

**ANNUAL QUALITY ASSURANCE REPORT (AQAR)
FOR THE ACADEMIC YEAR 2012-13**

SUBMITTED BY



**BHARATHIDASAN UNIVERSITY
(ACCREDITED BY NAAC WITH 'A' GRADE)
TIRUCHIRAPALLI 620 024**

SUBMITTED TO



**NATIONAL ASSESSMENT & ACCREDITATION COUNCIL
NAGARBHAVI
BENGALURU 560 072**

ABOUT THE UNIVERSITY

General Information

Bharathidasan University established in February 1982 and was named after the great revolutionary Tamil Poet, Bharathidasan (1891-1964). The motto of the University is *“We will create a brave new world”*. The University endeavours to be true to such a vision by creating in the region a brave new world of academic innovation for social changes. The University was re-accredited with ‘A’ Grade (CGPA – 3.16 in 4 point scale) by NAAC in September 2012.

The University has Palkalaiperur campus [main campus] located on the Tiruchirapalli-Pudukkottai highway and a city campus at Khajamalai. At present the University has 4 Faculties, 19 Schools, 36 Departments, 24 Centres and 8 Hostels for boys and girls and a Health Centre and are housed in the main campus at Palkalaiperur and in the city campus at Khajamalai. The School of Computer Science, Engineering and Applications, Departments of Economics, Educational Technology, Geology, Lifelong Learning, Social Work, Statistics and Women's Studies, Centre for Remote Sensing, Centre for Differently Abled Persons, the Institute for Entrepreneurship and Career Development (IECD), the Bharathidasan University Technology Park (BUTP) and Centre for Youth Development and Studies are functioning at the Khajamalai Campus. Hostel facility is available in this campus. The other academic Departments, the University Central Library, Administrative Offices, the Sports Complex, Bank, Post Office, Canteen, Health Centre, Staff Quarters, etc. are all located in the main campus.

All the Departments and a few Research Centres are conducting teaching programmes at different levels (PG, Integrated PG, M.Phil., PG Diploma, Diploma, Certificate and Ph.D.). The teaching programmes are conducted under the Choice Based Credit System in semesters with sufficient flexibility and freedom to the students. The extension services rendered by the Institute of Entrepreneurship and Career Development (IECD) and the Department of Women’s Studies to community, especially to the under-privileged are commendable. The University under its Distance Education mode is conducting various UG and PG programmes.

Some of the Departments are supported by DST (Department of Science and Technology) under its FIST (Fund for Improvement of Science & Technology Infrastructure in Universities & Higher Educational Institutions) programme and UGC (University Grant Commission) under its SAP (Special Assistance Programme). Bharathidasan University is also selected by DST for its support under PURSE programme in recognition of high quality publications by the Science Departments.

All the Departments and Research Centres are endowed with good infrastructure facilities. In addition to the computers available in the Departments and Research Centres, the University Informatics Centre houses a large number of computers with networking and internet connectivity for the benefit of students, research scholars and faculty members. Totally, there are more than 1000 computers available for students and faculty.

The Central Library of the University has a good collection of books and e-books in addition to subscribing a number of journals and audio-video cassettes. The library has INFLIBNET and DELNET facilities. The UGC infonet facility helps to access more than 10,000 e-resources including thousands of e-journals. Through the digital library of the University the students and faculty members can have access to more than 5000 back volumes and 7000 electronic books. The number of books, journals and periodicals are updated every year. The library provides open access system for the users including students, research scholars and teaching faculty. In addition to the above central facility, the Departments have their own libraries.

There are eight hostels in the University. Among them, four are meant for boys and the remaining four are for girls. One hostel is located at the Khajamalai Campus and all the other hostels are in the Palkalaiperur main campus. All the hostels have WI-FI facility and thereby the students can access internet from their respective rooms using their lap-tops. The University, in its main campus, has a Health Centre.

The University is an affiliating one with the jurisdiction over the eight districts of Tiruchirappalli, Pudukkottai, Karur, Perambalur, Ariyalur, Thanjavur, Tiruvarur and Nagapattinam. The University area lies in the strategic central part of Tamil Nadu, covering the Cauvery delta, traditionally known as intellectual capital of the state. There are 138 colleges affiliated to the University including 123 Arts and Science Colleges and 3 Colleges of Fine Arts. Among them 8 government and 11 government aided colleges have autonomous status. There are 10 constituent colleges associated with Bharathidasan University.

Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) of Bharathidasan University is constituted under the chairmanship of the Honourable Vice-Chancellor and is assisted by a Director. Other members of the cell nominated by the Vice-Chancellor include senior teachers, a senior administrative officer and nominees from local society. Since its inception, the IQAC of Bharathidasan University is successfully functioning and involves in a variety of quality related activities in the University.

The IQAC arranges for the evaluation of the academic and administrative activities in the campus by appointing Academic and Administrative Audit (AAA) Committee. The committee was appointed at a regular interval. During the last five years period, two such committees consisting of well known educationalists, academicians and scientists were appointed for this purpose. The last AAA was conducted during 25--27 August 2011. The Audit was performed by a committee with Professor S. Sivasubramanian (former Vice-Chancellor of Bharathiar University) and with Professor L. Kannan (former Vice-Chancellor of Thiruvalluvar University), Professor P. Gunasekaran (Madurai Kamaraj University, Professor M. Thangaraj (University of Madras), Professor M. Jayakumar (Bharathiar University) and Professor M. Selvam (Alagappa University) as members. The committee submitted a report based on observations and findings and passed on its suggestions and recommendations. Based on its suggestions and recommendations appropriate actions were taken.

Centre for Distance Education (CDE)

The Centre for Distance Education (CDE) of Bharathidasan University was established in the year 1992. The area of CDE was extended to cover all the four Southern States and Union Territory viz., Tamilnadu, Kerala, Andhra Pradesh and Karnataka. Now many study centres of CDE have been established all over India and abroad. The CDE offers more than 50 programmes including UG, PG, Diploma programmes and Professional programmes in selected disciplines. Besides the conventional programmes, the CDE is offering programmes in Computer Science and Applications, Information Technology, E-Commerce, Bank Management, Financial Management, Co-operation, Library and Information Science, etc. The lab-oriented programmes are meticulously planned and executed with the same rigour of regular programmes, with no compromise on the practical requirements.

Academic Staff College

The Academic Staff College (ASC) started functioning from 1987 at the Khajamalai Campus of the University. Its main objectives are to impart the basic skills of teaching to young faculty at the College/University level to achieve goals of the higher education, understand the signification of education in general and higher education in particular, in the global and Indian contexts, understand the linkages between education and economic and socio-economic and cultural development, keep abreast of the latest development in the specific subjects and promote computer literacy as well as the use of ICT in teaching and learning process. During XI Plan period (2007-12) it has conducted 18 Orientation Programmes and 27 Refresher Courses. Totally 1457 faculty from all over India got benefitted.

Institute for Entrepreneurship and Career Development

Institute for Entrepreneurship and Career Development (IECD), as an autonomous institution of Bharathidasan University, established during 2004-05 academic year, functions as an excellent Skill Development Institution for the different target groups ranging from school children, dropouts and unemployed youth to housewives, differently abled persons and senior citizen in Tamilnadu. During 2012-13, IECD generated about Rs.150 lakhs by the way of conceiving, designing & offering various skill based programmes. It provided Entrepreneurship Development, Career Development, Skill Development programmes to 39,502 individuals belonging to SC/ST/BC/MBC communities in Tamilnadu and awarded University certificates. Generated wage/self-employment opportunities to over 895 students/non-students youths during 2013--14.

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ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Part – A

AQAR for the year

1. Details of the Institution

1.1 Name of the Institution

1.2 Address

State

Institution e-mail address

Contact Number

Name of the Head of the Institution:

Tel. Number with STD Code:

Mobile:

Name of the IQAC Director:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (*For ex.MHCOGN 18879*)

OR

1.4 NAAC Executive Committee No. & Date:
(*For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate*)

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

S.No	Cycle	Grade	CGPA Score	Year of Accreditation	Validity Period
1	1 st Cycle	A	86.50	29 April 2003	5 Years
2	2 nd Cycle	A	03.16	15 September 2012	5 Years

1.7 Date of Establishment of IQAC : 08--05--2003

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

Bharathidasan University has been Assessed and Accredited in the year 2012. So after accreditation the first AQAR period is the present period, namely, 1 July 2012 – 30 June 2013.

1.9 Institutional Status

University : State Central Deemed Private

Affiliated College : Yes No

Constituent College : Yes No

Autonomous college of UGC : Yes No

Regulatory Agency Approved Institution (eg. AICTE, BCI, MCI, PCI, NCI) : Yes No

Type of Institution

Co-education Men Women

Urban Rural Tribal

Financial Status

Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law Phys Edu
TEI (Edu) Engineering Health Science
Management Others (Specify) --

1.11 Name of the Affiliating University (*for the Colleges*)

1.12 Special status conferred by Central/ State Government –
UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt./Univ.
University with Potential for Excellence UGC-CPE
DST Star Scheme (PURSE) UGC-CE
UGC-Special Assistance Programme DST-FIST
UGC-Innovative PG programmes Any other
UGC-COP Programmes (*Specify*)

2. IQAC Composition and Activities

2.1 Number of Teachers	<input type="text" value="9"/>
2.2 Number of Administrative/Technical Staff	<input type="text" value="2"/>
2.3 Number of Students	<input type="text" value="--"/>
2.4 Number of Management Representatives	<input type="text" value="--"/>
2.5 Number of Alumni	<input type="text" value="--"/>
2.6 Number of any other Stakeholder and Community Representatives	<input type="text" value="1"/>
2.7 Number of Employers/Industrialists	<input type="text" value="1"/>
2.8 Number of other External Experts	<input type="text" value="1"/>
2.9 Total Number of Members	<input type="text" value="14"/>
2.10 Number of IQAC meetings held	<input type="text" value="--"/>

2.11 Number of meetings with various stakeholders

Number Faculty Alumni
Non-Teaching Staff Students Others

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

Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) Number of Seminars/Conferences/Workshops/Symposia organized by the IQAC

Total Nos. International National
State Institutional Level

(ii) Themes

2.14 Significant activities and contributions made by IQAC

Students' feedback on teachers, courses and programmes were collected.

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 *

The IQAC consists of 14 members including 3 experts from Quality Management/ Industry/Local Community. The members perceive expectations and sort out the methods for enhancing quality and standard of various aspects of activities of the university.

Plan of action	Achievements
Obtain feedback from students	Feedback from students on teachers, courses and Programmes were collected. Analysis of the feedbacks has been made.
Participate in the meeting of allotting funds for organizing scientific meetings.	Assisted in assigning funds for organizing scientific meetings.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body?

Yes No

Management Syndicate Any other body

Provide the details of the action taken

The AQAR for the period 2012-13 will be placed in the forth coming syndicate meeting for approval.
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Part – B

Criterion – I

1. 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	40	--	--	--
PG	41	3	3	--
UG	--	--	--	--
PG Diploma	06	--	--	--
Advanced Diploma	--	--	--	--
Diploma	11	--	--	--
Certificate	21	--	--	--
M.Phil.	24	1	1	--
Others (Short term)	08	--	--	1
Total	151	4	4	1
Interdisciplinary	--	--	--	--
Innovative	02	--	--	--

1.2 (i) Flexibility of the Curriculum

CBCS / Core / Elective Option / Open Options.

(ii) Pattern of programmes

Pattern	Number of Programmes
Semester	68
Trimester	--
Annual	7

1.3 Feedback from stakeholders (on all aspects)

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

From Students

- From the students of Centre for Differently Abled Persons -- Training was very useful and helped us to overcome our disability.
- Students of Geography requested to introduce NET Programming course and to give advertisement for admission to the programmes well in advance.
- Department of Medical Physics students insisted for AERB approval of the Programme and appointment of qualified medical physicists.
- The Centre for Remote Sensing needed more staff for Laboratories.
- Number of books in the library of Computer Science has to be increased.

From Alumni

- The alumni of Commerce suggested for more extracurricular activities, focus on coaching for competitive examination.
- The laboratory of Computer Science has to be improved.
- Alumni of Life-Long Learning suggested to modify the M.A. H.R.M. Programme by incorporating crisis management, personality development, communication skills, and competitive skills to pass in government examination and enhance field exposure skill in order to suit to the employment requirements of the present modern world.
- Alumni of Department of Mathematics stated that they enjoyed with smart class room.
- Department of Medical Physics Alumni insisted for AERB approval of the Programme and appointment of qualified medical physicists.
- The Programmes of the Centre for Remote Sensing provided fundamental knowledge and practical experience for a successful career as Geomatics professional.
- Alumni of Women's Studies pointed out that P.G Programme courses need to be revised reducing the field work components.

From Parents

- The parents of Commerce suggested for focus on communication skills.
- The parents of students of Geography requested to offer a Five-year Integrated Programme of Geography.
- For Life-Long Learning Department a suggestion was made to conduct Communication Skills and Spoken English classes for overall personality development of students, since most of the students are from rural background.

From Employers

- For the Geography Department request was made to give emphasis on Geoinformatics to cater new employment potential in the IT sector.
- Department of Medical Physics was insisted for AERB approval of the Programme and appointment of qualified medical physicists.
- A suggestion to the Department of Women's Studies was to conduct programmes of extension one after the other rather than simultaneously organising more than one programme.

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

- Department of Animal Science: The newly-framed syllabus for the M.Sc. Animal Biotechnology programme was designed to include the classical zoology subject as well as subjects that encompass the most recent trends in Animal Biotechnology.
- Department of Biochemistry: The curriculum was updated with recent topics, a job oriented course and research oriented discussions.
- Department of Education Technology: Adopted the revised M.Ed. curriculum based on National Curriculum Framework for Teacher Education (NCFTE) as per the guidelines of NCTE.
- Department of Environmental Biotechnology: Credit was assigned for industrial visit for the Programme offered by it.
- Department of History: Double major was introduced in Integrated MA- History & Public Administration. General Studies component has been included as a part of the curriculum with one credit course. Civil service oriented syllabus was incorporated.
- Department of Industrial Biotechnology: Entire curriculum, syllabi and regulations were newly developed.
- Department of Library and Information Science: Syllabi of PGDKM was revised on 03-10-2012.
- Department of Life-Long Learning: Board of Studies meeting for M.Phil. Programme in HRM was convened on 27.09.2012.
- Department of Women's Studies: The curriculum was updated taking care of recent developments in research and job oriented activities.

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

- Department of Industrial Biotechnology has been created in July 2012 with two professors.
- School of Biotechnology was created with the Departments: Department of Biotechnology and Genetic Engineering and Department of Industrial Biotechnology. (Syndicate agenda No.2012.108 Dt.16.06.2012).

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total number of permanent faculty

Total	Assistant Professors	Associate Professors	Professors	Others
191	107	23	61	----

2.2 Number of permanent faculty with Ph.D. -- 174

2.3 Number of Faculty Positions Recruited (R) and Vacant (V) during the year

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
9	26	5	9	3	5	--	--	17	40

2.4 Number of Guest and Visiting Faculty and Temporary Faculty

Guest	Visiting	Temporary
48	6	1 (DST Inspire), 2(Adjunct Faculty), 1 (Professor of Eminence)

2.5 Faculty participation in conferences and symposia

Number	International level	National level	State level
Attended Seminars/ Workshops	157	294	62
Presented papers	162	266	21
Resource Persons	59	263	58

2.6 Innovative processes adopted by the institution in teaching and learning

1. Teaching

- Academic calendar was prepared and provided to the students at the beginning of the academic period.
- Smart class rooms were used to have interactive and updated sessions on specified topics.
- *Team Based Discussions* were conducted on certain topics.
- Notable aspects of life history of scientist(s) concerned to the topic of discussion were mentioned.

- Fast learners were encouraged to interact with research scholars.
- Supplementary materials from recent research articles were provided.
- Power Point Presentations were used.
- Video aids/documentary films were used.
- Language Labs (English and Tamil) were utilised.
- Guest lectures by eminent scientists and academicians were arranged.
- Field study – Media organizations like AIR, DD, Suriyan FM and News papers (Department of Education Technology) were conducted.
- Online assignments (Department of Women’s Studies) were given.
- Students of Department of Women’s Studies were exposed to multiple areas of knowledge gain by collaborating with NGOs, civil society organizations and discussions on developments in amendments, policies, legislations etc.
- Observation visits to Government and NGO were performed by the Department of Social Work.

2. Learning

- Biological students were asked to make animation of biological concepts.
- Language Lab was used.
- Real time case studies were used by the Department of Commerce and Financial Studies.
- Hands on experiments with sophisticated equipments were done.
- Library hours were included in time table.
- Remedial courses were conducted for slow learners.
- Concurrent field exposure and in-plant training were being organized every year for the P.G. Students of Life-Long Learning.
- Students attended Summer Project/Programmes.
- Video conferencing from onboard ship JOYDES, USA was made.
- E-resource and CDs were used.
- E-learning and E-content development were adopted.
- ICT skills and hands on experience in multimedia were utilised.
- Learning skill was enhanced through meta cognitive skills.
- Producing documentary films by the students of Department of Women’s Studies.
- Field Training by the Department of Social Work.
- Practical Sessions were conducted for Software Installation and Configuration by the Department of Library and Information Science.
- University Central Library has organized a National Seminar on “Accessibility to Learning Resources”, jointly with the Department of Library and Information Science and Srimad Andavan Arts and Science College on 14th December 2012.

2.7 Total number of actual teaching days during this academic year

181 Days

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

- Provision of getting photo copy of answer sheets by the students.
- Re-valuation for requested students.
- Online assessment.
- Publication of results within 30 days.
- Instant Examination for outgoing students with only one arrear.

2.9 Number of faculty members involved in curriculum restructuring/revision/syllabus development as members of Board of Study/Faculty/Curriculum Development workshop

Board of Study	Faculty Development Workshop	Curriculum Development Workshop
191	-----	05

2.10 Average percentage of attendance of students

84%

2.11 Course/Programme wise distribution of pass percentage

Title of the Programme	Total number of students appeared	Division in %				
		Distinction	I	II	III	Pass
M.Sc. Animal Biotechnology	13	77	23	--	--	100
M.Sc. Biochemistry	20	35	65	--	--	100
M.Sc. Biotechnology	47	04	07	38	--	49
M.Sc. Chemistry	11	09	82	09	--	100
M.A. Economics	32	--	69	--	--	69
M.Ed. (Education Technology)	35	03	97	--	--	100
M.A. English	37	03	97	--	--	100
M.Sc. Geology	06	--	100	--	--	100
M.A. Gender Studies	03	--	100	--	--	100
M.A. History	34	--	68	03	--	71
M.A. Human Resource Managt.	23	--	100	--	--	100
M.LIS. Lib. & Inform. Sci.	20	70	30	--	--	100
M.Sc. Marine Biotechnology	13	16	07	77	--	100
M.Sc. Marine Science	11	09	91	--	--	100
M.Sc. Mathematics	38	71	24	03	--	98

M.Sc. Media & Communication	05	--	100	--	--	100
M.Sc. Medical Physics	08	--	100	--	--	100
M.Sc. Microbiology	25	16	84	--	--	100
M.Sc. Physics	22	09	91	--	--	100
M.Sc. Plant Science	13	--	100	--	--	100
M.A. Sociology	02	--	100	--	--	100
M.S.W. (Social Work)	25	32	68	--	--	100
M.A. Tamil	13	38	62	--	--	100
M.P.A. Folk Dance	08	--	100	--	--	100
M.P.A. Classical Dance	04	--	100	--	--	100
M.Tech. Adv. Inform. Tech.	02	50	50	--	--	100
M.Tech. Computer Science & Eng.	37	84	16	--	--	100
M.Tech. Geoinformatics	12	17	83	--	--	100
M.Tech. Geology	05	--	100	--	--	100
M.C.A.	151	13.9	15	63.6		92.5
M.B.A. Hospital Management	13	77	08	--	--	85
M.B.A. Financial Management	33	06	76	15	03	100
M.B.A. Marketing Management	25	04	84	08	04	100
M.B.A. Environ. Management	11	27	73	--	--	100
5 year I.M.Sc. Biomedical Science	10	80	10	--	--	90
5 year I.M.Sc. Geosciences	05	--	100	--	--	100
5 year I.M.Sc. Physics	06	--	100	--	--	100
6 year I.M.Tech. Geotech & Geoinf.	116	10	15	49	--	74
M.Phil. Animal Biotechnology	05	80	20	--	--	100
M.Phil. Biochemistry	10	50	50	--	--	100
M.Phil. Bharathidasan Studies	08	100	--	--	--	100
M.Phil. Chemistry	06	50	50	--	--	100
M.Phil. Computer Science	29	72	28			100
M.Phil. Economics	18	--	72	--	--	72
M.Phil. Education Technology (FT)	13	08	46	46	--	100
M.Phil. Education Technology (PT)	18	17	33	50	--	100
M.Phil. English	17	--	100	--	--	100
M.Phil. Environ. Biotech.	10	--	100	--	--	100
M.Phil. Gender Studies	01	--	100	--	--	100
M.Phil. History	14	36	57	07	--	100
M.Phil. Industrial Biotechnology	01	--	100	--	--	100
M.Phil. Human Resource Managt.	07	--	71	--	--	71
M.Phil. Lib. & Inform. Sci. (FT)	06	--	100	--	--	100
M.Phil. Lib. & Inform. Sci. (PT)	28	--	100	--	--	100
M.Phil. Marine Biotechnology	06	100	--	--	--	100
M.Phil. Marine Science	04	--	100	--	--	100
M.Phil. Mathematics	18	44	56			100

M.Phil. Microbiology	13	100	--	--	--	100
M.Phil. Physical Education	03	--	100	--	--	100
M.Phil. Physics	08	75	25	--	--	100
M.Phil. Sociology	02	--	100	--	--	100
M.Phil. Social Work	13	62	32	--	--	100
M.Phil. Tamil	11	64	36			100
PG Diploma in Environ. Genom.	03	33	67	--	--	100
PG Diploma in Fitness Management	10	--	100	--	--	100
PG Diploma in E-Learning	22	10	90	--	--	100
PG Diploma in Edu. Admin.	13	02	11	--	--	100
PG Dipl. in Lib. & Know. Managmt	06	--	100	--	--	100
PG Diploma in Keyboard (PT)	01	--	100	--	--	100
Diploma in Tappattakalai	01	--	--	--	--	100
Diploma in Veenai (PT)	07	--	--	--	--	100
Diploma in Keyboard (PT)	07	--	--	--	--	100
Diploma in Nagasuram (PT)	05	--	--	--	--	100
Diploma in Melam (PT)	05	--	--	--	--	100
Diploma in Bharathanattiyam (PT)	05	--	--	--	--	100
Diploma in Tamilneri	11	--	--	--	--	100
Diploma in Violin (PT)	06	--	--	--	--	100
Diploma in Tamil Music (PT)	09	--	--	--	--	100
Diploma Programmes (2) for Employed Persons	82	--	--	--	--	100
Short-Term Programmes (7) for Employed Persons	276	--	--	--	--	100
Certificate Programmes (21) for Employed Persons	36806	--	--	--	--	100
Entrepreneurship Development Programmes	2338	--	--	--	--	100

2.12 How does IQAC contribute/monitor/evaluate the teaching & learning processes?

The Chairman of IQAC regularly meet the Heads of the University Departments, Deans of Faculties, Chairs of Schools and Coordinators of specialized Centres to discuss the activities related to the teaching and learning and implementations of them.

At the end of each semester IQAC collects feedback from students on teachers, courses and also on the Programmes at the end of the Programmes. These feedbacks are analysed and the reports are given to the faculty and the Heads of the Departments for improving the quality of teaching, courses and Programmes.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher Courses	33
UGC – Faculty Improvement Programme	05
HRD Programmes	03
Orientation Programmes	18
Faculty Exchange Programme	06
Staff Training Conducted by the University	07
Staff Training Conducted by other Institutions	05
Summer /Winter schools, Workshops, etc.	41
Others (Specify the type)	02

2.14 Details of administrative and technical staff

Category	Number of permanent employees	Number of vacant positions	Number of permanent positions filled during the year	Number of positions filled temporarily
Administrative Staff	424	52	----	-----
Technical Staff	074	23	----	----

Criterion – III

3. Research, Consultancy and Extension

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

For promoting research activities the Bharathidasan University is adopting the following strategies.

- Experts from various fields are invited to deliver lectures that create exposure for students in way of understanding research.
- 50% of overhead charge of major projects is allowed for expenditures related to the execution of the respective projects.
- Faculty are permitted to attend National and International seminars, conferences and workshops with travel fund from UGC unassigned grant.
- Partial financial support is provided for conducting conferences/seminars etc.
- Maintained 24/7 internet facility in all the departments and centres for accessing journals.
- University has instituted research fellowships for the full time research scholars to pursue research.
- Seed money is provided to the young faculty member to initiate research.
- Access to online Tamil Libraries like Tamilvu.org., Madurai Project, Noolaham.org., Digital Library of India is provided.
- PG and M.Phil. completed students are encouraged to apply for Rajiv Gandhi, Moulana Azad, ICSSR, etc. fellowships.
- The Department of Commerce and Financial Studies publishes SMART journal of business management studies.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	37	94	13	07
Outlay in Rs. Lakhs	381.30	1919.38	354.30	125.95

In addition to the above, 7 Departments are supported under UGC-SAP, 2 Departments under DST-FIST and 1 Department under Tamilnadu Grant for Establishing HiTech Labs.

The total outlay of UGC-SAP = 443.5 Lakhs and TNG = 250 Lakhs.

Further, the Univ. is supported under DST-PURSE (from 2011) with the grant of 9 Crores.

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	03	--	1
Outlay in Rs. Lakhs	--	9.9	--	0.7

3.4 Details of research publications

	International	National	Others
Peer Review Journals	532	157	44
Non-Peer Review Journals	15	33	02
e-Journals	09	01	--
Conference Proceedings	98	145	09

3.5 Details on Impact factor of publications:

Range : 0.13 – 15.0
 Average : ---
 h-index : 72 (2012), 72 (2013)
 Nos. in SCOPUS : 364 (2012), 390 (2013)

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

Nature of the Project	Duration Year	Name of the funding Agency	Total Grant in Rs.	
			Sanctioned	Received
Major projects	2002-17	DBT	11,81,000	11,81,000
	2008-14	DST	20,00,000	20,00,000
	2009-12	UGC	04,55,600	04,55,600
	2009-12	DST	06,23,439	06,23,439
	2010-13	UGC	10,40,567	10,40,567
	2010-13	DST	24,62,970	24,62,970
	2010-13	CSIR	02,39,211	02,39,211
	2010-13	BRNS	02,22,641	02,22,641
	2010-13	MoEF	20,23,600	20,23,600
	2010-13	CICT	01,25,000	01,25,000
	2010-14	NRDMS	05,00,000	05,00,000
	2010-14	CSIR	01,90,000	01,90,000
	2011-13	UGC	00,70,000	00,70,000
	2011-13	DST	04,46,000	04,46,000
	2011-13	SAC (Ahmedabad)	03,75,000	03,75,000
	2012-13	UGC Merged Sch.	01,43,308	01,43,308
	2011-14	CSIR	04,00,000	04,00,000
	2011-14	UGC	38,75,600	38,75,600
	2011-14	DBT	07,92,000	07,92,000
	2011-14	ICMR	03,01,000	03,01,000
	2011-14	DST	77,36,530	77,36,530
	2011-15	DST	03,56,000	03,56,000
	2012	DBT	15,07,400	15,07,400
	2012-13	DMRL--CARS	04,50,000	04,50,000
	2012-14	DST	39,02,000	39,02,000
	2012-14	UGC	14,54,700	14,54,700
	2012-14	DAE	02,40,000	02,40,000
2012-14	Direct Control Minis. of Cult.	-----	-----	

	2012-14	ICSSR	05,00,000	05,00,000
	2012-14	ICMR	09,29,420	09,29,420
	2012-15	DST	64,60,000	64,60,000
	2012-15	DST (WOS A)	08,74,000	08,74,000
	2012-15	UGC	54,78,000	54,78,000
	2012-15	CSIR	17,78,000	17,78,000
	2012-15	DBT	28,09,115	28,09,115
	2012-15	DAE-BRNS	15,79,000	15,79,000
	2012-15	ICMR	1,88,310	1,88,310
	2012-17	BRNS/AMD	1,72,62,000	1,72,62,000
	2012-17	NRSC (Hyderabad)	4,00,000	4,00,000
Minor Projects	2012-13	--	-----	-----
Interdisciplinary Projects	--	--	-----	-----
Industry sponsored	2010-13	DUPONT USA	84,000	84,000
Projects sponsored by the University/ College	--	--	-----	-----
Students research projects (other than compulsory by the University)	2012-13	TNSCST	00,21,000	00,21,000
UGC-SAP(BT Gen.Eng.)	2011-16	UGC	-----	-----
UGC-SAP (Chemistry)	2013-18	UGC	-----	-----
UGC-SAP(CRS)	2012-17	UGC	37,80,000	37,80,000
UGC-SAP(Edu.Tech)	2008-13	UGC	-----	-----
UGC-SAP (Geography)	2009-14	UGC	4,00,000	4,00,000
UGC-SAP(Physics)	2012-17	UGC	3,30,000	3,30,000
UGC-SAP(Plant Science)	2011-16	UGC	3,86,700	3,86,700
DST-FIST(Biochemistry)	2012-15	DST	-----	-----
DST-FIST(Chemistry)	2012-17	DST	2,02,50,000	2,02,50,000
Tamilnadu Grant for Establishing HiTech Labs (CRS)	2012-17	TNG	-----	-----
Total in Rs.			9,67,23,111	9,67,23,111
Total in Lakhs			967	967

3.7 Number of books published

- i) With ISBN Number : 41 ii) Without ISBN Number : 10
iii) Chapters in Edited Books : 67 iv) Edited Books : 4

3.8 Number of University Departments receiving funds from

UGC-SAP : 7 CAS : 0 DST-FIST : 3
DPE : -- DBT Scheme/funds : --

3.9 For colleges -- Not Applicable

Autonomy : CPE : DBT Star Scheme :
INSPIRE : CE : Any Other (specify) :

3.10 Revenue generated through consultancy

Rs. 2,71,341/-

The Publication Division has sold its publications (books) totalling to the amount of Rs.7,47,522/-.

3.11 Number of Conferences/Seminars/Workshops etc. organized by the Institution

Level	International	National	State	University	College
Number	04	45	16	18	06
Sponsoring agencies	ICABP, BDU, DHE, Srimathi Indira Gandhi College, Srimath Andavar College	UGC, CSIR, DRDO, DST, DBT, BDU, NBHM, TNSCST, ICSSR, CPAEF ¹ , MHEF ² , BDE ³ , CICT ⁴ , DST-MoES, ICHR, PMTCEL ⁵ , DZF ⁶ , SBC, Sakithya Academy	GE Health Care Ltd. Bangalore, BDU, UGC, MSME, TNSCST, DCOTN ^a	UGC, BDU, Microsoft Corporation	BDU

CPAEF¹ -- C.Pa. Adithanar Endowment Fund

MHEF² -- Marhum Haji Endowment Fund

BDE³ -- Bharathidasan Endowment (Government of Tamilnadu)

CICT⁴ -- Central Institute of Classical Tamil

PMTCEL⁵ -- Pasumpon Muthuramalinga Thevar Centenary Endowment Lecture

DZF⁶ -- Doerenkamp-Zbinden Foundation, Switzerland

DCOTN^a -- Directorate of Census Operations of Tamilnadu

3.12 Number of faculty served as experts, chair persons or resource persons

3.13 Number of collaborators with whom research publications made during this year

International : 63 National : 104 Any other : 02

3.14 Number of linkages created during this year

28

3.15 Total budget for research for current year in lakhs

From Funding agency	967
From Management of University	152
Total	1119

3.16 Number of patents received this year

Type of Patent		Number
National	Applied	04
	Granted	01
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 Number of research awards/recognitions received by faculty and research fellows of the institute in the year

Faculty

Total	International	National	State	University	District	College
12	1	8	3	--	--	--

Research Fellows

Total	International	National	State	University	Dist	College
15	2	8	5	--	--	--

3.18 Number of faculty from the Institution who are Ph. D. Guides -- 174
and students registered under them -- 201

3.19 Number of Ph.D. awarded by faculty from the Institution -- 80

3.20 Number of research scholars receiving the fellowships (newly enrolled + existing ones)

JRF : 140 SRF : 29 Project Fellows : 16 Any other : 6

3.21 Number of students participated in NSS events:

University level : -- State level : --
National level : -- International level : --

3.22 Number of students participated in NCC events:

University level : 53	State level : 10
National level : 8	International level : --

3.23 Number of awards won in NSS:

University level : ---	State level : ---
National level : ---	International level : ---

3.24 Number of awards won in NCC:

University level : 1	State level : --
National level : --	International level : --

3.25 Number of extension activities organized

University forum : 15	College forum : 7	
NCC : 3	NSS : --	Any other : 3

3.26 Major activities during the year in the sphere of extension activities and institutional social responsibility

Business Development Centre

- Basic Haematology, Biochemistry, Microbiology and Serology tests such as Blood Grouping & RH Typing ,TC, DC, ESR , Haemoglobin, Sugar (Random), Anti HIV1 and HIV 2 etc., were undertaken by the Biomedical Diagnostic Laboratory from 01-07-2012 to 30-06-2013 for 167 cases.
- It has admitted/enrolled a total number of 719 students in collaboration with 10 specialized Institutes/Agencies/Colleges/Hospitals and offered 16 Certificate, 3 Diploma and 3 Postgraduate Diploma Programmes through off-campus mode.

Centre for Bharathidasan Studies

- Poetry, Essay, Singing and Oratorical competitions were conducted and Prizes were awarded to the participants who secured first and second places for the students of the University Departments, affiliated colleges and University office staff.
- Paavendhar Bharathidasan Endowment, Marhoom Haaji Maayin Abubacker Endowment and Si.Pa Adithanar Endowment Lectures were conducted.
- 'Ilakia Aaivu Vattam' was conducted on first Wednesday of every month.

Centre for Cultural Activities

- BDU FEST 2012 – The Inter Collegiate Cultural Convergence was organized at the University from 12-14, October 2012. A total number of 1110 students from 42 colleges participated in the event.

Centre for Remote Sensing

- Conducted training programmes for PWD Engineers, Officers of Irrigation Management Training Institute (IMTI), Tiruchirappalli on Watershed management, Remote Sensing and GIS, Surface water budgeting etc. Faculty members provided expert lectures on GIS, Remote Sensing for Sustainable Development and Natural Resources Management.
- Created a Flood Hazard Zonation map for Tiruchirappalli corporation area under the financial support of Tiruchirappalli Collectorate.

Centre for Study of Social Exclusion and Inclusive Policy

- Focused Group Discussion was held with the women hailing from Islam and living in Kaja Nagar, Tiruchirappalli on various legislative provisions.
- A programme on *Social Exclusion and Transgender* was organized by the Centre on 10th October 2012. In this function, the need for integrating transgender in the social mainstream by providing them educational and employment opportunities was emphasized.

Centre for University Industrial Collaboration

S. No	Name of Seminar/Conference/Workshop	Date/ Period	Place
1.	Placement Training for Students selected by Tata Consultancy Services	30 July to 17 August 2012	Academic Staff College, BDU
2.	One day Orientation Programme for College Placement Officers	23 November 2012	BUTP Auditorium, BDU
3.	Campus Interview (Tata Consultancy Services, BPO, Chennai)	14 & 15 Dec. 2012	Shrimathi Indira Gandhi College, Tiruchirappalli
4.	Mega Job Fair	2 nd February 2013	Shrimathi Indira Gandhi College, Tiruchirappalli

Centre for Youth Development and Studies

- Free coaching for UGC-JRF/NET examinations for first paper was held on 15, 16, 22 and 23 December 2012 and April 13, 14, 20, 21, 27 & 28 and May 4, 5, 11, 12 and 21, 2013.
- 8th International Congress on Climate Change – Territorial Classification & Socio-Economic Crisis was jointly organized by Centre for Remote Sensing, during April 23—27, 2013.
- Free coaching for entry into services was conducted during 5--14 June, 2013.

- Free coaching programme on soft skills and communication skills was held on May 18, 19, 25 and 26 and June 1, 2, 8, 9, 15 and 16, 2013.

NCC

- Traffic Awareness Programme was organized with Trichy City Police to insist the importance of wearing helmet.

Department of Animal Science

- Conducted the Institutional Animal Ethics Committee meeting for approval of experimental animals for research purpose for University Departments and affiliated colleges.
- Conducted an extension activity for the benefit of cattle farmers.

Department of Commerce and Financial Studies

- Conducted a Mega campus drive on 02.02.2013 in association with Elyon International HR Services.

Department of Environmental Management

- Conducted Village Adoption Programme (Sooriyur Village for afforestation programme), Anti Tobacco Awareness program and Save Ozone Awareness rally.

Department of Geography

- Geographical Exhibition has been organised for the benefit of students and teachers of Sri Sivananda Balaya School, Tiruchirappalli.

Department of History

- Offered a Research Methodology course as an elective course for the students of affiliated autonomous colleges of Bharathidasan University.

Department of Marine Science

- Arrangement was made for M/S. CP Aquaculture (India) Pvt.Ltd, Chennai to held a campus interview on 22.05.2013 (2 students were recruited).

Department of Plant Science

- Research scholars and students of this Department participated in the Tiger Census Programme conducted by the Tamilnadu Forest Department in the KMTR.
- A faculty of this Department, as a member of Tamilnadu Biodiversity Board, has trained Forest Officers of South India to identify variety of medicinal plants.

Department of Social Work

- The Department of Social Work has executed several extension and awareness programmes including self-employment for blind people, health for visually challenged women and tribal women, behavior problem among adolescence, nature cure healthy living, women rights, management of stress and anxiety, diabetics and hypertension, issues and concerns of old age and detection of low vision among children.

S.No	Date	Topic	Place / Venue	Organizer
01	31.10.12	Old Age Health	St.Antony's Home for Old Age, Kattur, Trichy	Dr.P.Ilango
02	31.10.12	Old Age and Maturity	Stanton's Home For Old Age, Kattur, Trichy	Dr.P.Ilango
03	01.11.12	Awareness programme on the prevention of dengue fever.	Nadarsa Pallivasal Slum, Trichy	Dr.D.Nirmala

Department of Women Studies

- Marketing support by introducing self -help women stalls at the University campuses.
- Conducted capacity building and training programmes for women entrepreneurs.
- Organized menstrual hygiene management awareness and training programmes.
- Conducted an entrepreneurial programme to self-help women and rural women.
- Regular gender sensitization for the students in colleges and gender workshop for gender clubs volunteers were held.

Mahatma Gandhi—Doerenkamp Centre (MGDC) for Alternatives to Use of Animals in Life-Science Education

- The Centre organized workshops on in vitro toxicology.

Institute for Entrepreneurship and Career Development (IECD)

- IECD has organised an entrepreneurship development programme. This programme identified the persons with entrepreneurial quality, motivated them and trained them through structured training programme so as to enable them to set up their tiny and small scale industrial ventures with the assistance available from different agencies.
- IECD conducted an entrepreneurship development programmes for the college students of affiliated colleges of Bharathidasan University. Totally 2000 students were trained during this report period. Specialized programmes like Photo Copier Technician offered on free of cost for the differently abled persons. IECD enlightened the minds of differently abled persons in terms of enriching their knowledge on the programme and 14 were benefitted and 47 Lawyers were benefitted in Office Automation with Internet.

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	460.90 acre	--	--	460.90 acre
Class rooms	100	--	--	100
Laboratories	131	01	University	132
Seminar Halls	29	--	--	29
Number of important equipments purchased (\geq 1-0 lakh) during the current year.	--	55*	UGC-BSR, DST-PURSE	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	255.21	UGC-BSR, DST-PURSE Sports fee fund, Doeren-kamp – Zbinden foundation, Switzerland, DBT, DST	255.21
Others	--	--	--	--

* Includes 50 access points, firewall, Internet facility, confocal laser scanning microscope.

4.2 Computerization of administration and library

Administration

- All the circulars were communicated by the University offices to the Departments through e-mail. Reply documents by the faculty and by the Departments are sent through e-mail.
- In some Departments the books available in the Departments' library were computerized.
- Details of applicants applied for admission to various Programmes were computerised.
- All examinations related documents were computerised.

Central Library

The Central Library has the following computerized facilities.

- Automated with NIRMALS Software
- Online Public Access Catalogue
- Online Union Catalogue
- Institutional Repository
- Gate Register
- Integration of E-Books Metadata
- Bar-coded Photo id Membership

4.3 Library services

	Existing		Newly added		Total	
	Number	Value	Number	Value in Rs	Number	Value in Rs
In the Depts/Centres Text/Ref. Books	66,133	-----	3,053	17,86,898	69,186	-----
In the Central Lib. Text/Ref. Books	74,784	-----	425	3,47,660	75,209	-----
e-Books	-----	-----	-----	-----	-----	-----
Journals	183	-----	-----	-----	183	-----
e-Journals	8000+	UGC Infonet	-----	-----	-----	-----
Digital Database	19	12,47,302	-----	-----	-----	12,47,302
In the Depts/Centres CD & Video	250	-----	20	-----	270	-----
In the Central Lib. CD & Video	700	-----	-----	-----	700	-----
Others (specify)	-----	-----	-----	-----	-----	-----

4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1028	23	Yes*	*	2	12	36	#28
Added	69	--	--	--	--	--	--	--
Total	1097	23	--	--	2	12	36	

* Internet connectivity (including WiFi) is provided to all the departments/Centres/Offices of the university. Students, research scholars, faculty can access the internet facility (WiFi) within the campus after registering at the Informatics Centre.

Includes: 1 Multimedia Lab + 24 Centres + 3 Skill Based Education Services.

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

- Internet facility through wired and wireless was provided to newly constructed buildings.
- Teachers were trained to teach through the ICT equipments available in the Informatics Centre.
- E-learning was facilitated by knowledge packaging through digital forms.
- Hands-on training provided to the M.Ed. and M.Phil. (Ed) students on information and communication technology skills and accessing e-resources.
- Training provided to the students and research scholars of the Department of Education Technology on e-content development.
- Students of the Centre for Remote Sensing participated in the EDUSAT based online training programmes in Basic/Advanced courses in Remote Sensing/GIS conducted by the Indian Institute of Remote Sensing (IIRS), Dehradun.
- The Centre for Remote Sensing conducted training programmes for students/faculty members on technology upgradation in the areas of GIS/Image processing.
- E-mail ids with the University internet address are provided to research scholars also.

4.6 Amount spent on maintenance in lakhs:

i) ICT	1.01
ii) Campus Infrastructure and facilities	451.84
iii) Equipments	10.00
iv) Others	1.04
Total :	463.89

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Academic Counsellors were appointed for each Programme by the respective Departments.
- Details of various scholarships were informed through department notice board.
- Students were educated to apply for summer research fellowships available under different streams.
- Research fellowship and travel grant information for the students to participate in national and international events were communicated.
- Freshers' day orientation programme gave awareness about the curriculum, syllabus co-curricular and extension activities.
- Rank certificates were provided by the University to top students to enable them to get research fellowships and find suitable jobs.
- Preparatory training for competitive examinations was conducted by the Department of Education Technology.

5.2 Efforts made by the institution for tracking the progression

Progression and tracking of the students are monitored by the Departments. To ensure efficient tracking progression of students the University follows certain strategies and executes the following. Academic and Administrative Audit is conducted once in three years by a committee.

- Number of tests are conducted in each semester.
- Assignments are given to the students.
- Students are asked to present a seminar in each course pertinent to the syllabus in each semester.
- Remedial classes are taken for the slow learners.
- Group mail interaction with the Alumni is followed by the Department of Education Technology.
- PG students are encouraged to apply for summer fellowships and internships and encouraged to enter into a research career.

5.3 (a) Total number of students

UG	PG/PG Diploma	M.Phil.	Ph.D.	Others	Total
---	1548	274	631	68	2521

(b) Number of students from outside the state --- 45

(c) Number of international students --- 04

(d) Total number of students

Gender	Number	Percentage (%)
Male	1195	47.4
Female	1326	52.6

Last Year					
General	SC	ST	OBC	Physically Challenged	Total
131	463	27	1380	04	2005

This Year					
General	SC	ST	OBC	Physically Challenged	Total
214	533	31	1725	18	2521

Demand Ratio : 1 : 2.1 Dropout % : 0%

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

- Departments of Chemistry, Biochemistry, Education Technology and Social Work conducted coaching classes/guidance for their students preparing for NET/GATE Examination.
- Department of Education Technology conducted free coaching classes for its students preparing for civil service examination.
- Department of History conducted coaching classes for its students for UPSC and NET Examinations.

Number of students beneficiaries : 135

5.5 Number of students qualified in these examinations

NET : 32 SET/SLET : 17 GATE : 8 CAT: ---
IAS/IPS etc : --- State PSC : 2 UPSC : --- Others : 8

5.6 Details of student counselling and career guidance

- Department of Commerce and Financial Studies has regular counselling to the students and career guidance through soft skill workshop for every semester.
- Departments have counselling hours in regular time-table.
- The Department of Life-Long Learning offers a separate course in M.A. HRM on counselling and guidance.
- In the Departments, faculty advisors counsel the needy students and based on the interest of the students, they guide them in choosing the non-major elective courses, preparation for planning for higher studies etc.

Number of students benefitted : Most of the students of PG, M.Phil. and Ph.D. are benefitted either directly or indirectly.

5.7 Details of campus placement

- M/S. CP Aquaculture (India) Pvt.Ltd, Chennai-held campus interview and recruited 2 students on 22.05.2013.

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	2	2	20

5.8 Details of gender sensitization programmes

The University has a Department of Women's Studies and it conducts gender sensitization programmes to students, staff, rural women, SHG women, unemployed youth, school children, college staff, women in public life and adolescence youth. Its activities are also centered about promotion of gender equality over all spheres of life.

- A meeting on violence against women/women empowerment/women and child rights, 2013 was organized by the Department of Women's Studies.
- Students were guided in the gender related issues during the counselling hours.

5.9 Students Activities

5.9.1 Number of students participated in Sports, Games and other events

State/Univ level -- 22 National level -- 18 International level -- 15

Number of students participated in cultural events

State/Univ level -- 101 National level -- -- International level -- 03

5.9.2 Number of medals /awards won by students in Sports, Games and other events

Sports:

State/Univ level -- 06 National level -- 01 Inter. level -- 00

Cultural:

State/Univ level -- 07 National level -- 08 Inter. Level -- 02

5.10 Scholarships and Financial Support

	Number of students	Amount in Lakhs
Financial support from institution University Research Fellowship	35	12.55
Financial support from government (funding agencies) Fellowships	156	251.34
Financial support from government Scholarships	1577	112.58
Financial support from other sources	2	0.06
Number of students who received International/ National recognitions	3	0.86

5.11 Student organised / initiatives

Fairs: State/Univ. level -- 01 National level -- 0 Intern. Level -- 1

Exhibition: State/Univ. level -- 02 National level -- 0 Intern. Level -- 0

5.12 Number of social initiatives undertaken by the students : 30

5.13 Major grievances of students (if any) redressed:

The University has a Student Counselling and Grievance Redressal Cell. It has a formal mechanism for solving the grievances of students.

- Central Library has conducted demonstration of e-resources.
- Customized information literacy programme was held by Central Library.
- Based on the requirement of students the Department of Geography introduced a course on NET Programming.
- Wi-Fi facility has been extended to the hostels.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

With the ultimate aim of creating a brave new world, Bharathidasan University ensures the pursuit of excellence in teaching, learning, research, and extension of knowledge through higher education.

Mission

The mission of Bharathidasan University is to promote scholarly, scientific and critical inquiry among the learners to move forward in the frontiers of knowledge and enrich and elevate them as the citizens of the state, the nation, and the world by offering nationally and internationally competitive learning and creative activity through quality programmes of teaching, research, and extension.

6.2 Does the Institution has a management Information System

A salient feature of the University management is that, there is a practice of constituting several sub-committees and other non-statutory bodies to discuss the issues and their complexities in depth and recommend decisions to the relevant authorities. University has various administrative, academic and research committees for its smooth functioning and better outreach of day to day activities to faculty, students and staffs. Administrative officers and the faculty of the University are appointed as the members of such committees. Some of the important committees are Syndicate Subcommittee, Finance Committee, Planning Board, Standing Committee of Academic Affairs, Research Committee, Academic Structure Committee, Appointment Committee, Applications Scrutinizing Committee, Fee Revision Committee, Project Monitoring and Evaluation Committee, Technical Information and Liaison Committee, Prospectus Revision Committee, Examination Reforms Committee, Purchase Committee, Library Advisory Committee, Internal Quality Assurance Cell, Students Counselling and Grievance Redressal Cell, UGC – Academic Staff College (Human Resource Development Centre), Centre for University Industry Collaboration, Placement and Training Cell, Institute of Entrepreneurship & Career Development, Informatics Centre, Intellectual Property Right Cell, Cultural Wing, Grievance and Anti-Ragging Cell, Anti-Sexual Harassment Cell and Secretary for Bharathidasan University Inter-Collegiate Sports and Tournaments.

Whenever necessary Committees like Discipline Committee, Campus Development Committee, Monitoring Committees, Canteen Committee, Building Committee, Advisory Committee for specialized Teaching and Man Power Assessment Committee with University faculty are constituted to look into related issues and matters.

In each Department various academic and administrative works are distributed to faculty by appointed coordinators/incharges. Students can download Bonafide Certificate, Bank Loan Certificate, No dues Certificate.

The Publication division of the University publishes the quarterly news letter (BARD NEWS) of the University.

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

6.3.1 Curriculum Development

Bharathidasan University has established a Council for College & Curriculum Development and it plays a key-role in establishing and updating a systematic processes in designing and regularly revising the curriculum in the University Departments and affiliated colleges.

- Autonomy is given to all the Departments in designing and updating the structure of the Programmes and syllabi of the courses based on the international and national levels and social needs.
- Feedback from outgoing students, Alumni and other stakeholders is one of the key mechanisms for curricular reform.
- The guidelines given by state government and UGC are followed for quality improvement in the curriculum.
- With the financial assistance of state government the University has setup a World Class Curriculum Development Cell to design a curriculum of world class standard on selected subjects.

6.3.2 Teaching and Learning

The teaching-learning process is strengthened through periodical seminars, field visits, intensive laboratory courses and compulsory project work for all the PG programmes. Bharathidasan University has the following strategies for effective teaching and learning.

- For newly recruited faculty, in the level of Assistant Professor, Faculty Development Programmes are conducted.
- The faculty members submit the annual self-appraisal about their teaching, research and extension activities.
- Library and Language Labs are used to ensure the quality in teaching and learning.
- ICT methods are utilized for teaching.
- Departments have weekly seminar hour every week.
- SMART Class Room Facility is available in the Departments.
- Faculty update their quality of teaching and teaching strategies by referring related journals and articles appearing in magazines.
- Reports on the feedback obtained from students on faculty and courses are informed to the faculty for quality improvement on teaching methodology.
- Students centered learning strategy is monitored through tutorials, assignments and individual seminars, laboratory works and project work.
- In the Science Departments in Laboratories facilities are updated and improved regularly so that each student perform experiments individually.
- Best Library User Award is provided by the Central Library.
- Department of Geography has established a Satellite Interactive Terminal (SIT) to conduct IIRS –ISRO EDUSAT Outreach Programmes.

- A one-day workshop on *ICT, Innovative Teaching Skills and Research and Development in Higher Education* was jointly organized by the Curriculum Development Cell and the Academic Staff College of the University on 28-03-2013 for the Principals of affiliated colleges of the University.

6.3.3 Examination and Evaluation

- Evaluation process is designed and approved by Board of Studies and Standing Committee on Academic Affairs.
- Question papers setting by outside experts.
- Question papers are scrutinized by the respective course teacher.
- In the Science Departments practical examinations are conducted before the examinations on theory courses.
- Single and external evaluation process.
- Passing Board to approve the results of the examinations.
- Revaluation and re-totalling for demanding students.
- Instant Examination for outgoing students with only one arrear.

6.3.4 Research and Development

The Bharathidasan University takes extreme care for enhancing quality of research and teaching. The following strategies are implemented for this purpose.

- Academic and Administrative Audit is conducted once in three years.
- New project proposals are screened by a coordinator appointed by the University.
- Seed money is provided to for newly recruited faculty for preparing new research proposals.
- Incentive is given to faculty with major projects with total budget above an amount.
- University provides fellowships to number of research students.
- Financial support is provided to faculty for presenting their research report in scientific meetings within India.
- Workshops are periodically conducted to develop the research report writing skill and update the research methodologies.
- The Departments/Centres conduct weekly research seminar.
- Department Research Committee meets periodically to make recommendations on the applications received for Ph.D. registration based on the performance of the applicants on entrance examination and oral interview.
- Doctoral Committee suggests course works for the research scholars and assess their progress of research periodically.
- The University has a Publication Division through which printing, publishing and selling of publications of faculty members are carried out.
- SMART journal awards and an award for the best user of library are presented.

- Students are encouraged to apply for summer schools/projects offered by other institutions.
- Research scholars are periodically sent to attend training programmes in research methods (thesis writing, modelling).
- Ten days Research Methodology course on Social Sciences for Ph. D scholars was organized by the Centre for Study of Social Exclusion and Inclusive Policy during 18--27 April, 2013.
- A computer and a printer are provided to newly recruited faculty.
- University library has Anti-Plagiarism software.

6.3.5 Library, ICT and Physical Infrastructure/Instrumentation

- The University has a Central Library. In addition, all the Departments/Centres have Library with international edition books. The books are issued to students and faculty. Journals can be accessed by the students and faculty within the campus through internet/WiFi.
- Central Library has separate thesis section.
- Bharathidasan University's Digital Knowledge Repository provides comprehensive access to scholarly digital content (Journals, e-books, articles, Electronic Theses and Dissertations (ETDs), video & audio resources) to the students, faculty and staffs.
- Literature search facilities available and group mail alerts are performed by Central Library.
- The library has INFLIBNET and DELNET facilities. The UGC infonet facility helps to access more than 8,000 e-resources including thousands of e-journals.
- New vehicle parking sheds are setup wherever necessary.
- Fume cupboards in research laboratories.
- The maintenance of all the physical facilities are maintained by the Estate Maintenance Department of the University.
- The Informatics Centre of this University maintains the computer networking, internet, website, all the servers, database and the digital library, etc. Internet connectivity has been provided to the entire campus of the University through Campus-Wide Network (Optical Fiber Backbone).
- There is a Central Workshop with a machine shop and glass blowing section.
- The University has a Health Centre with a part time doctor and full-time nurses, first-aid medicine, IRR lamp, electrocardiogram and other basic equipments.
- The faculty are trained by the Informatics Centre to use the Interactive White Board (with latest technology) to handle the classes and also to make use the internet facility in the same white board to give citations/demo from the various websites/repositories.
- State of the art of computing facilities, GIS, Remote Sensing, GPS (Software and Hardware).

- Leptospiral Repository at the Medical Microbiology Laboratory.
- Maintenance of medicinal plants at the Microbiology garden.
- Mushroom cultivation facility to train up the students and farmers.

6.3.6 Human Resource Management

- Faculty who have joined without Ph.D. degree are encouraged to complete Ph.D. at the earliest.
- Assistant Professors are encouraged to attend Orientation Programmes and Refresher Courses organized by the Academic Staff Colleges.
- Based on the guidelines of UGC promotion of faculty under Career Advancement Scheme (CAS) is implemented. Performance Based Appraisal System (PBAS) is followed for various stages of promotion.
- Coordinators are appointed for admission, examination, library, computer lab and counselling.
- Self-appraisal report of faculty is annually submitted to the University.
- Faculty needs and requirements are obtained in the Department faculty meeting and implemented.

6.3.7 Faculty and Staff recruitment

Recruitment of faculty is done following the guidelines of UGC and state government. Recruitment is merit based through a Selection Committee and approved by the Syndicate. Nonteaching staff recruitment is made through a Selection Committee and approved by the Syndicate.

6.3.8 Industry Interaction/Collaboration

The University has a Centre for University Industry Collaboration.

- Department of Chemistry and E.I Du Pont Company, USA have collaboration for testing and evaluation of properties useful for agricultural and Horticultural crop protection agents. (Consultant: Dr. S. Muthusamy).
- Workshop on Open Source Geospatial Technologies has been organised by the Department of Geography under the aegis of GeoICON Pte. Ltd., Singapore on September 18, 2012.
- Department of History has collaboration with the Tamilnadu Archives and Historical Research in digitizing important historical documents (Digital Documentation).
- University has signed MoU with GVN Cancer Hospital, Tiruchirapalli to offer two year M.Sc. Medical Physics Programme.
- Industrialists and officials from Industries are included as members of Board of Studies of each subject and in IQAC.
- MoU has been signed by the Centre for Remote Sensing with NRSC, Hyderabad (Rajiv Gandhi National Drinking Water Mission) for preparing Groundwater Prospects Maps in parts of Southern Maharashtra, Goa, Andaman and Nicobar Islands and Rajasthan.

6.3.9 Admission of Students

University follows a transparent admission system for all teaching programmes, Ph.D., selection of JRF/SRF for various government agency funded projects and University Research Fellowships. For admission to various study programmes, advertisements are issued in leading dailies and in the University Website regarding the programmes of study offered in the various Departments. The university also publishes its prospectus annually. The Departments also bring out their own brochures. A committee used to visit all the constituent colleges of the university to brief the various programmes offered, features of the Programmes and the infrastructure and research facilities available in the Departments/Centres. Merit list of admission is displayed within a day in the Departments Notice Board.

6.4 Welfare schemes for teaching faculty, nonteaching staff and students

The University has the following welfare schemes for teaching and nonteaching staffs:

1. Accident insurance benefit.
2. Subsidy on house loan.
3. Vehicle advance.
4. Festival advance.
5. Advance for purchase of a computer.
6. Mediclaim.
7. Fee concession for the children of staff, etc.
8. Fee concession for staff doing programmes in the university distance education mode.
9. Loan from provident fund.
10. Bus facility.

Welfare schemes for students and research scholars:

1. Group Insurance.
2. University van facility from city to University.
3. Hostel facility.
4. Sports and cultural facilities.
5. Limited number of University research fellowships.

6.5 Total corpus fund generated

Rs. 743 lakhs.

6.6 Whether annual financial audit has been done

Yes.

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	No	--
Administrative	No	--	Yes	LF Audit

University conducts Academic and Administrative Audit once in three years. A committee with external experts conduct the audit. The Audit is arranged by IQAC.

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

For UG Programmes : Yes

For PG Programmes : Yes

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

University has an extreme concern in ensuring the quality on examination related activities and confidentiality on the various aspects of examination.

- Exclusive coordinator for examinations.
- Dates of internal tests and semester examinations are prefixed at the beginning of each semester and conducted by the respective Departments.
- The valuation of the semester examination is conducted by the respective Departments which leads to the announcement of results at the earliest.
- Visually challenged students are helped with scribes in Examination (Department of History).
- Students have provision for revaluation, re-totalling and claim xerox copy of the entire answer script.
- Supplementary examination is conducted for students having only one arrear course in the last semester.

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

- University conducts meetings with the Principals of affiliated, autonomous and constituent colleges. In these meetings honourable Vice-Chancellor of the University encourages the colleges to plan for making their colleges autonomous.
- University faculty are appointed as representative members of Academic Council of affiliated colleges. They provide guidance and encouragement for the colleges to become autonomous.
- Faculty/Principals/Deans of affiliated colleges/constituent colleges are members of Standing Committee on Academic Affairs, Senate of the University, Research Committee, etc. wherein they address concerns and relevant issues related to their institutions.

6.11 Activities and support from the Alumni Association

- Alumni students (PG students & research scholars) from all the Departments met the members of the NAAC Peer Team (04th Sep, 2012).

6.12 Activities and support from the Parent – Teacher Association

- Parent – Alumni Meeting is conducted on August 24, 2012 to get feedback from the stakeholders and to discuss about the future developmental activities of the Department of Geography.
- Feedback forms from students and parents are attended to and their grievances resolved.

6.13 Development programmes for support staff

- The salary of Guest Lecturers and other temporary staff is revised regularly.
- A Thrift Society is functioning in the University.
- University has a Health Centre.

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

- 'My Earth, My Duty' an awareness Programme on Global Warming is conducted.
- Tree plantation is done through out the year by NSS and Estate Maintenance Department.

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 University underwent second NAAC accreditation and secured A Grade with CGPA point 3.16.
- A World Class Curriculum Development Cell was established.

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

- A separate dynamic website for the library has been designed and launched to provide enhanced remote access to a range of e-resources for the users. New services such as Documentation Delivery, Federal search Consultancy on library automation, Digital Library Services and Citation Profiles were provided. Digital Talking Library and library facility for differently abled persons were made.
- An agreement between the WISH forum of Bharathidasan University and BHEL (Bharat Heavy Electricals Limited), Tiruchirapalli was signed on 11-03-2013 for the provision of Sanitary Napkins incinerators under the Corporate Social Responsibility of the BHEL.
- Wi-Fi facility has been extended to Hostels under the financial grant of DST-PURSE.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

BEST PRACTICE - I

1. Title of the Practice

Promotion of Research

2. Objectives of the Practice

The prime objectives of the practice *Promotion of Research* are the following:

- Realizing a high quality research environment.
- Undertaking challenging research proposals.
- Acquiring special grants/status from funding agencies.
- Enhancing joint and collaborative research with nationally and internationally reputed institutions and industries.
- Maintaining and enhancing the online resources for research.
- Filing and receiving the award of patents.

3. The Context

Research is indeed civilization and determines the economic, social, political, industrial and technological developments of a nation. Only through research inventions can be made. Research is essential for identifying implementable solutions and suggestions for new problems, events and phenomena occurring in our every day life. To execute any kind of research not only talented manpower is necessary but also necessary infrastructures, relevant technologies and sufficient financial support are mandatory.

For the development of research activities in Universities approved ongoing research proposals are crucial for creating infrastructures and acquiring man-power for research because of limited annual financial support from central/state governments for research. To realized an outcome of a research beneficial to the society it is necessary to focus on very narrow fields and also to develop interdisciplinary and industry sponsored projects. All the Departments and specialized Centres should be sure of executing high quality and greater quanta of research activities. The faculty and students should aware of various kinds of supports available from the funding agencies. Keeping these in mind, the Bharathidasan University is adopting several strategies and following certain practices in order to strengthen the research culture among the various disciplines, faculty and students and also to maintain a high quality research so that the University is well known in the national and international scenario.

4. The Practice

Bharathidasan University follows certain practices in order to encourage research activities in multi direction, satisfactory research atmosphere, motivate the PG students enter into the research career and execute collaborative research with top level institutions.

Seed money is provided to the young faculty to prepare research proposals. In each major project part of overhead charge is sanctioned for expenditures related to the execution of the project. There is a provision of inviting experts from other institutions including from abroad for a short visit. Travel grant is provided to faculty to attend National and International Seminars, Conferences and Workshops and also for presentation of proposal under DST-FIST, UGC-SAP etc. Incentive is given to faculty operated major projects with total budget above an amount.

To strengthen the man power for research University has instituted number of research fellowships. Internet facility including WI-FI is available in the entire campus all the time. PG and M.Phil. completed students are encouraged to apply for Rajiv Gandhi, Moulana Azad, ICSSR, etc. fellowships. Workshops are periodically conducted for research scholars to develop their research report writing skill and update the research methodologies.

The Central Library has setup INFLIBNET, INFONET and DELNET facilities through which large number of e-resources including journals can be accessed. The Digital Knowledge Repository of the University has been established for the purpose of comprehensive access to scholarly digital contents (journals, e-books, articles, electronic theses and dissertations, video & audio resources) to the students, faculty and staffs.

Academic and Administrative Audit is conducted once in three years.

5. Evidence of Success

As a result of the above mentioned practices concerned with the promotion of research the Bharathidasan University has excelled in quality research outcome and able to receive a high amount of financial support from various funding agencies. Some of the notable achievements are enumerated below.

- ❖ Science Departments are supported by DST-PURSE grant.
- ❖ Number of DST-FIST sponsored Departments – 2.
- ❖ Number of UGC-SAP sponsored Departments – 7.
- ❖ Number of ongoing major projects – 97.
- ❖ Total number of publications in peer reviewed international/national level journals -- 689
- ❖ H-index of the University – 72
- ❖ Number of publications with foreigner – 169
- ❖ 4 patents applied; one patent granted.
- ❖ Number of visitors from abroad – 39
- ❖ Number of Ph.D. awards -- 80

6. Problems Encountered and Resources Required

The necessity of increasing the number of faculty regularly in distinct research fields is felt. This may partially meet the expectation of diversified students and help them to choose appropriate fields for research. Appointment of nonteaching staff to carry out exclusively the secretarial works related to major projects and special schemes of funding agencies is seriously felt. Absence of complete autonomy on the operation of major projects leads to certain inconveniences to the faculty. Complete autonomy with appropriate monitoring strategies would make a better research environment.

Lack of well qualified laboratory assistants and trained technicians for operating sophisticated and costly equipments is a major concern. Further, all the computers in the campus have to be entered into annual maintenance. The Central Instrument Facility Centre need to function effectively with sufficient manpower to take care of maintenance and operation of sophisticated equipments thereby resulting in generation of fund through consultancy.

There are number of research scholars without fellowship either throughout or partial duration of their Ph.D. Such research scholars and their faculty have to make appropriate plan to receive financial support from the funding agencies through various schemes and opportunities. Particularly, the Departments need to conduct coaching to students to clear NET. On the other hand, Institutional financial support to limited number of research scholars is considerably lower than the fellowships provided by the funding agencies.

Heavy financial support is required for overcoming the above mentioned difficulties and high satisfaction of maintaining the practices.

BEST PRACTICE - II

1. Title of the Practice

Academic Autonomy to the Departments

2. Objectives of the Practice

The concept of an academic autonomy is a solution to setup an enabling environment, to enhance and strengthen the teaching and learning processes and improve the quality of academic outcomes. In view of this the Bharathidasan University has granted academic autonomy to all the Departments and specialized Centres with respect to their academic programmes. The following are the major objectives of this practice.

- To promote academic excellence.
- To evolve innovative teaching, learning and testing strategies.
- To develop self-learning, reasoning and creativity among the students.
- To use modern tools of educational technology.
- To promote healthy practices such as community services and extension activities.
- To undergo academic audit for assessment.

3. The Context

The basic premise of autonomy to academic activities of a Department is that it has to exercise academic freedom in its functioning. The Department is necessarily execute some of the functions of the administrative offices of the concerned University. For example, revising and restructuring of curriculum, designing of new programmes and courses, working out its own examination, evaluation and declaration of results are necessarily to be performed by the Department itself.

Autonomy in principle provides opportunity to every Department to develop and propose programmes and its structure based on the expertise and the innovative ideas of its faculty. Autonomy is expected to provide a better framework for nurturing the calibre and attitudes of students towards learning, the competence and commitment of faculty towards educational processes and educational outcome. Consequently, Students, Faculty and Heads and Chairs of the Departments of the Bharathidasan University should jointly work together to raise the quality of the outcome of autonomy.

4. The Practice

In order to have a conducive environment to make use of the academic autonomy in an effective manner to realize excellence on the various components of academic activities the Departments of the University is working out the following practices.

- All the faculty are members of Board of Studies.
- Full freedom to the course teachers in deciding the content of the respective courses.

- Provision for revision of the pattern of the programmes, the content of the courses and examination pattern in each academic year based on the feedback from students, industrialists and other stakeholders and the performance of the students.
- Question setters of the courses are identified as the experts in the respective courses.
- Quality of the question papers are scrutinized by the respective course teachers.
- Evaluation of the answer sheets by the respective question setters.
- Declaration of results of semester/annual examinations within one month from the date of completion of the examinations.
- Individual project for each student.

5. Evidence of Success

A substantial qualitative development in students' attitude, basic improvement in discipline and better students interaction are realized. All the Departments have smart board for class room teaching and is utilized for teaching. Each Department prepares its own academic calendar and follows it successfully resulting in smooth functioning of academic programmes. Students have access to the books in the library of the Departments/Centres. Students attend summer projects and internship programmes. Better relationship between faculty and students is realized. Due to the coaching provided by the Departments, 32 students qualified in NET, 17 in SET/SLET and 8 in GATE. Last Academic and Administrative Audit (AAA) was held during 2011. Appropriate actions are initiated on the suggestions and recommendations of the AAA Committee.

Due to the academic autonomy the following are realized in certain Departments/Centres. Credit for industrial visit is assigned. Double major has been introduced in I.M.A. History & Public Administration. Interaction of fast learners with research scholars made them to choose appropriate fields of research. Students are exposed to hands-on experiments on sophisticated equipments. Students actively took part in several social relevance extension activities including blood donation programme, tree plantation, assisting the people at old age home, service for blind people and awareness programmes.

6. Problems Encountered and Resources Required

There are certain difficulties and problems in the implementations of academic autonomy and in achieving the objectives of the practice. They are briefly summarized.

Academic collaboration among the Departments, other academic and research institutions and industries both in India and abroad need to be developed. Transfer of credits between different modes of learning to be well established. The possibility of implementation of the World Class Curriculum developed by various Universities of the Tamilnadu has to be analysed by the state government.

The existing number of administrative staff is inadequate. As a result, the faculty and research scholars are forced to perform several works related to the admission of students, examination and valuation.

The fields of science and other subjects grow rapidly in multi direction. To enrich the knowledge of students on latest developments the state/central governments should provide financial support for increase the number of faculty at a fixed regular interval. It would be a better environment to have each faculty specialized in different fields rather than more than one faculty in a particular field. A monitoring mechanism has to be developed and followed in this regard. For a satisfactory outcome of autonomy it is necessary to identify the prerequisites of functional autonomy without which a Department/Centre cannot be able to perform its tasks. This has to be monitored regularly by a committee. The students strength versus the infrastructure has to be properly monitored.

High block grant is needed to have a greater degree of freedom to set up the priority of each Department/Centre. The University management necessarily encourage the speedy decision making, networking, team effort and collective responsibility to meet the challenges of higher education. Furthermore, the realization of goals of academic autonomy not only requires sufficient financial resources but also continuous upgradation of faculty and sanctioning of nonfinancial requirements of faculty and students by the University.

7.4 Contribution to environmental awareness/protection

The University created environmental awareness and protection through multi-direction.

- Students of Eco-Club of Department of Environment Biotechnology are also involved in campus cleaning and plantation of saplings. Plantations of saplings are made in front of the Departments on the occasion of important days like National Science day.
- 8th International Congress on Climate Change – Territorial Classification & Socio-Economic Crisis was organized by the Centre for Remote Sensing, BDU, during April 23--27, 2013 at Hotel SRM, Tiruchirapalli.
- The faculty members of School of Chemistry are executing research activities in developing green technologies to make industrially important chemicals.
- Awareness programmes on environment are conducted on World Water Day and Ozone Day by the Department of Environmental Management. This Department has adopted a village and initiated eco-friendly programmes. Ocean Cleanup awareness has been made by the Department of Marine Science. Environmental History is a part of PG History curriculum.
- Toner cartridges are refilled one or two times instead of use of new units.

7.5 Whether environmental audit was conducted?

No.

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

Identification of strength, weakness, opportunities and threats (SWOT) of an educational institute and critical analysis of them are essential for thriving it towards realization of its goals on academic and research activities, governance and service to wider society. SWOT analysis is helpful for preparing plan for consecutive years. A brief summary of SWOT analysis of the Bharathidasan University is presented below.

Strength

- Very good number of publications, citations and h-index.
- Appreciable number of ongoing major projects in science Departments.
- 24 specialized Centres, the Institute for Entrepreneurship and Career Development (IECD) and Business Development Centre.
- Strong collaboration with various national and international institutions.
- Good number of Hostels for Boys and Girls with sufficient necessary facilities.

Weakness

- Less number of students from other states and from other countries.
- Limited number of consultancy and revenue from it.
- Only one number of patent sanctioned.
- Inadequate Guest House for visitors.
- Less number of campus placement.

Opportunities

- Making the University with CPEA and UPE.
- Improving the campus placement.
- Academic and research collaboration with industries.
- Development for innovative and interdisciplinary new programmes.
- Administrative autonomy to the Departments and Centres.

Threats

- National and international level of competitions.
- Increase of annual budget estimate for salary, maintenance etc.
- Lack of faculty with prestigious national/international awards and recognitions.
- Preference of students towards engineering subjects.
- Stagnant man power in both administrative and academic staff.

Other Relevant Informations

Establishment of digital talking library for training and establish access to digital resources for the differently abled students.

MoUs Signed with Industries/Institutions

IECD has signed MoUs with the following Industries / Institutions during the academic year 2012--13 for organising various job-oriented skill development programmes for the benefit of students & non-students youths:

1. NSK Educational and Charitable Trust, Thanjavur.
2. Daspal Infotech Pvt. Ltd., Chennai.
3. Uni-Care Academic Solutions, Vellore.

4. TVS Community College, Madurai.

The Business Development Centre (BDC) has entered into 5 MoUs with various specialized institutions/Hospitals/Colleges to offer off-campus 13 Certificate, 07 Diploma and 01 Postgraduate Diploma programme from the academic year 2012-13.

School-University-Industry-Tie-up Scheme (SUITS)

The Director of the IECD conceived the following 5 IT Certificate programmes under SUITS.

1. Computer Basics for 5th Standard Students.
2. Office Automation for 6th Standard Students.
3. Programming Techniques for 7th Standard Students.
4. C Programming for 8th Standard Students.
5. C++ Programming for 9th Standard Students.

The SUITS have been implemented over 96 interested Primary/High/Higher Secondary schools in Tamil Nadu during 2012-2013. The majority of the schools are from rural areas and covered in Tamilnadu. Totally 36,128 students have successfully completed the programmes during 2012--13.

Criterion – VIII

8. Plans of institution for next year

- To start M.Sc. Industrial Biotechnology Program, M.Sc. Bioinformatics, M.Sc. Yoga and M.Tech. Geographic Information Science.
- To start the Programmes B.P.Ed. and M.P.Ed.
- To introduce PG Diploma Programmes 1) Counselling and Pedagogy for Parenting Special Children, 2) Guidance and Counselling for Special Needs and 3) Inclusive Training and Development at the Centre for Differently Abled Persons.
- Initiation of preparation of the proposal under RUSA.
- To setup a Web based online catalogue in the Central Library and development of remote access system.
- To create a high performing computing facility for the benefits of faculty and students.
- To develop a World Class Curriculum as per the direction of the state government.
- Provision of Electrical Sanitary Napkin Incinerators for the Govt./Aided Educational Institutions (Schools & Colleges) in the jurisdiction area of the University with the financial support of BHEL, Trichy under its Corporate Social Responsibility (CSR) scheme.
- Train the cadets for Thal Sainik Camp, Zonal Shooting Coaching Capsules & Republic Day Camp.
- Periodically conduct the training and recruitment drive for the students.
- Submission of a proposal for establishing a Centre for Coastal Resources Research (CCR) at Muttukkattai, Muthupettai Block, Thiruvarur District, Tamilnadu by the Department of Geography to the Government of Tamilnadu.

Name : Dr. S. Rajasekar

Name: Dr. V.M. Muthukumar

Signature of the Director, IQAC
Bharathidasan University
Tiruchirapalli 620 024

Signature of the Chairperson, IQAC
Bharathidasan University
Tiruchirapalli 620 024

Annexure

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
