancer, Awareness on Waste management, Workshop on Organic farming, Programme on Water Management, Tree plantation are few activities organised in Collaboration with District Collector Office, Coimbatore District, District Rural Development Agency, Block Development Office, Perianaickenpalayam, Village Administrative office, Anganwadi and Government Primary Schools. Performance Evaluations, Motivational Teaching-Learning The Department of Media studies, Bharathiar University contributes to Academics through Performance Evaluations, Motivational Teaching-Learning Methodologies, Facilitation of Media Outputs, and Mentoring Strategies to integrate theoretical knowledge into practical/work life. Some of the standout practices followed by the departments are: a) Evolved teaching-learning methodologies through Visual, Auditory, Reading, and Writing, Kinesthetic and Speaking (VARKS) framework to imbibe situation-based learning and experiential Learning to primarily motivate slow learners. b) Evolved performance evaluation through group discussions, debates, interactive quizzes, presentations, audio-visual media outputs (such as documentaries, news bulletins, news reading, short films), tabloid lab journal, indoor board games, term-papers, research projects, e-content development, technical writing, etc. c) Facilitation of media outputs through documentaries, news bulletins, news reading, short films, tabloid lab journals, e-content development, technical writing etc. d) Facilitation of Internships with the Media industry for learners to get trained, develop skills required, and enable them to experience a plethora of opportunities in this domain of study. e) Provision of hands-on experience to encourage learners towards the development of ethical professional identity, competency, and a sense of responsibility. f) Integration of ICT-enabled classrooms (Smart Classrooms) that complement classroom teaching. g) Effective mentoring through a constant vigilance on result evaluation of learners via obtained grades. h) Promotion of research culture by encouraging learners to present their work related to the project study to be investigated. i) Emphasis on Creative Club activities once a week to promote magnanimity in thinking patterns and perspectives for survival in career choices in this domain. Besides, the Department incorporated: j) Curriculum development through Course Outcomes (COs) as specific, measurable formal statements about the knowledge or skills that learners are expected to acquire at the end of a course. k) Curriculum development through Programme Educational Outcomes (PEOs) as statements describing what learners are expected to know when they complete the programme offered by the Department. l) Curriculum development through Programme Outcomes (POs) as statements that specify accomplishment of expectations of learners when they complete the programme offered by the Department. m) Curriculum development through Programme Outcomes (POs) as statements that specify accomplishment of

expectations of learners when they complete the programme offered by the Department.

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

<https://b-u.ac.in/141/igac-home>

### 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

Bharathiar University-Centre for International Affairs (BU-CIA) BU-CIA was established to Coordinate with the affairs related to Admissions of foreign students in our University departments, Affiliated colleges, autonomous institutions and Research Centres. Applications are received from Study in India(SII), Ministry of Education, and Indian Council for Cultural Relations(ICCR), Ministry of External Affairs, Government of India. Applications are received from Middle East and African Countries, for our Education, Post Graduate, Post Graduate Diploma and certificate course. The office aims to pool in international students and improve the diversity of learners in our campus. Collaborations with foreign Universities are also aimed at. The membership in Association of Indian Universities(AIU), Association of Common Wealth Universities(ACU), The German academic exchange service(DAAD), International Council for Open and Distance Education( ICDE), and Shastri Indo Canadian Institute (SICI) is fostering a plethora of International Academic collaborations. The centre received an invitation to participate in e-Vidya Bharthi and e-Aarogya Bharathi (e-VBAB) network project of Ministry of External Affairs to offer online courses to South African partnering institutions. The centre is participating in GIAN programme, Ministry of Education to increase the fat falls of reputed international facts in Indian Academic institutes and participating in the DAAD-Academic Exchange Service, Germany training programme and applying for grants and exchanges. The centre established agreement with Harvard Business School to offer 5 online programmes through Bharathiar University. The aim of the centre to regularize immigration documentation of International students studying in the university departments and affiliated colleges

Provide the weblink of the institution

<https://b-u.ac.in/141/igac-home>

### 8.Future Plans of Actions for Next Academic Year

- To revise the curriculum based on INDUSTRY 4.0 Education 4.0.
- To Provide orientation for students on Virtual Learning.
- To establish the State-of-the-art Cancer Research Lab under banner of Bharathiar Cancer Theranostics Research Centre (BCTRC)
- To establish Bharathiar Uyaraaivu Maiyam as well as Bharathi Museum to showcase all the historical importance of Bharathiar role in independence.
- To create the Entrepreneur culture the University would strive to setup Innovation, Incubation, Entrepreneur and Career Hub in the campus.