



## Yearly Status Report - 2017-2018

### 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>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>A</td> <td>3.11</td> <td>2016</td> <td>29-Mar-2016</td> <td>28-Mar-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	3	A	3.11	2016	29-Mar-2016	28-Mar-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				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															
Seminar on writing effective research proposal	19-Jul-2017 1			64															

Awareness Program on career guidance and counselling	23-Oct-2017 1	142
Role of Industries in Higher Education	31-Jan-2018 1	43
Programme on Campus to Corporate	28-Apr-2028 1	117
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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
Bharathiar University	DSTPURSE	DST	2017 1825	172.5
Nanoscience and Technology	UGC-SAP	UGC	2017 1825	128
<a href="#">View File</a>				

**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)**

Deliberations of quality sustenance and enhancement activities that were decided during conduct of IQAC meetings : • Green Audit • Academic and Administrative Audit • Review of existing academic programmes • Establishment of Incubation Centers • Automation of University work • Publications in quality journals

IQAC has been submitting information about the University for various ranking agencies : • National Institute Ranking Framework (NIRF) 2018 • INDIA TODAY - MDRA Best University Rankings - 2018 • The Week Best University Survey 2018

IQAC has significantly contributed in the following activities of the University:

- Preparation and submission of proposal for Institutions of Eminence by UGC .
- helps to prepare the RUSA Proposal

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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
To support Make in India, Innovation ideas to be harvested	Institutional Innovation Council was started as per directions of MoE to create a conducive ecosystem for innovation
Global visibility to be improved	International collaborations were encouraged resulting in MoU and combined Publications
University Rank through MHRD - NIRF	Ranked twenty eighth among Indian Universities
Green Initiatives	Environemental Audit has been conducted to improve the green environment.
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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

2018

Date of Submission

09-Feb-2018

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Finance Management System Online  
Applications for Admission Online Fee payment System to pay tution fee, exam fee, hostel fee etc. Hostel Allotment  
Library Automation

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	STAC	Statistics	03/07/2017
MSc	CHMA	Chemistry	03/07/2017
MSc	BOTA	Botany	03/07/2017
MSc	ZOOD	Zoology	03/07/2017
MA	CMSA	Journalism	03/07/2017

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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 (MATBE2)	01/07/2017
MSc	Bioinformatics	01/07/2007	Cell and Molecular Biology (16BIIA13A)	01/07/2017

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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
BVoc	Business processes and Data analytics	01/07/2017

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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	01/07/2000
MSc	Statistics with Computer Applications	01/07/2000
MSc	Electronics and Instrumentation	01/07/2000
MSc	Bioinformatics	01/07/2000
MSc	Bio Chemistry	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
MSc	Human Genetics & Molecular Biology	01/07/2000
MCom	Finance and Computer Applications	01/07/2000
MCom	Finance and Accounting	01/07/2000
MEd	Education	01/07/2000
MA	Tamil	01/07/2000
MA	Linguistics	01/07/2000
MA	Economics	01/07/2000
MA	History	01/07/2000
MSW	Master of Social Work	01/07/2000
MA	Sociology	01/07/2000
MA	Women's Studies	01/07/2000
MA	Career Guidance	01/07/2000
MLibISc	Master of Library and information Science	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	Physics	01/07/2000
MSc	Medical Physics	01/07/2000
MSc	NanoScience and Technology	01/07/2000
MSc	Chemistry	01/07/2000
MSc	Zoology	01/07/2000
MSc	Botany	01/07/2000
MSc	Biotechnology	01/07/2000
MSc	Industrial Biotechnology	01/07/2000
MA	English Literature	01/07/2000
MA	Journalism and Mass Communication	01/07/2000

BPEd	B.P.Ed.	01/07/2000
MPed	M.P.Ed.	01/07/2000
MCA	M.C.A	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	01/07/2017	21
TAMIL MOZHLI KARPITHAL	01/07/2017	28
Soft Skills and Business Communication Skills for Employability/LECTURE WORK SHOP	01/07/2017	25
FISHERIES TECHNOLOGY	01/07/2017	31
FISH PROCESSING TECHNOLOGY	01/07/2017	31
<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	24
MCA	Computer Applications	69
MSc	Medical Physics	17
<a href="#">View File</a>		

### 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
<p>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 EMPLOYER who are utilising the knowledge gained by the students. The feedback from the students would give an insight into the lacuna 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</p>

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 are analysed and the gist of the feedback is summarised. The ideas and inputs are discussed/analysed 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 CA	40	86	40
MSc	Biochemistry	25	166	24
MSc	Biotechnology	25	304	25
MSc	Botany	20	123	20
MCom	Finance and Computer Applications	30	74	30

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	117	1279	0	224	239

### 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
224	224	10	45	15	Nil

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



**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, personal problems and personal aspirations 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 any problem found, the student will be provided counselling to come out of the problem. If necessary, parents also will be informed about the problem and involve them in counseling. In case students face personal problems like depression, general indifference, etc., they are referred to professional counselors available in the campus. Further, open meetings are conducted regularly in the department level in the presence of faculty members. HoD provide necessary information and probable solutions on general issues like hostel accommodation, lab facilities, etc. In addition HoD visits the class rooms to interact with the students and understand the problems of students and provide solutions with the help of other faculty members.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1396	239	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
244	239	5	0	234

**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
2017	Dr. R. Sakthivel	Professor	Highly Cited Researcher
2017	Dr. P. Ponnuragan	Associate Professor	Best Student Chapter Award (EMBS)
2018	Dr. T. Muthukumar	Assistant Professor	Scientific Excellence - 2018
2018	Dr Rupa Gunaseelan	Director	International Outstanding Research Faculty Award
2018	Dr.J.Satheeshkumar	Assistant Professor	Best Publication 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	II, IV	27/04/2018	12/07/2018

MSc	BCHA	II, IV	25/04/2018	31/05/2018
<a href="#">View File</a>				

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
589	2617	22

## 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)

<a href="https://b-u.ac.in/syllabus">https://b-u.ac.in/syllabus</a>
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2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
16BOTA	MSc	BOTANY	20	19	95.00
16BIOB	MSc	BIO-TECHNOLOGY	24	22	91.67
16BIIA	MSc	BIO-INFORMATICS	1	1	100.00
16BCHA	MSc	BIOCHEMISTRY	24	20	83.33
15CSEA	MCA	COMPUTER APPLICATIONS	74	67	90.54

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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)

<a href="https://b-u.ac.in/141/igac-feedback">https://b-u.ac.in/141/igac-feedback</a>
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## 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. L. Arul Pragasam	Principal Investigator (Research Project)	01/01/2018	TNSCST (under Student Project Scheme)
International	Dr.V.Vijaya Padma	Visiting Scientist	01/06/2017	Asia University

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

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF (Project)	730	DST-SERB
SRF	1460	DRDO
(ICMR-SRF)	730	ICMR
(CSIR-SRF)	730	CSIR
DST-PURSE PHASE-II Fellowship	1095	DST-PURSE PHASE-II
<a href="#">View File</a>		

**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
Students Research Projects (Other than compulsory by the University)	365	TNSCST	10000	10000
Industry sponsored Projects	730	DBT-BIRAC-BIPP	200	1500000
Minor Projects	730	UGC-FRP	600000	600000
Major Projects	730	UGC	1000000	800000
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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
Workshop On "Intellectual Property Rights"	Botany	03/03/2017
anveshan: Student Research Convention (South Zone)	Biotechnology	08/11/2017
Think tank initiation for IPR Policy implementation	Botany	27/07/2017
<a href="#">View File</a>		

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 Chapter Award	Dr. P. Ponmurugan	Engineering and Medicine in	12/07/2017	Nil

		Biology Society, New Jersey, US		
Mid-Career Award	Dr. P. Ponnurugan	University Grant Commission, New Delhi	10/01/2018	Nil
Scientific Excellence - 2018	Dr. T. Muthukumar	Marina Labs: Research and Development, Chennai.	14/03/2018	Nil
<a href="#">View File</a>				

### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	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
Department of Economics	8
Department of Education	2
Department of Educational Technology	1
Department of Electronics Instrumentation	4
Department of English Foreign Languages	1
Department of Environmental Sciences	5
Department of Information Technology	1
Department of Linguistics	4
Department of Mathematics	10
Department of Medical Physics	1
Department of Microbial Biotechnology	8
Department of Nanoscience and Technology	4
Department of Physical Education	10
Department of Physics	9
Department of Psychology	2
Department of Social Work	4
Department of Sociology and Population	2
Department of Statistics	7
Department of Tamil	11
Department of Womens Studies	1

Department of Zoology	7
BSMED	2
Department of Statistics	2
Department of Chemistry	1
Department of Applied Mathematics	8
Department of Bioinformatics	6
Department of Biotechnology	8
Department of Botany	1
Department of Chemistry	9
Department of Commerce	10
Department of Computer Applications	3
Department of Econometrics	4

#### 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	Applied Mathematics	26	106
International	Bio-Chemistry	2	5
International	Bioinformatics	22	17
International	Biotechnology	47	11
International	Botany	80	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
Biotechnology	9
Bioinformatics	5
Biochemistry	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
291125	Published	291125	01/02/2017
<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
Controllability of the second-	A. Kumar, M. Muslim and	Journal of Dynamical	Nil	14	Bharathiar University	13

order nonlinear differential equations with non-instantaneous impulses	R. Sakthivel	and Control Systems				
Leader-following exponential consensus of input saturated stochastic multi-agent systems with Markov jump parameters	R. Sakthivel, R. Sakthivel, B. Kaviarasan and F. Alzahrani	Neurocomputing	2018	16	Bharathiar University	13
Fault-tolerant resilient control for fuzzy fractional order systems	R. Sakthivel, C.K. Ahn and Maya Joby	IEEE Transactions on Systems, Man and Cybernetics: Systems	2018	29	Bharathiar University	27
<a href="#">View File</a>						

### 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
Attended/Seminars/Workshops	76	277	45	69
Presented papers	148	130	16	15
Resource persons	32	145	108	57
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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)
Prof.R.Sathishkumar, Department of Biotechnology	DNA Barcoding of Plants	Indus Biotech Pvt. Ltd., Maharashtra (Phase - III)	473938
Prof.R.Sathishkumar, Department of Biotechnology	DNA Barcoding of Medicinal Plants	Laila Pharmaceuticals, Pune	188313
English and Foreign Languages	Developing the Communication Skills of Employees	Advance Ecom Solutions, Coimbatore	0
English and Foreign Languages	Developing the Communication Skills of Employees	Print Park, Coimbatore	0

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0

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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
Importance of Education	Corporation Middle School, Tatabad Students Welfare Trust	1	59
Health and Hygiene	Corporation Girls High School, Puliakulam	1	76
Gender Sensitization among Students	Middle School, PN Palayam Department Of Women Studies, Bharathiar University	1	86
Skill Development Programme	Infosys	2	648
State Level YRC Study Camp for YRC volunteers and Programme Officers	The Indian Red Cross Society, Tamilnadu Branch, Chennai	1	100

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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
Poster presentation	Poster presentation	Bharathiar University	1
<a href="#">View File</a>			

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
Health and Hygiene	Corporation Girls High School, Puliakulam	Community organisation programmes	1	76
Gender Sensitization among Students	Middle School, PN Palayam Department Of Women Studies, Bharathiar University	Community organisation programmes	1	86
Swachh Bharat	Bharathiar University in association with ITC Limited	Waste Management	2	54
UBA	Bharathiar univervdity in association with District Rural Development Agency, Coimbatore and Block Development Agency	Community awareness programmes	9	44
Vigilance Awarness on corruption free india	SIDBI BANK Coimbatore	Bharathiar University	2	70
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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
Scientific deliberations	Dr.Vijaya Padma	Asia University, Taiwan	45
Student Exchange	M. Saravanan	DBT-NER Twining	15



		Programme	
Student Exchange	Prof.Heidi Abrahamse, Laser Research Centre, Faculty of Health Sciences, University of Johannesburg & Parimelazhagan Thangaraj, Professor, Department of Botany, Bharathiar University	DBT-TWAS Programme	365
<a href="#">View File</a>			

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
Research Work	Molecular diagnosis of ocular Pathogens.	Chief Medical Officer, Aravind Eye Hospital Post Graduate Institute of Ophthalmology , Coimbatore.	01/07/2017	05/07/2017	Nil
Project work	Plant Genetic Engineering	PSG college of Technology, Coimbatore	13/11/2017	31/03/2018	1
Internship	Techniques in Plant Genetic Engineering	Anna University, Chennai, TN	04/05/2018	20/05/2018	1
<a href="#">View File</a>					

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
Indus Biotech Pvt. Ltd., Maharashtra (Phase -III)	07/09/2017	Consultancy Project - DNA Barcoding of Plants	2

Laila Pharmaceuticals, Pune	31/10/2017	Consultancy Project - DNA Barcoding of Medicinal Plants	2
Green Chem Herbal Extract and Formulations, Karnataka (Phase-II)	29/01/2018	Consultancy Project - DNA Barcoding of Medicinal Plants	2
<a href="#">View File</a>			

## 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
710	612

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
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	177798	163044528	172	91682	177970	163136210
Reference Books	12671	0	0	0	12671	0

e-Books	2700	2000000	0	0	2700	2000000
Journals	265	790814	116	370065	381	1160879
e-Journals	7000	0	0	0	7000	0
Digital Database	4	1602265	1	578200	5	2180465
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)	1620	0	804	0	2424	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
NIL	NIL	NIL	Nil

No file uploaded.

#### 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	1059	108	1059	1	1	22	39	1	0
Added	125	0	125	0	1	5	0	0	0
<b>Total</b>	<b>1184</b>	<b>108</b>	<b>1184</b>	<b>1</b>	<b>2</b>	<b>27</b>	<b>39</b>	<b>1</b>	<b>0</b>

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	Expenditure incurred on	Assigned budget on	Expenditure incurred on
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academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilities
3327	188	618	527

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 Estate Maintenance Office of Bharathiar University has well organised office set up that takes care of 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. Estate maintenance office functions based on the set of well defined procedures and SoPs which are similar to the one followed in Government establishments viz. PWD. It also takes care of the provisioning and maintenance of furniture in the buildings , class rooms and laboratories. The details of recipient of complaints are displayed and circulated to all departments. Complaints and grievances are received both by electronic mode and manual mode. The Usage of central facilities like auditorium, guest house, seminar halls, is centrally monitored by the Registrars office whereas the Seminar halls attached with the departments are maintained by the respective departments. The University Registrars office has a dedicated purchase section which takes care of the purchase of all equipments and their maintenance in all departments. The Public Relations office manage the transport facilities for all University activities. Similarly a dedicated Data center is functioning which takes care of the network connectivity throughout campus 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	21	370102
Financial Support from Other Sources			
a) National	Government of Tamilnadu Postmatric scholarship for BC/MBC/DNC	1157	6519385
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
One Week Orientation Program	01/07/2017	110	Dept. of Computer Applications

Two Days Java Training Program	16/09/2017	30	Dept. of Computer Applications
Career Skills for the Visually Challenged Students	02/09/2017	70	Nil
<a href="#">View File</a>			

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
2017	IBPSC	63	0	0	0
2017	SSC	60	0	0	0
2018	NET - SET Special Training	100	100	10	10
<a href="#">View File</a>					

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	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
9	856	259	38	226	70
<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
2018	1	M.Sc. Microbial Biotechnology	Microbial Biotechnology	Anna University Regional Campus-Coimbatore	Ph.D
2018	1	M.Sc. Zoology	Zoology	Periyar University	M.Tech
2017	6	M.Sc Applied	Psychology	Swekar Hyderabad,	M.Phil Clinical

		Psychology		Bharathiar University	Psychology, Ph.D
2017	1	M.Sc Biotechnology	Biotechnology	VIT University, Vellore	Ph.D
2017	4	M.Sc Biotechnology	Biotechnology	SRM University, Chennai	Ph.D
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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	12
SET	12
SLET	1
Civil Services	1
<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	State level	10
Food Festival	Regional Level	47
CULTURAL	University Department Level	3
Cultural	University Department Level	50
Sports	University Department Level	117
Inter Department Sports Activities	University Department Level	215
No file uploaded.		

### 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
2017	University Players	National	1	Nil	NIL	Karthick E
2017	University Players	National	1	Nil	NIL	Kiruthika K, Ellammal K, Sabarimala
2017		National	1	Nil	NIL	Saranya

	University Players					S
2018	University Players	National	1	Nil	NIL	Anand M P, Surendran A
2018	University Players	National	1	Nil	NIL	vijay S
2018	University Players	National	1	Nil	NIL	Bhuvaneshwari C
2018	University Players	National	1	Nil	NIL	Atheesumar P
<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)

Bharathar University students representation on academic and administrative bodies / committees of the institution is given below. 1. Board of studies - representations from Alumni and final year student 2. Internal Compliance Committee - student representative for voicing out students problems 3. Student club activities - to conduct cultural events 4. Anti-ragging committee - student representative for getting students point of view 5. Bharathiar University Alumni Association

#### 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:

1750

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

415000

5.4.4 – Meetings/activities organized by Alumni Association :

The BU alumnus meeting was conducted on November 4, 2017. BU has allotted Rs.75000/- towards the conduct of the meet. For taking the BU alumni Association to the next level two eminent professor of BU who was alumni of our University were invited as chief guests. There were around 500 participants who came from various disciplines and different areas. Being an induction meet after a long time there were only less participants than as expected. This created a platform for the formation of BU - AA. In the meet, the alumni members requested to conduct the meet regularly every year. This meet initiated the steps for official registration of the BU - AA with regular office bearers. More than 250 participants registered in the association. The meeting provided an insight of alumni members about their expectations and success path. After the meet, the department alumni coordinator was nominated for all the departments to induct the alumni in to the association. 36 department alumni coordinators started working towards strengthening the association.

## 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 scrutinises 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
Curriculum Development	The syllabi and curriculum have been revised / modified to cater the needs of the society and local industries, National and International level.



Introduced various new core, elective, supportive courses based on above needs. Major revision of curriculum and syllabus every 2/3 years • Minor revisions in every year. Interaction with industry through Board of Studies. Standing Committee on Academic Affairs for curricular improvement. Adherence to guidelines issued by statutory bodies. Factoring student, faculty, parents, employers feedback. Input by Internationally well renowned faculty members. Input by industry, alumni and student • Dedicated Syllabus section for curriculum development. Periodical convening of Standing Committee on Academic affairs. Input provided by Internal Quality Assurance Cell on Teaching and Learning • Considering industry requirements during the framing of curriculum.

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.

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 thesistwere 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.

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.

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.

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.

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

E-governance area	Details
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
Planning and Development	-

### 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
2017	Dr. T. Muralisankar	International Conference On Biotechnology And Its Applications In Aquaculture	Annamalai University	4590

		Fisheries		
2017	Dr.S.Grace Annapoorani	National Seminar on Home Science towards Young India, New India	Bhrathiar University	2390
2017	Dr. S. Sampath Kumar	A Retrospective Study on Trends and Facts of Leprosy Prevalence in Purulia District, West Bengal" at the Sixteenth Annual Conference of the held at Jawaharlal Nehru University, New Delhi from 10th to 12th December, 2018.	Indian Association of Social Sciences and Health (IASSH)	11595
<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)
2018	Short Term Course on Gender Sensitization - Women Empowerment	Nil	14/03/2018	16/03/2018	49	Nil
2017	115th Orientation Programme	Nil	10/05/2017	06/06/2017	70	Nil
2017	Refresher Course in Library Information Science	Nil	10/05/2017	30/05/2017	43	Nil
2017	Summer Programme -	Nil	10/05/2017	30/05/2017	46	Nil

	Refresher Course in Environmental Sciences (ID)					
2018	Short Term Course on Research Methodology	Nil	18/01/2018	24/01/2018	38	Nil
<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
Two Day Orientation programme	30	17/07/2017	Nil	2
UGC-HRDC-Orientation Programme	21	31/07/2017	Nil	26
Brain Storm Session for newly appointed faculty members of BU Constituent College	25	14/08/2017	Nil	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	1	0

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</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</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</li> </ul>

<p>teaching and non-teaching staff • Bharathiar University has 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.</p>	<p>teaching and non-teaching staff • Bharathiar University has 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.</p>	<p>their sanctioned strength for the admission by 5.</p>
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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	100000	Endowment
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

371298587
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#### 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. Trainig 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
2017	To support Make in India, Innovation ideas to be harvested	05/09/2017	05/09/2017	06/09/2017	30
2017	Global visibility to be improved	16/11/2017	Nil	Nil	25
2018	Sports facility to be improved to cater to affiliated colleges	16/02/2018	19/02/2018	20/02/2018	10

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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 Budgeting	25/10/2017	27/10/2017	45	5
Women and Human Rights – An International Perspective”	02/08/2017	03/08/2017	200	150
International Women’s Day Programme	04/09/2017	Nil	100	0
Human Rights	13/09/2017	Nil	60	20
Sexual Harassment of Women at Workplace” (Prevention, Prohibition and Redressal) Act, 2013 in different parts of India.	05/08/2017	15/08/2017	776	234
Legal Awareness Competition on Women Rights	10/10/2017	Nil	200	150

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

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 towards energy savings opportunities.

### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	250
Provision for lift	Yes	350
Ramp/Rails	Yes	500
Braille Software/facilities	Yes	150
Rest Rooms	Yes	600
Scribes for examination	Yes	50
Special skill development for differently abled students	Yes	250

### 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
2018	1	1	27/03/2018	2	National Seminar	Menstrual Hygiene, Managing Behaviour	270
2017	1	1	06/07/2017	1	Awareness Programme	Entrepreneurship Awareness	114
2017	1	1	08/08/2017	1	Training Programme	Skill Training Programme	102
2017	1	1	18/09/2017	1	Training Programme	Skill Training Programme	118
2017	1	1	07/12/2017	1	Training Programme	Global Business Foundation Skills (GBFS) Training Programme	120

[View File](#)

### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Incubation - Data Centre	Null	Internet facility is provided to all faculty members, research

		<p>scholars, students and officers of the University through 1Gpbs connectivity of National Knowledge Network 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.</p>
IQAC - Office	21/10/2009	<p>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)</p>
IPR Policy - Office	18/08/2016	<p>Bharathiar University 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</p>

		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	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	Nil	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	Nil	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	Nil	The Bharathiar University has successfully implemented SWAYAM in the University Departments as well as in

		<p>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.</p>
Green Box	Nill	<p>In order to reduces the grievances 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</p>
Bharathiar University Act	Nill	<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) recognized Bharathiar University in 1985 for grants.</p>
Alumni - Association	Nill	<p>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>

		<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>
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 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>
Annual report	Nill	<p>This Annual Report highlights the important developments and significant achievements of the thirteen schools aomprising the acadamic</p>

		<p>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	Nil	<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 UGC are systematically transmitted to the affiliated institutions for information and action</p>
Academic calendar for students	Nil	<p>The Academic Calendar of Bharathiar 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.</p>
Internal Complaints Committee	Nil	<p>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.</p>
MultiMODAL Material Preparation Centre	Nil	<p>In an era where inclusive development is</p>

		<p>being emphasized as the right towards sustainable development, focused initiatives for the welfare of disabled persons have become essential. To address the challenges of the disabled, a disability resource centre called Multimodal Material Preparation Centre has been established in the Bharathiar University and its being supported and facilitated</p>
Bharathi Counseling Centre	Nil	<p>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.</p>
Legal Section	Nil	<p>The Legal Section of the Bharathiar University is functioning as a separate wing associated with Establishment section of the Registrars office to oversee every aspects of the University's legal affairs. The main function of the legal section typically includes as maintaining and defending the laws suits before the court of Law</p>
Bharathiar University Community College Consultancy Centre-BU (CCCC)	Nil	<p>The Bharathiar University launched the community college system and institutionalized the same as a statutory institution, named Bharathiar University</p>



		Community college is to empower the disadvantaged and the underprivileged through skill development programmes and make them gainfully employed. it mainly concentrates on the urban poor, rural poor, tribal poor and women
DRDO Office	Nill	The DRDO-BU-CLS was established as a joint venture by DRDO, Ministry of Defense, Government of India, Bharathiar University and the Government of Tamilnadu at Bharathiar University campus as an autonomous research institute to pursue high degree of both basic and applied rearsch.
Green Campus / Waste Management Process	Nill	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 palnted for making the campus green. In the University campus trees are planted in about 200 acres of land with various specious under the WASTE LAND DEVELOPEMENT PROGRAMME.
Internet Centre	Nill	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 versality. Spreading a fresh breeze to blow through the corridors of academics and it

		perceives the dictum Educate to Elevate.
Aringar Anna Library	Nill	<p>The Aringar Anna Central Library in its mission to reach world class status has been developing in leaps and bounds. The Last one year has been testimony to the increase in its collection building and digital library services.</p> <p>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 fire alarm installed at the various sections of the library</p>
U.G.C INFONET/DELNET	Nill	<p>Bharathiar University Library is a member of UGC-INFLIBNET-INFONET E-Journal Consortium</p> <p>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</p>
NAD Cell	Nill	<p>National Academic Depository is an Initiative of Ministry of Human resource development Govt of India to facilitate digital issuance, Storage, access and verification of Academic Awards issued by Academic Institutions.</p> <p>NAD is initiative under Digital India theme towards achieving Digital enablement of the Education records where employers can verify the academic credentials of students 24X7. Bharathiar University NAD cell of</p>

		<p>controller of examination Section has initiated the process of submitting certificates to NAD signed MoU to NSDL an implementing organization recommended by MHRD during December 2017.</p> <p>Academic Degree Certificates of University Departments, Autonomous and Affiliated colleges are lodged in NAD for 2015,2016 and 2017</p>
EDUSAT CENTRE	Nill	<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>
International Affairs	Nill	<p>BU-CIA was established by Honorable 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</p>

diversity of learners in our campus.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
College development council, Bharathiar University conducted 'Science and humanities for grooming the future An interdisciplinary approach'	07/02/2018	09/02/2018	220
Multimodal material preparation center for persons with disability (PWD) conducted by Department of Social work, Bharathiar University	08/06/2017	10/06/2017	320
WATCH (We Are The Change)- initiated by Department of Social work, Bharathiar University for recycling of waste and plastic free environment.	03/08/2017	04/08/2017	300

[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 m<sup>3</sup> 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

The Ministry of Women and Child Development, New Delhi empanelled Bharathiar University to conduct Training programmes/workshops/awareness programme on Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 for the state and Central Government employees of Southern States and students and scholars of Affiliated colleges. Blended Mode of Teaching and Learning: Blended learning is followed in the Department of Computer Applications by including Laboratory in most of the courses in the syllabus. The method of teaching is mostly (1) using hands on sessions, power-point presentations and audio-visual aides to help the students to organize their thinking process and build professional skills, using audio-visual aids (2) holding talks by experts in certain advanced technology by organizing workshops, seminars, conferences and webinars. The curriculum is also designed in such a manner that students have to mandatorily complete online courses for successful completion of their degree programme. By getting the feedback from the students and employers, industry needs and expectations are identified and they are fulfilled through the syllabi content and co-curricular activities. This will enable the students to be more self-reliant, career oriented and great leaders. Towards PROTECTING NATURE and creating awareness Aves trek 2018" along with the Department of Zoology and the Nature Club of Bharathiar University conducted a bird watching and census event 'Aves Trek 2019' was held as part of Kovai Vizha on 10th January 2018 in the University Campus. About 71 students took part in the event. The students, who are members of the Nature Club of the University and Department of Zoology, were guided by expert bird watchers R. Mohammed Saleem from Environmental Conservation Group. The all the students assembled the main gate of University, and separated as groups. One group included 10 to 11 members. Walking started from 6.00 am around the campus, they spotted 46 bird species including Marsh Harrier, Blue faced Malkoha, Coppersmith Barbet, bull-bull, Asian paradise flycatcher, bee-eater, purple sun-bird, Rufous tree pie, Asian palm swift, Lapwing, White throated Kingfisher, Indian Roller, Barbet, Spotted owlet, Myna, Egret, Babbler, Parakeet, and many others. Every group collected birds list and photographs at last they compiled as single checklist. And the final checklist was discussed with R. Mohammed Saleem. The taxonomical keys for the identification of such species had been discussed by R Mohammed saleem straightaway. He also gave a lecture on the topic 'Introduction about Birding.

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 being a fore runner in research has established a separate section of Research and Development to manage the theses submission of M.Phil. and Ph.D. degree. The section takes care of all submission from University departments and all affiliated colleges. The evaluation of theses by foreign examiner and Indian examiners are properly received and documented before permitting for viva voce examination. This section is managed by a Teaching faculty which is unique of its kind. Inter Scholars Presentation A weekly "Journal Club" meeting was conducted involving faculty, scholars and students. It was mandatory for the Faculty and scholars to present the recent and most impactful papers published and involve in deliberations. These meetings have improved the cognizance of the scholars about key research topics and the perceptions towards their own research. The deliberations have persuaded research scholars to recognize the strengths and weakness of their ongoing research and amend improvements.

Provide the weblink of the institution

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

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

- To improve campus connectivity through National Knowledge Network (NKN) and provide the Wi-Fi connectivity for entire academic and residential campus.
- To establish the University - Industry Interaction Centre to establish a collaboration among the University Departments and Industries on teaching and Research.
- To prepare the Start-up and Incubation Policy to encourage the faculty members to do consultancy and start their own companies.
- To motivate the students to register and write National Level Examinations
- To initiate a Scholars Club under the banner of SWIFT with an objective to enhance research knowledge through periodical discussion
- To associate with National and International organizations and Ministries of Government to organize training programmes for Geriatric Care
- To open and increase the opportunities for the students to be placed in International organizations as volunteer/Interns in developed countries and in Ministries of Government
- To organize National or International conference on contemporary issues and contribution of Social work
- To increase the numbers of Campus placement for the benefit of outgoing students
- To achieve Green campus through Waste Management at Bharathiar University Campus