

# ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2013 - 2014

Submitted to  
National Assessment and Accreditation Council  
Bangalore - 560 072



## BHARATHIAR UNIVERSITY

State University  
Coimbatore - 641 046, South India  
Re-accredited with 'A' grade by NACC

# **Bharathiar University: Coimbatore – 46**

## **Internal Quality Assurance Cell (IQAC)**

### **The Annual Quality Assurance Report (AQAR) - 2013-14**

#### **Part – A**

##### **I. Details of the Institution**

<b>1.1 Name of the Institution</b>	:	Bharathiar University
<b>1.2 Address Line</b>	:	Maruthamalai Road
<b>City/Town</b>	:	Coimbatore
<b>State</b>	:	Tamil Nadu
<b>Pin Code</b>	:	641046
<b>Institution e-mail address</b>	:	vc@ buc.edu.in, regr@buc.edu.in
<b>Contact Nos</b>	:	+91-422-2428108, 2428111, 2428114, 2422203
<b>Name of the Head of the Institution</b>	:	Dr. G. James Pitchai, Vice - Chancellor
<b>Tel. No. with STD Code</b>	:	091-422-2422387
<b>Mobile</b>	:	+91-97897 97585
<b>Name of the IQAC Co-ordinator</b>	:	Dr. B. Vanitha
<b>Mobile</b>	:	+91-98428 17131
<b>IQAC e-mail address</b>	:	naac.buiqac@gmail.com
<b>1.3 NAAC Track ID</b>	:	Yet to be generated
<b>1.4 NAAC Executive Committee No. &amp; Date:</b>	:	EC/52/RAR/106 dated 26-3-2010
<b>1.5 Website address</b>	:	www.b-u.ac.in
<b>Web-link of the AQAR</b>	:	<a href="http://www.b-u.ac.in/AQAR2013-14.doc">http://www. b-u.ac.in/AQAR2013-14.doc</a>



**1.12 Name of the Affiliating University (for the Colleges):** Not Applicable

**1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc**

**Autonomy by State/Central Govt. / University:**

University with Potential for Excellence	<input type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>
UGC-Special Assistance Programme	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input checked="" type="checkbox"/>
UGC-COP Programmes	<input type="checkbox"/>

State

UGC-CPE	<input type="checkbox"/>
UGC-CE	<input type="checkbox"/>
DST-FIST	<input checked="" type="checkbox"/>

Any other (*Specify*)

- BU – DRDO Centre for Life Sciences
- UGC - BSR

## **2. IQAC Composition and Activities**

2.1 No. of Teachers : 11

2.2 No. of Administrative/Technical staff : 01

2.3 No. of students : 02

2.4 No. of Management representatives : 02

2.5 No. of Alumni : 02

2.6 No. of any other stakeholder and : 01

community representatives

2.7 No. of Employers/ Industrialists : 01

2.8 No. of other External Experts : 03

2.9 Total No. of members : 21

**2.10 No. of IQAC meetings held** : 02

**2.11 No. of meetings with various stakeholders:**

Faculty	<input type="text" value="05"/>	Students	<input type="text" value="02"/>
Non-Teaching Staff	<input type="text" value="01"/>	Alumni	<input type="text" value="01"/>

**2.12 Has IQAC received any funding from UGC during the year?**

Yes

No

**If yes, mention the amount**

:

Rs. 5 Lakhs

**2.13 Seminars and Conferences (only quality related)**

**(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC**

Total Nos:  International  National  State  Institution

**(ii) Themes**

- Quality Enhancement in Teaching and Research
- Promote online courses, e-learning and e-content creation

**2.14 Significant Activities and contributions made by IQAC**

- Encouraged Academic Staff College to conduct workshop on e-content creation
- Various MoU signed with institutions of National/International importance
- Conducted the Book Exhibition at Bharathiar University.
- Supported to conduct International Congress on Global Warming on Bio-diversity by the School of Biological Sciences
- Conducted the national seminar on 'People Management for Quality Enhancement in Higher Education' Social Harmony and Human Rights', organized by IQAC, Bharathiar University.
- Encouraged to create awareness on Emerging Research Paradigms in Social Sciences by Department of Commerce, Bharathiar University.

**2.15 Plan of Action by IQAC/Outcome**

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
<p><b>Conduct of Seminars &amp; Conferences on the topics of National interest:</b></p>	<ul style="list-style-type: none"> <li>• Department of Extension and Career Guidance, conducted workshop on <b>Intellectual Property Rights</b></li> <li>• Department of Bio- Technology conducted National Workshop on <b>Techniques in Molecular Toxicology</b></li> <li>• Department of Botany conducted National Seminar on <b>Current Scenario in Botanical Research</b></li> <li>• Department of Computer Applications conducted Seminar on <b>Mobile Applications</b></li> <li>• Department of Zoology conducted International congress on <b>Global Warming</b></li> <li>• Department of Microbial Biotechnology conducted on National <b>Seminar on Prospecting for Today’s World</b></li> <li>• Department of Computer Applications conducted seminar on Cyber Security</li> <li>• Department of Electronics and Instrumentation conducted Training <b>Programme on PLC and SCADA</b></li> <li>• IQAC conducted Faculty Training Programme on <b>Preparation of Teaching Plan</b></li> <li>• Conducted Certified Training on <b>Web Designing, Apparel Designing &amp; Garment Making, Fashion Designing &amp; Embroidery Work, and Fabric Paining.</b></li> </ul>
<p><b>Conduct of Staff Training Programme:</b></p>	<ul style="list-style-type: none"> <li>• Department of Extension, Career Guidance and Students Welfare Conducted <b>Placement training</b></li> <li>• BSMED conducted <b>personality development program</b></li> <li>• Department of Computer Applications conducted <b>soft skills training</b> for final year PG students</li> <li>• Conducted <b>NET coaching classes</b> for SC/ST/OBC non-creamy layers by all the Departments of the University</li> <li>• Anna Centenary Civil Services Coaching Centre conducted <b>Civil Services Coaching</b></li> </ul>
<p><b>Activities for enhancing Placement and skill development of the students:</b></p>	<ul style="list-style-type: none"> <li>• Department of Linguistics conducted <b>Language Training</b> for the students from Malaysia</li> <li>• Conducted Training on <b>Web Design and Development</b></li> </ul>

<b>Preparing Students for Competitive Exams:</b>	
--	--

**2.15 Whether the AQAR was placed in statutory body**

Yes  No

Management  Syndicate  Any other body

**Provide the details of the action taken**

AQAR is prepared base on the details collected from the University departments. The completed report was placed before the Syndicate for perusal.

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	32	0	0	0
PG	42	0	3	09
UG	01	0	12*+29**	0
PG Diploma	05	0	13*+15**	01
Advanced Diploma	0	0	09*	0
Diploma	0	0	20*+09**	0
Certificate	0	0	07*	0
<b>Total</b>	<b>80</b>	<b>0</b>	<b>155</b>	<b>10</b>
Interdisciplinary	07			
Innovative	01			

\* - Centre for Collaboration for Industry and Institution

\*\* - Centre for Participatory and Online Programme

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

- Choice Based Credit System is introduced in the University since 2000- 2001.
- Each department offers a minimum of 4 core papers per semester ( in some departments 5 or 6 core papers are offered per semester)
- The option for selecting Elective papers are available for students for first 3 semesters for 2 year PG program and for first 5 semesters in the case of 3 year PG program. Each department offers a Minimum of 2 Elective papers (in some departments even 4 papers are offered) out of which the students have the option of selecting one paper per semester. In total there are around 180 Elective papers offered by all the departments.
- Besides each department offers one Supportive paper per semester for 3 semesters for the students from other departments.



- Project work at PG level is mandatory for the all the programs in the 4th or 6th semester. In some departments field visits and institutional training are part of their curriculum.
- Credit transfer is permitted between distance mode of learning to regular and vice-versa.

**(ii) Pattern of programmes:**

<b>Pattern</b>	<b>Number of programmes</b>
Semester	All PG Programmes (42)
Trimester	-
Annual	Programmes offered under CCII and CPOP

**1.3 Feedback from stakeholders (*On all aspects*)**

Alumni  Parents  Employers  Students   
 Mode of feedback : Online  Manual  Co-operating schools (for PEI)

**Consolidated Report of the Student Feedback on Teachers  
Collected Semester-Wise for University Departments**

Sl.No.	Rating factors	Mean Score	Rank
1	Preparation for the class	4.00	2
2	Punctuality in conducting class	3.92	4
3	Planning and completion of the syllabus on time	3.90	3
4	Clarity of Presentation	3.82	1
5	Quality of language	4.30	5
6	Quality of voice	3.91	6
7	Methodology used to impart the knowledge (Use of blackboard, Charts, teaching aids,)	3.30	7
8	Active learning methodology used like Group discussion, Tutorials, Assignments and Seminars, Field visit, Quiz etc	3.80	8
9	Availability to students outside class hours for clarification, Counselling, Career guidance, etc.	3.60	10
10	His / Her role as a Mentor / Motivator / Guide / Facilitator / Counsellor	3.89	9

**1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.**

- The curriculum also gives emphasis on major projects where students are expected to develop a real-time industrial applications/ module required for the software company. Hence students are exposed to industrial environment
- Case studies are included in the syllabus so that students are involved in the learning process and this would make learning effective
- Application of Current technology is emphasised in few departments

**1.5 Any new Department/Centre introduced during the year. If yes, give details.**

- No

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
135	71	30	33	1 (Prof emeritus)

#### 2.2 No. of permanent faculty with Ph.D.

132
-----

#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	39	-	6	-	10	-	-	-	55

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest faculty	Visiting faculty	Temporary faculty
41	NIL	22 (UGC 11 <sup>th</sup> plan)

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	57	74	4
Presented papers	72	101	2
Resource Persons	22	66	19

#### 2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Enhanced usage of language laboratory in teaching and learning
- Inclusion of Spoken Tutorial video lectures in syllabi
- Increased access to latest knowledge through the library and on-line subscribed books and journals.
- Need based institutional visits and field trips are also introduced.
- Induction program in the first week of the reopening of the University to introduce the students about various facilities availability of optional and elective papers for their choice and availability of various forums and clubs for their extracurricular activities is also undertaken.

#### 2.7 Total No. of actual teaching days during this academic year:

- 191 (one hundred and ninety one)

**2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)**

- The admission process form applying to admission counselling is completely on-line
- Inaugurated the Online Monitoring of Examinations, and visited NET Exam centres.

**2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop**

- All the teachers with the teaching experience of more than 5 years

**2.10 Average percentage of attendance of students: 95%**

**2.11 Course/Programme wise distribution of pass percentage:**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Master of Computer Applications	56	37.65	62.35	-	-	96.55
Master of Computer Applications (SS)	44	37	63.00	-	-	88.00
M.Sc Mathematics (C.A)	30	74.25	25.75	-	-	96.77
M.Sc Bioinformatics	19	57.88	42.12	-	-	95.00
M.Sc Biotechnology	16	17.65	76.31	6.05	-	88.89
M.Sc Botany	19	72.68	27.32	-	-	95.00
M.Sc Chemistry	21	15.29	84.71	-	-	67.74
Master of Journalism & Mass communication	18	4.56	62.11	33.3	-	85.71
M.Com Finance & Computer Apln	25	28	68.00	-	-	96.15
M.Com Finance & Accounting	21	27.57	72.43	-	-	84.00
M.Sc Computer Science	38	24.32	75.68	-	-	97.44
M.Sc Information Technology	37	54	46.00	-	-	92.50
M.A Economics	18	4.56	95.44	-	-	94.74
M.Sc Applied	18	5.56	94.44	-	-	100.00

Econometrics						
M.A Educational Communication	3	32	68.00	-	-	75.00
M.Sc Electronics & Instrumentation	26	7.68	92.32	-	-	100.00
M.A English Literature	36	44.9	55.12	-	-	90.00
M.Sc Environmental Sciences	22	45.45	54.55	-	-	100.00
M.A Linguistics	3	33	67.00	-	-	100.00
M.Sc Mathematics	30	33.33	66.67	-	-	81.08
Master of Business Administration	54	-	79.63	20.4	-	93.10
Master of Business Administration (SS)	51	-	62.75	37.3	-	89.47
M.Sc Industrial Biotechnology	19	45	55.00	-	-	95.00
M.Sc Nano Science & Technology	19	23.45	76.55	-	-	95.00
Master of Physical Education	41	4.72	95.28	-	-	87.23
M.Sc Physics	20	31.12	68.88	-	-	100.00
M.Sc Applied Psychology	31	16.13	83.87	-	-	93.94
M.Sc Statistics with C.A	14	-	85.7	14.3	-	93.33
M.Sc Statistics	17	12.06	87.94	-	-	100.00
Master of Social Work	38	1.78	73.7	24.6	-	97.44
M.A Tamilology	43	67.66	32.34	-	-	95.56
M.Sc Textiles & Apparel Design	20	82.1	17.90	-	-	80.00
M.A Women's Studies	4	50.1	49.90	-	-	100.00
M.Sc Zoology	24	32.14	67.86	-	-	96.00

### 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

There are CBCS committees at the University level & the Departmental level. The IQAC through these committees review the course content, teaching methods, completion of syllabus and assessment methods & provide regular feedback to respective BoS

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	412
UGC – Faculty Improvement Programme	02(PDF)
HRD programmes (workshop on e-content development)	35
Orientation programmes	124
Faculty exchange programme	-
Staff training conducted by the university	87
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	53
Others (faculty training for the use of national level e-resources)	06

### 2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>Number of Permanent Employees (318)</b>	<b>Number of Vacant Positions</b>	<b>Number of permanent positions filled during the Year</b>	<b>Number of positions filled temporarily</b>
Administrative Staff	390	119	2	NIL
Technical Staff	90	43	NIL	NIL

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Interaction programme for Ph.D Scholars
- Conducted programmes on Research Methodology & Open Source Tools
- Increased the staff strength to speed up the Ph.D evaluation section
- Doctoral Review Committee meetings are made mandatory for Research Scholars
- For foreign scholars, the Review is done through video conferencing

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	28	36	14	22
Outlay in Rs. Lakhs	1,96,64,900	6,77,85,078	2,67,53,175	

#### 3.3 Details regarding minor projects : Nil

#### 3.4 Details on research publications

	International	National	Total
Peer Review Journals	214	46	260
Non-Peer Review Journals	-	-	-
e-Journals	171	68	239
Conference proceedings	96	82	178

#### 3.5 Details on Impact factor of publications:

Range: 0.65 to 6.66      Average: 2.88      h-index: 2-22      Scopus: 121

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Ongoing	Completed	Total	Name of the funding Agency	Total grant sanctioned	Received
Major projects, Interdisciplinary Projects	36	28	64	DBT,ICMR,UGC,DST,C SIR,NBHM,DRFST,DST Nano Mission, DBT Bio-Care, Women Scientist, UKIERI, DAE-BRNS, UGC-DAE, ICSSR, CMA, Govt. of Tamilnadu, CBM	8,74,49,978	4,37,24,989
Total	36	18	64		8,74,49,978	4,37,24,989

**3.7 No. of books published: 27**

**Chapters in Edited Books: 18**

**3.8 No. of University Departments receiving funds from**

UGC-SAP : 08      UGC-BSR : 03      DBT : 09  
DST-PURSE : 05      DST-FIST : 06      INSPIRE : 06

**3.9 For colleges** : Not Applicable

**3.10 Revenue generated through consultancy** : NIL

**3.11 No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	6	9	2	5	-
Sponsoring agencies	UGC	UGC DST DAE DRDO	UGC	UGC	UGC

**3.12 No. of faculty served as experts, chairpersons or resource persons** : 106

**3.13 No. of collaborations**

International : 25  
National : 20  
Any other : 0

**3.14 No. of linkages created during this year** : 04

**3.15 Total budget for research for current year in crores:**

**From Funding agency and UGC** : 8.74 crores  
**From Management of University/College** : 1.65 crores  
**Total** : 10.39 crores

**3.16 No. of patents received this year** : Nil

**3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year**

Total	International	National	State	University	Dist	College
15	3	5	7	-	-	-



**3.18 No. of faculty from the Institution who are Ph. D. Guides** : 155  
**and students registered under them** : 156 (admitted in 2013-14)

**3.19 No. of Ph.D. awarded by faculty from the Institution** : 164

**3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)**

**JRF: 57      SRF: 31      Project Fellows: 59      URF: 44**

**3.21 No. of students Participated in NSS events:**

**University level : 610      State level : 6450**

**National level : 39      International level : 01**

**3.22 No. of students participated in NCC events :** Not Applicable

**3.23 No. of Awards won in NSS:**

**University level : Nil      State level : 07**

**National level : 03      International level : Nil**

**3.24 No. of Awards won in NCC:** Not Applicable

**3.25 No. of Extension activities organized**

**University forum: 04      College forum: 03      NSS: 07**

**3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility**

- Initiative made to create the campus as Green Campus
- Organised exhibition for physically challenged by Department of Social Work
- National Integration Camps
- Blood Donation Camps
- Free Eye Camp
- Environmental Awareness Program

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	976.81 Acres		Government of Tamilnadu	976.81 Acres
Class rooms in sq.ft	62291.37	4330.03	Funds from UGC, University and Tamilnadu Government	66621.40
Laboratories	70931.6	576.09		71507.69
Seminar Halls	16349.89	-		16349.89
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

#### 4.2 Computerization of administration and library

- Automation of the Research & Development Centre, Bharathiar University
- Installed Online Document Verification System

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1,54,303	-	10418	155.52	1,64,721	-
Reference Books	4,382	-	187	-	4,569	-
e-Books	2,700	-	-	-	2,700	-
Journals	104	10.36	114	14.00	218	24.36
e-Journals	11000+	Free	-	-	11000+	Free
Digital Database	02	08.48	01	08.00	02	16.48
CD & Video	136	00.36	-	-	136	00.36
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1423	29	01	01	-	44	33	-
Added	45	01	-	-	-	-	-	-
Total	1468	30	01	01	-	44	33	-

**4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)**

- Provided desktop/laptop facility to all the teaching staffs
- Workshop on Social Science Research Methodology and Use of SPSS Software for Data Analysis’ organized by Department of Population Studies and Department of Extension & Career Guidance.
- Seminar & training on e- learning platform-moodle was organized by IQAC

**4.6 Amount spent on maintenance in lakhs :**

<b>i) ICT</b>	<b>:</b>	<b>Rs. 25.15</b>
<b>ii) Campus Infrastructure and facilities</b>	<b>:</b>	<b>Rs. 898.96</b>
<b>iii) Equipments</b>	<b>:</b>	<b>Rs. 131.62</b>
<b>iv) Others</b>	<b>:</b>	<b>Rs. 366.96</b>
<b>Total</b>	<b>:</b>	<b>Rs. 1422.69</b>

## **Criterion – V**

### **5. Student Support and Progression**

#### **5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

- Medical Centre for first aid and emergency treatments
- Post office
- Foreign students centre will help or advise on aspects of University accommodation, counseling, health and employment.
- Grievances Redressal Cell for voicing the grievances of students and research scholars.
- Internet centre equipped with high speed broadband facility, caters to the needs of the students in browsing and electronic mail.
- Fitness Centre for physical fitness and A separate fitness center is also available for women
- Green Box for placing the suggestions for betterment and also for expressing grievances if any.
- Women’s Centre to offer counseling for women staff and students and to arrange free medical checkup.
- Ramps for differently-abled students.
- Finishing schools are held during summer vacations with the support of industrial experts
- Website ([www.careersvarsity.com](http://www.careersvarsity.com)) enable students to register for placement opportunities and employers to select the right candidate and placement officers for resource support
- Website ([www.aptitutecoach.com](http://www.aptitutecoach.com)) enable coaching students in various aptitude areas
- Anna Centenary Civil Services Coaching Academy
- University Science Instrumentation Centre provides facilities for design and development of mechanical accessories, assemblies, models, etc.

#### **5.2 Efforts made by the institution for tracking the progression**

- Regular meeting of Heads of the Departments by the office of the Vice-Chancellor
- Department level meetings with the members of faculty by the Heads of the Departments
- Meetings of the Co-ordinator, CBCS with the faculty members
- Need based meetings of the teachers with the parents
- Feedback from students, alumni and parents
- Tutorial system

**5.3 (a) Total Number of students**

UG	PG	Ph. D.	Others
91	983	160	

(b) No. of students outside the state : 56

(c) No. of international students : 4

<b>Men</b>	No	%	<b>Women</b>	No	%
	431	43.84		552	56.15

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
161	238	11	686	-	1096	116	225	12	630	-	983

Demand ratio **1:3** Dropout <1%

**5.4 Details of student support mechanism for coaching for competitive examinations (If any)**

- Anna Centenary Civil Services Coaching Academy
- Website (www.careersvarsity.com) enable students to register for placement opportunities and employers to select the right candidate and placement officers for resource support
- Website (www.aptitutecoach.com) enable coaching students in various aptitude areas
- Finishing schools are held during summer vacations with the support of industrial experts
- Conducted NET coaching classes for SC/ST/OBC non-creamy layers by all the Departments of the University

**No. of students beneficiaries** : 162

**5.5 No. of students qualified in these examinations**

NET	<input type="text" value="5"/>	SET/SLET	<input type="text" value="0"/>	GATE	<input type="text" value="1"/>	CAT	<input type="text" value="0"/>
IAS/IPS etc	<input type="text" value="0"/>	State PSC	<input type="text" value="0"/>	UPSC	<input type="text" value="0"/>	Others	<input type="text" value="1"/>

## 5.6 Details of student counselling and career guidance students interaction programme

- Organised ‘Language Training’ for the students from Malaysia, by the Department of Linguistics
- In every department the faculty members are Mentors for the students who provide counseling and guidance to the students allotted under them. In this Tutor/ Mentor system students are allotted in the ratio of 1:20 under a faculty mentor.
- Job fairs are conducted on campus and off campus for the benefit of students of university departments and affiliated colleges.
- Bharathiar Counselling Centre focuses on the personal, psychological, academic and other related problems of the students- 342 students participated
- At the department level the industrial experts and trainers in soft skills are invited to train the students during the final semesters of the programme.
- The department of Extension, Career Guidance and Students Welfare exclusively works for the outreach, placement activities and students welfare apart from the activities taken up by the individual departments.
- A separate budget provision is given for each department for career counseling and placement. No. of students benefitted: Around 1600 (on and off campus)

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
19	116	36	48

## 5.8 Details of gender sensitization programmes

- Department of Women’s Studies creates awareness on gender sensitization by organizing various training programmes and seminars as part of their extension activities. A three day seminar on “Gender Sensitization for Police Personnel” was organized in collaboration with police recruitment school.
- The department of Women Studies has also organized poster, essay writing, short story writing, debate, street play, skit competitions on Women Empowerment.

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level : 06

National level : Nil

International level : Nil

### No. of students participated in cultural events

State/ University level : 166

National level : 09

International level : Nil

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : **State/ University level** : 57      **National level:** 05      **International level** : 05  
Cultural: **State/ University level** : Nil      **National level** : Nil      **International level** : Nil

### 5.10 Scholarships and Financial Support

	<b>Number of students</b>	<b>Amount</b>
Financial support from institution	URF-43 Endowments- 36	1,79,500 6,35,000
Financial support from government	Scholarships from Government – 1038	40,85,000
Financial support from other sources	Fellowships from funding agencies -162	1,70,61,200
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : **State/ University level** : 01      **National level** : Nil      **International level** : Nil  
Exhibition: **State/ University level** : 01      **National level** : Nil      **International level** : 01

5.12 No. of social initiatives undertaken by the students : 15

### 5.13 Major grievances of students (if any) redressed:

- Additional food court initiated in Overseas Hostel
- Transport facility was enhanced for students, teachers and staff
- Enhanced hostel accommodation for women students
- Facilities available in the Health Centres were enhanced

## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

##### **“Vision of Bharathiar University”**

Our vision is to provide internationally comparable quality higher education to the youth. The aim is not only focused on imparting subject knowledge and skills, but also to mould the students with better conduct and character committed to the societal needs and national development. Enshrined with the motto “Educate to Elevate”. The University strives to realize the vision of India and excel in promoting and protecting the rich heritage of our past and secular ideals of the nation.

##### **“Mission of Bharathiar University”**

- To be innovative, inclusive and international University; committed to excellence in teaching, research and knowledge transfer and to serve the social, cultural and economic needs of the nation".
- To innovate and offer educational programmes in various disciplines with synergistic interaction with the industry and society.
- To impart knowledge and skills to students equipping them to be ready to face the emerging challenges to the knowledge area.
- To provide equal opportunity to women students and prepare them to be equal partners in meeting the scientific and technological demands of the nation.
- To contribute to the advancement to knowledge through applied research leading to newer products and process.
- To prepare the students to work for societal transformation with commitment to justice and equality.
- To inculcate among students a global vision with skills of international competence.

#### **6.2 Does the Institution has a management Information System**

Each administrative unit has separate Management Information System. However efforts are under process to integrate various administrative and academic departments.



## **6.3 Quality improvement strategies adopted by the institution for each of the following:**

### **6.3.1 Curriculum Development**

Every Department has a prescribed course structure, which in general terms is known as Curriculum/Course of Study/Programme. It prescribes courses to be studied in each semester. This includes all the curricula and course contents. The University is one among the few institutions in Tamilnadu which implemented the Choice Based Credit Systems since 2000 – 01. The main objectives of CBCS are

- To offer flexibility in the choice of courses to students.
- To enable a student to do a given course at his convenient pace in time.
- To offer mobility of a student from one degree programme to another in the same university.

The University has definite policies in the creation of curriculum and updation of the curriculum. The curriculum is revamped to provide the state-of-the-art education and training in both fundamentals and applied aspects. It is also designed to identify areas of core competence which is reasonably stable and which suits the vibrant industry and the increasing usage of computers. The curriculum also provides sufficient number of electives and laboratory-based papers to support the changing needs of the industry. Many papers include lab components where the students are able to learn the latest software languages and tools.

The curriculum also gives emphasis on mini-projects and projects where students are expected to develop a real-time industrial applications/ module required for the industries. Thus students are exposed to industrial environment. This would enable the students to be aware of the requirements in the industry and equip themselves to jobs once they complete their course. The curriculum also focuses on providing problem solving skills, arranging remedial coaching and personal counselling for students who need such support. The guidelines for mini-project and project is also designed which gives instructions to the students on the preparation of the thesis. Case studies are included in the syllabus so that students are involved in the learning process and this would make learning effective. Importance is given to improve teaching-learning process through usage of Information and Communication Technology.

### **6.3.2 Teaching and Learning**

- Continuous Internal Assessment includes mandatory assignments, seminar presentations, field and project work in all courses.
- Provisions are available for internet access to our library users so as to enable them to access the various learning resources available in the academic websites.
- Classes are handled with aids like PowerPoint presentations, Case Studies, etc.
- National and International seminars, conferences and workshops are conducted in every department which enable students to utilize the knowledge and experience of experts
- Every department has smart class rooms which enable Multimedia presentation and video conferencing facilities
- Internet with Wi-Fi and Inflibnet facilities are available in department and University libraries

### **6.3.3 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 90 working days.
- 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% marks in the examination, in case of PG and M.Phil exams.
- Attending two Doctoral Committee meetings are compulsory for the Ph.D students to submit their thesis

#### **6.3.4 Research and Development**

- Bharathiar University is distinguished by high academic standards, experienced faculty and rigorous curriculum. The Executive Ph.D. programme exclusively facilitates I.A.S./I.P.S. and similar cadre at the Union Government Services and Corporate Executives working in India and abroad as well in order to achieve personal and professional enrichment and career advancement and executive researchers in turn, enrich and advance the lives of countless others they serve. As an accredited University, we believe that research knowledge is most valuable when put to use in organizations and communities.
- The Executive Research Programme is designed in such a way as to have a research knowledge and exposure in a specific managerial and administrative fields, Two-day Research Workshop will be conducted for the Ph.D. aspirants at the Bharathiar University Campus and approved Centres in abroad. Appropriate guide lines shall be given to them.
- Under this category, candidates who fulfill the eligibility criteria can register for Ph.D. programme under a Research Supervisor recognized by the Bharathiar University. The Research Supervisor under this category may work in the Bharathiar University Departments or in the Affiliated Colleges / Approved Research Institutions of Bharathiar University or Working in Colleges, Universities outside Bharathiar University area.
- MoU was signed between Bharathiar University and Anglia Ruskin University – United Kingdom for research collaboration in various fields (04.04.2014)

#### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

- 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.

### **6.3.6 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.

### **6.3.7 Faculty and Staff recruitment**

#### **Teaching Faculty**

To recruit teaching faculty members University follows rigorous methods. The number of recruitees is determined based on the emerging requirements of new courses in departments. The requirements of every department are placed before the faculty council for approval. Further it is placed at the appropriate forum for discussion and final sanction is accorded by the Syndicate. Based on the approval, advertisements are published in the national and regional newspapers and in the official website of Bharathiar University. After the last date for receiving applications a scrutiny committee is appointed headed by the Deans of respective faculties. Once the screening process is over, shortlisted candidates are intimated about the dates of personal interview. As per the Acts and Statutes, a selection committee is constituted. The Vice Chancellor is a chair person for all the selection committees. The recommendations of the selection committee are placed before the Syndicate for approval. The candidates are informed about the selection individually and are sent an offer letter. Promotion to teaching staff is done according to the career advancement scheme (CAS) of UGC for their upward mobility.

## **Non-teaching staff**

The recruitment for non-teaching staff is also followed in the same manner described earlier with appropriate focus on the relevant job functions. For most of the non-teaching staff positions (other than entry level positions) internal recruitment practice is followed. The interview for the non-teaching staff members is conducted by a duly constituted panel of members nominated by the Syndicate and promotions are given based on their performance.

### **6.3.8 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
- Three Memorandum of Understandings (MoU) were signed during the year 2011-12 to initiate collaboration between Bharathiar University and other institutions in research and other domains.

### **6.3.9 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 5<sup>th</sup> semester / II year of the UG Degree. A merit list is prepared following the reservation norms of the Tamilnadu 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 Tamilnadu Common Entrance Test (TANCET) and marks secured by them upto 5<sup>th</sup> semester / II year of the UG Degree. Admissions are based on the communal reservation norms of the Tamilnadu Government. The counseling letter in the ratio of 1:4 is sent with the fee structure. If vacancies exist after the first counseling, a maximum of five candidates for every vacancy is called for further counseling.

## M.Phil., Ph.D. and Category-B External Ph.D. Admission

Bharathiar University has adopted the UGC regulations 2009 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 entrance test and marks scored by them in the qualifying degree examination (PG/ M.Phil. Degree). Admissions are based on the communal reservation norms of the Tamilnadu Government.

### Admission by Entrance Test:

Selection is based on performance in an entrance test and in the qualifying examination (UG) upto V Semester / II year. The Entrance Test is conducted in the university campus only.

### Direct Admission:

Spot Admission will be made on submission of application on first come first served basis. Candidates can also apply online (or) download the application form from the website and submit the filled-in application with required fee.

## 6.4 Welfare schemes for

Teaching & Non Teaching Staff	<ul style="list-style-type: none"><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>• 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 staff.</li><li>• 50% tuition fee concession in School of Distance Education is given for permanent teaching and non-teaching staff and their wards</li><li>• Bharathiar University has associations for both Teaching and Nonteaching staff which take care of their welfare</li></ul>
Students	<b>Fee Concession</b> <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>

	<p><b>Scholarships</b></p> <ul style="list-style-type: none"> <li>• Award of Indira Gandhi PG Scholarship for Single Girl Child</li> <li>• Award of PG Merit Scholarship for University Rank holder</li> <li>• Award of PG Scholarship for Professional Courses for SC/ST students</li> <li>• Post-Matric Scholarship for Minority students</li> <li>• Scribes are assigned for visually challenged students at the time of practical and theory exams.</li> <li>• Apart from scholarships, endowments and University Research Fellowships are also available for obtaining financial assistance</li> <li>• Group insurance schemes for all students</li> </ul>
--	---

**6.5 Total corpus fund generated** : 98.00 Crores

**6.6 Whether annual financial audit has been done** Yes  No

**6.7 Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Administrative	No	-	Yes	Internal experts nominated by the Vice-Chancellor

**6.8 Does the University/ Autonomous College declares results within 30 days?**

**For UG Programmes** Yes  No

**For PG Programmes** Yes  No

### **6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?**

- Application for examination can be downloaded and submitted online
- Examination schedule is prepared well ahead. The schedule is intimated to the students of the University departments and affiliated colleges in advance of minimum 15 days. The schedule is either displayed on the notice boards or uploaded on the website.
- Bharathiar University has taken marathon steps to issue **Degree Certificates with 11 unique security features** with QR code which makes the certificates highly safe and easy authenticated level verification from any part of the world.
- After publishing the results the mark sheets and provisional certificates are sent to affiliated colleges within a week.
- University has introduced online registration of candidates from the university departments and affiliated colleges for the examination. This enables error free and faster storage of students information.
- Multiple Choice Questions are introduced in the question paper of Part time Ph.D Category-B Entrance Test conducted by Bharathiar University
- The entrance test are conducted using Optical Mark Recognition (OMR) sheets

### **6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?**

- The circulars from UGC are regularly circulated through University website
- Bharathiar University affiliated Colleges are motivated to have academic autonomy in activities such as Curriculum Development, Admission, etc.,
- In the beginning of every academic year, meetings with Correspondents, Secretaries and Principals of Affiliated colleges, Constituent colleges and PG centre are conducted

### **6.11 Activities and support from the Alumni Association**

- Alumni participation in Curriculum development through interactions and feedback
- The university has a strong alumni network. The website [www.b-u.ac.in/alumni/index.html](http://www.b-u.ac.in/alumni/index.html) is originally developed and hosted by the alumni on 22<sup>nd</sup> oct 2001.
- Alumni members also share their expertise by serving as resource persons for seminars, conferences and workshops, etc., The Alumni Association is energetic. It works in close association with the University and supports all its activities
- Every year alumni day celebration is planned during December
- The alumni members serve on Boards of Studies and Academic Council
- Alumni provide Training and placement assistance in all the placement activities



### **6.12 Activities and support from the Parent – Teacher Association**

- The parents support the University by advising in the curriculum development, up gradation of Infrastructure facilities.
- The meetings of Parents and Teachers serve as a platform to make education more effective.
- In the beginning of every academic year a meeting is conducted with the parents of admitted candidates.

### **6.13 Development programmes for support staff**

- Computer training to all University staff members are given
- University makes continuous efforts in encouraging Staff members to undergo training and development programs.
- Repair and maintenance work was carried out in Support Staff Quarters
- Participatory contribution in various committees

### **6.14 Initiatives taken by the institution to make the campus eco-friendly**

- Gardening team with Garden Superintendent working on campus beautification.
- Rain water harvest system used to recharge the bore wells.
- The entire campus is pollution free
- Environment and Energy audit.
- Students services are utilized to keep the campus clean. Every year NSS unit organizes ‘Eradication of Parthenium Plant’ program.
- Initiations have been taken to convert the **Campus as solar energized one.** University has installed twenty-two solar street lamps and 112 solar bulbs in the campus
- Awareness programs on economical consumption of electricity.

## Criterion – VII

### **7. Innovations and Best Practices**

#### **7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.**

- The total number of programmes offered in the University is approximately 400 including U.G., P.G., M.Phil., Ph.D., Certificate, Diploma and P.G. Diploma Courses.
- Innovation in e-governance initiatives, a high-end office automation software has been installed in the Research & development Centre, Controller of Examinations Section, and Finance Office. Moreover, a Student Support Centre is established to facilitate easy accessibility of services such as, payment of fee, etc.
- Bharathiar University is one among the nine Universities which is selected as a nodal centre for the National Knowledge Network
- Highest number of students are placed in TCS from Bharathiar University
- The Student to Teacher and Teacher to Teachers relationships are good which leads to better functioning of the institution
- Bharathiar University has implemented Free education for poor and talented students

#### **7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year**

- Department of Physics conducted workshop on **Theoretical Physics organized**
- NSS unit organized seminar on **‘Social Harmony and Human Rights’**
- Department of Sociology and Population Studies conducted National seminar on **Social exclusion in India: Perspectives and challenges**
- Department of Commerce conducted workshop on **Data analysis in business research**
- Department of Psychology conducted National seminar on **Enhancing psychological well being**
- Department of Medical Physics conducted National seminar on **Radiation technology in health care and its safety**
- Department of Econometrics conducted Workshop on **Application of econometric techniques in empirical research**
- Department of Computer Applications conducted Seminar on **Cyber Security**
- Department of Textiles and Apparel Management conducted International conference on **Emerging trends in textiles, apparel production & management**

- Department of Electronics and Instrumentation conducted National workshop on **Recent trends in electronics and instrumentation**
- Department of Nano Science and Technology Conducted **National Science Day**
- Department of Information Technology and Department of Computer Science conducted National seminar on **Wireless communication and mobile computing**, organized by
- Department of Social Work conducted International conference on **Strengthening inclusive practices for mainstreaming persons with disabilities in higher education and work place**
- Department of Education conducted National seminar on **Teacher education towards preparing professional and humane teacher**
- Department of Women's Studies conducted National seminar on **Women and leadership**
- Department of Chemistry conducted Workshop on **X-ray crystallography and its applications**
- Department of Sociology and Population Studies conducted National seminar on **Aging and elderly persons in India: Perspectives and issues**

### 7.3 Give two Best Practices of the institution

#### Best Practice 1

##### 1. Title of the Practice

ATA EXPO, 2013

##### 2. Objectives of the Practice

- To bring together assistive technology and accessibility expertise, products in India under one roof.
- To create awareness on technology happenings, accessibility options available for people with disabilities
- To enhance their education as well as career prospects in par with their peers in society.

##### 3. Context

Making education inclusive for the differently-abled did not just mean giving them an opportunity to study in higher educational institutions, but also meant making all systems associated with education accessible and affordable for them. In organizing this ATA Expo it was felt that nearly

2000 people with disabilities will get benefitted by knowing the support services available for them. The arrangements for the Expo met with little challenges in the training and installation of software in the Multimodal Material Preparation Centre and setting up of ramps for accessibility of the people with disabilities also a challenging task to fix it in many places in the University. Allocation of stalls for different exhibitors, display of their products, equal time sharing for their presentations was given more concentration as all the stalls and NGOs helps in enhancement of the empowerment of people with disabilities.

#### **4. Practice**

Department of Social Work, Bharathiar University and CBM along with stakeholders in the domain of disability services join together to create awareness, identify specific needs, offer solutions, implementation strategies for an inclusive educational environment for people with disabilities. Barrier Break teams are aligned with vision and mission to help people with disabilities to provide accessible solutions. One stops Voice, Speech, language clinics instrumentation Supply Company for all disciplines - ENT Clinic, Speech Therapy were given by Voice Tech. Many NGOs participated in this Expo to promote the different assistive devices for the betterment of people with disabilities to groom and enhance their skills to reach a greater success in their life. The Expo was a complete solution to improve the educational and social empowerment of differently abled person's life.

#### **5. Evidence of Success**

The Expo was organised with a plan of promoting the knowledge for a minimum of 2000 people with disabilities whereas a tremendous response has been obtained from various NGOs', special schools and organisations who work for people with disabilities to make 3000 people with disabilities get participated and benefitted from the Expo and in the Multimodal material preparation center with different kinds of knowledge based assistive devices and accessible technologies that are available in the present scenario. The outcome of the Expo brought us a greater conviction that Social Work has done its professional application towards the betterment of weaker sections of the society through its eternal practices. This also pays the way for further necessary actions to be concentrated towards the enhancement and empowerment of people with disabilities in the areas not only restricted to education but also with the need for technological updates.

### **Best Practice 2**

#### **1. Title of the Practice**

The International Conference on Intelligent Computing Applications - **ICICA 2014** is titled as ICICA Going Green

#### **2. Objectives of the Practice**

The aim of the conference ICICA 2014 was to organize the pre-conference activities paper acceptance, review and intimation and release of proceedings through e-mode. A Conference website ICICA 2014 was exclusively hosted providing all the details about the conference and the same has been also promoted through social networking. The Conference Management tool CMT of Microsoft a free portal was used to post the papers by the authors by providing individual usernames. The review of the papers was received digitally by 100 reviewers. Paper acceptance is also intimated to the authors using the same portal digitally. The mode of payment for the conference by the authors is

through NEFT transfer for the conference account. No Papers has been used for the conference for the above mentioned steps. The conference ICICA was going green for maintaining the biodiversity.

### **3. The Context**

Identifying the right tool was the important task for organizing the event. The authors and reviewers are provided with detailed steps to register and verify their status for using the portal. More queries were posted by authors when problems encountered which were answered digitally through emails.

What were the contextual features or challenging issue that needed to be addressed in designing and implementing the practice in about 150 words.

### **4. The Practice**

Describe the best practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced in about 400 words.

### **5. Evidence of Success**

The Conference ICICA 2014 practice followed was found to be a great success. The conference was posted to more than 10,000 users through e-broucher and email communication and social networking sites. The website created was visited by more than 8500 users within 90 days from the date of the conference. The Conference received tremendous response from participants all over India and other countries. 450 Papers were received for the conference. All the papers were peer reviewed by two reviewers. 100 reviewers reviewed the papers through CMT tool and submitted their reviews online digitally. The conference first of its kind posted the review comments for all the papers received to the authors to improve and modify their papers. 180 papers were selected from 450 papers. All Review comments and papers were maintained electronically.

The publication of the conference is done in three means. 92 papers were archived in IEEE Digital Xplore Web publication online and 60 papers as Conference Proceedings with ISBN and 28 papers were published in International Journal of Research in Computers with ISSN published by Department of Computer Applications. All the authors were distributed the electronic copies of the proceedings in CD.

This conference has contributed by making paperless work and saved the usage of more than 10 reems of paper needed for maintaining the details. As per the statistics for making papers 1 tree makes 16.67 reams of copy paper or 8,333.3 sheets 1 ream (500 sheets) uses 6% of a tree (and those add up quickly!) we have one tree (75%) required for making papers for the conference. As the title Going Green 5 saplings has been planted as part of the conference.

Problems Encountered and Resources Required

Minimum resources are required to implement the said practice.

Hardware : Internet Connection and an External Hard disk to store the data.

Software : Website, A tool to manage the Conference.

## 6. Notes (Optional)

As a follow up activity we would like to bring out a publication of Best Practice of Internal Quality Assurance Cell (IQAC). The presented practices should have been developed, practiced by the IQAC of the University/Institution pertaining to any one of the seven criteria for quality assessment. It is requested to submit only one Best Practice of IQAC of your institution. The format for the presentation is given below. These selected Best Practices will be published in the form of book with ISBN Number.

### 7.4 Contribution to environmental awareness / protection

- Our volunteers had participated in the national awareness programme on (solar energy) non-convention energy conducted in Bharathiar University
- Volunteers have donated more than 5000 units of blood to the needy
- NSS unit has organised intercollegiate level competition on the theme of Youth and HIV
- As a step towards making University a Green Campus Birthday Park was setup
- Awareness programmes were conducted on sanitation, solid waste management and water resource management

7.5 Whether environmental audit was conducted? Yes  No

### 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

#### Strengths:

- The University is ranked as **one of the top 50 Universities in India** in a survey conducted very recently by the popular English Magazine “**India Today**”. Moreover, Bharathiar University is the only University from Tamil Nadu to find a place in this prestigious list
- Bharathiar University is ranked first among Southern Universities and second best Arts and Science University in India by Times of India
- The UGC – ASC of Bharathiar University is ranked as No.1 among the ASC in Tamilnadu and 12th among the ASC in India by NAAC
- The University has been funded with grants to the tune of **Rs. 57.38 crores** by the **University Grants Commission** under development assistance activities, schemes, projects, etc. and by the Distance Education Council for promoting the activities of the Distance Education programmes.

- For the First time in India and even in Asia, Bharathiar University has taken marathon steps to issue **Degree Certificates with 11 unique security features with QR code** which makes the certificates highly safe and easy authenticated level verification from any part of the world.
- The entire campus is pollution free
- The various programs organised by Bharathiar University have as a strong carrier focus. To support the students for the higher studies and placement collaborations are made with industries and national research laboratories
- Bharathiar University is one among the nine Universities which is selected as a nodal centre for the National Knowledge Network
- University has excellent teaching faculty members with more than 90% of the faculty members having their Doctoral Degree and they have produced around 420 Ph.D degree holders during the report period

#### **Weaknesses:**

- The collaboration at global level is limited only to some streams
- Need for advanced equipments and tools in some research laboratories
- The research output from University is not fully utilised for the welfare of the society in the form of innovative products

#### **Opportunities:**

- Training of research scholars in multi-disciplinary areas
- University has the scope to become University with Potential for Excellence
- Many centres concentrating specific field of research are likely to be established
- The study centers are established only limited countries (Dubai, Kuwait, Qatar, S.Arabia) more centers can be established in various other part of the World
- Possibility of conducting conferences by Bharathiar University and International collaborating institutions.
- Research students have the opportunities to be trained using webinar in recent techniques

#### **Threats:**

- Increasing number of educational institutions across the country

## 8. Plans of institution for next year

### Academics:

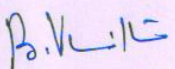
- It is proposed to start a new course on **Human Genetics & Molecular Biology** under the School of Biotechnology and Genetic Engineering
- It is proposed to start a new course on **Cyber Security** during the ensuing academic year 2014-15 under the School of Computer Science and Engineering
- It is proposed to establish a **Centre for Financial Studies**
- It is proposed to establish a **Centre for Open Source Creation & Learning**
- To promote in-house journals

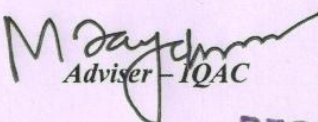
### Students Support:

- It is proposed to support 100 research scholars in the form research scholarship from the proposed funds from RUSA

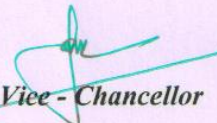
### Infrastructure:

- It is proposed to establish a recycling unit for **Waste Water Management** for recycling the used / waste water from the hostels for the purpose of maintaining the lawns, trees in the campus.
- It is proposed to construct a **Subway** between the main entrance of the University and the girls hostel for the safer movement of the students.
- It is proposed to construct **Check Dam** in the University campus for rain water harvesting and improving the ground water level to avoid the soil erosion.
- It is proposed to construct buildings worth of Rs. 14.88 Crores during the year 2014-15, which include the constructions of additional floor of administrative block, additional class room facility at Bharathiar University Constituent College, Gudalur, Radiation protection and source room, and additional floor in Physical Science building.
- Installation of **Web-Camera** in the Examination halls.
- **Collaboration** with Foreign Universities and Institutions for research and exchange programs.
- To increase **Programme Options** available to students in terms of Diplomas, value added course, online courses and Certificates programs.
- Integration of Academic departments and Administrative units through **Automation**.

  
Coordinator - IQAC

  
Adviser - IQAC

  
Registrar

  
Vice - Chancellor

**REGISTRAR** Prof. Dr. G. JAMES PITCHAI<sup>39</sup>  
Bharathiar University VICE-CHANCELLOR  
Coimbatore - 641 046 Bharathiar University  
Coimbatore - 641 046





# Bharathiar University

State University

Coimbatore - 641 046, South India

Re-accredited with 'A' grade by NACC

PHONE: +91 422 2422222, 2422203 FAX: +91 422 2425706 WEBSITE: [www.b-u.ac.in](http://www.b-u.ac.in)

