

**ANNUAL QUALITY ASSURANCE REPORT (AQAR)
FOR THE ACADEMIC YEAR 2014-15**

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 Tiruchirappalli-Pudukkottai highway (NH 210) 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, Health Centre and Staff Quarters are 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 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 an 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, senior administrative officers 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.

The IQAC executes the collection of students' feedbacks on teachers, courses and programmes at the end of each semester. The reports on the feedbacks are provided to the Departments for improvement of quality of teaching, revision of course contents and modification of structure of the programmes. At present feedbacks are collected manually. It is planned to collect the feedbacks through online from the academic year 2015-16.

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. In the academic year 2014-15 the number of students studying are 13,351.

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 2012-15 it conducted 52 Programmes including 13 Orientation Programmes and 31 Refresher Courses.

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 2014-15, IECD generated about Rs.154 lakhs by the way of conceiving, designing & offering various skill based programmes. It provided Entrepreneurship Development, Career Development, Skill Development programmes to 38,694 individuals belonging to SC/ST/BC/MBC communities in Tamilnadu and awarded University certificates. Generated wage/self-employment opportunities to over 524 students/non-students youth during 2014-15.

Contents

PART A

1. Details of the Institution	6
2. IQAC Composition and Activities	9

PART B

1. Criterion – I : Curricular Aspects	11
2. Criterion – II : Teaching, Learning and Evaluation	14
3. Criterion – III : Research, Consultancy and Extension	20
4. Criterion – IV : Infrastructure and Learning Resources	32
5. Criterion – V : Student Support and Progression	35
6. Criterion – VI : Governance, Leadership and Progression	39
7. Criterion – VII : Innovations and Best Practices	47
8. Criterion – VIII: Plans of Institution for Next Year	55

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:

<http://www.bdu.ac.in>

Web-link of the AQAR:

<http://www.bdu.ac.in/iqac/aqar.php>

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*)

i) AQAR 2012-13 submitted to NAAC on 27-06-2016.

ii) AQAR 2013-14 submitted to NAAC on 03-09-2016.

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, ...) : Yes UGC 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*)

Not Applicable

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="1"/>

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.
To assist the colleges affiliated to the Bharathidasan University for their NAAC accreditation and re-accreditation.	Provided guidance and support in the preparation of Self-Study Report and facing the NAAC Peer Team for accreditation and re-accreditation in different colleges affiliated to the University through their IQAC.
Preparation of a proposal for submission under RUSA.	A proposal under RUSA has been submitted with the budget of 47.10 crore. Oral presentation was made and the revised proposal was also submitted.
Preparation of a proposal under UPE.	A proposal with the budget of 75 crores was submitted. Revised proposal was then submitted. Oral presentation was also made.
Preparation of Performance Based Appraisal System Proforma for CAS and Direct Appointment of Faculty	Performance Based Appraisal System Proforma prepared.
Constitution of a committee for 4th Academic and Administrative Audit	A committee for 4th Academic and Administrative Audit has been constituted.

* 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 2014-15 will be placed in the forth coming syndicate meeting for approval.

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	44	02	03	--
UG	01	01	--	--
PG Diploma	06	--	--	--
Advanced Diploma	04	--	--	--
Diploma	12	--	--	--
Certificate	19	--	--	--
M.Phil.	26	--	01	--
Others (Short term)	02	--	--	--
Total	154	03	04	--
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	70
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

- The students of Computer Science wanted a few current trend courses.
- Industrial visits and the activities in the Eco-Club meetings improved the subject knowledge and provided practical exposure to experimental techniques.
- Requested the University/Department of Geography to provide an exit option to quit the Five-year Integrated M.Sc. Geography programme after completion of first three years with UG degree.
- A student of Department of History stated that he got great changes and position attitudes in his life after completing MA History.
- Department of Medical Physics students insisted for AERB approval of the Programme and appointment of qualified medical physicists.
- The Centre for Remote Sensing has well established infrastructure but needs more technical staffs to maintain the laboratories.

From Alumni

- From the students of Computer Science -- Need to include industry oriented course.
- Alumni of Geography requested to introduce a course on Mathematics Technologies in the Five Year Integrated M.Sc. Geography Programme.
- Department of Medical Physics Alumni insisted for AERB approval of the Programme and appointment of qualified medical physicists.
- The syllabus of the Centre for Remote Sensing though incorporates the recent development in the field of Geomatics, needs minor modification to match with the industry requirements. The Centre has well stocked library and well equipped labs with latest hardwares and softwares but lacks technical and supporting staff.

From Parents

- The parents of Computer Science suggested to provide training on communication skills to the students.
- The parents of students of Department of Commerce and Financial Studies suggested to conduct coaching classes for students preparing for CA, ICWA, ACS and IBPS examinations.
- Requested the Department of Geography to conduct special classes for competitive examinations.
- More encouragement needed for attending internship programmes for the Centre for Remote Sensing.
- The parents of the girls of Department of Women's Studies expressed to ensure safety for the girls.

From Employers

- The Department of Computer Science needs to have an industry oriented course.
- An employer who did Ph.D. in the Department of Environment of Biotechnology cited that all the faculty of this Department brought his inner potential through a friendly manner.
- Requested the Department of Geography to share students/alumni details for employment opportunities in the IT sector.
- The faculty of Centre for Remote Sensing are well trained on the various aspects of Geomatics.
- A suggestion to the Department of Women's Studies was to increase the students strength and make the course visible.

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

- School of Physics: A BoS meeting was held on 24.07.2015. The course Nanomaterials and Applications was included (with 4 credits) in the third semester of the two year M.Sc. Physics Programme by changing the credits of two nonmajor elective courses from 4 to 2.
- Department of Education Technology: A BoS meeting was conducted on 11-07-2015. M.Ed. curriculum was revised.
- A new paper on Feminism was introduced by the Department of Women's Studies. The Skill Building and Management has been introduced where the students were deputed to attend various skill training both within the department and outside organizations, at the national, regional, state, district and local levels.

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total number of permanent faculty

Total	Assistant Professors	Associate Professors	Professors	Others
181	104	14	63	--

2.2 Number of permanent faculty with Ph.D. -- 166

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
--	32	--	09	--	09	--	--	--	50

2.4 Number of Guest and Visiting Faculty and Temporary Faculty

Guest	Visiting	Temporary
35	11	1 (DST Inspire) 1 (Professor of Eminence), 4 (UGC FRP Assistant Professor), 1 (UGC Emeritus Professor) 2 (Junior Research Scientists)

2.5 Faculty participation in conferences and symposia

Number	International level	National level	State level
Attended Seminars/ Workshops	98	227	27
Presented papers	132	332	10
Resource Persons	45	235	119

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.

- 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.
- World class movies and short films were screened for improving literary sensibility of the students.
- Language Labs (English and Tamil) were utilised.
- Guest lectures by eminent scientists and academicians were arranged.
- Live demonstration for the stereochemistry, group theory and bioinorganic classes by the Department of Chemistry.
- Documentary films highlighting environmental issues by the Department of Environmental Management.
- Use of audio-visual aids widely to elucidate the course contents by the Department of Geography..
- Concurrent field exposure and in-plant training were organized every year for the P.G. students of Department of Life-Long Learning. ‘Soft Skills Development’ was incorporated in the curriculum of M.A. HRM.
- Internship/summer training in the reputed Private/Govt/Research organisations.
- 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 and civil society organizations.
- One paper has been exclusively devoted to Internship for the students of Department of Women’s Studies for a month during summer, and is evaluated by weekly assessment, visiting to the field and contacting the external institutions regularly.

2. Learning

- Biological students were asked to make animation of biological concepts.
- Language Lab was used.
- Hands on experiments with sophisticated equipments were done.
- Library and internet hours were included in time table.
- Students attended Summer Project/Programmes.
- Video conferencing from Onboard ship JOYDES ship USA was made.
- E-resource and CDs were used.
- Producing documentary films by the Students of Department of Women’s Studies.
- Field Training by the Department of Social Work.
- As part of learning, the students of Department of Sociology were taken to field based learning, where they applied their conceptual and theoretical knowledge to have holistic understanding of society and social issues.

2.7 Total number of actual teaching days during this academic year

186 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
181	-----	43

2.10 Average percentage of attendance of students

87%

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
B.P.Ed. (Physical Education)	--	--	--	--	--	--
M.Sc. Animal Biotechnology	12	75	25	--	--	100
M.Sc. Biochemistry	18	16.6	83.4	--	--	100
M.Sc. Biotechnology	24	42	58	--	--	100
M.Sc. Chemistry	12	17	83	--	--	100
M.A. Economics	16	--	81	--	--	81
M.Ed. (Education Technology)	35	03	97	--	--	100
M.A. English	14	14	86	--	--	100
M.Sc. Env. Sci. & Tech.	16	--	100	--	--	100
M.Sc. Fashion Technology	08	100	--	--	--	100
M.Sc. Geology	06	100	--	--	--	100
M.A. Gender Studies	03	100	--	--	--	100
M.A. History	14	21	79	--	--	100

M.A. Human Resource Managt.	16	--	100	--	--	100
M.Sc. Industrial Biotechnology	02	--	100	--	--	100
M.L.I.S. (M. of Lib. & Inform. Sci.)	10	70	30	--	--	100
M.Sc. Marine Biotechnology	04	--	100	--	--	100
M.Sc. Marine Science	05	20	80	--	--	100
M.Sc. Mathematics	36	42	50	05	--	97
M.Sc. Medical Physics	10	--	100	--	--	100
M.Sc. Microbiology	20	--	100	--	--	100
M.Sc. Physics	21	10	71	19	--	100
M.Sc. Biodiversity and Bioprospecting	--	--	--	--	--	--
M.A. Sociology	02	--	100	--	--	100
M.S.W. (Social Work)	12	33	67	--	--	100
M.Sc. Statistics	19	21	42	21	--	84
M.A. Tamil	15	33.3	66.7	--	--	100
M.P.A. Folk Dance	13	--	100	--	--	100
M.P.A. Classical Dance	05	--	100	--	--	100
2 year M.Tech. Adv. Inform. Tech.	21	--	100	--	--	100
M.Tech. Geoinformatics	09	11	89	--	--	100
M.Tech. (Using GIS Geohydro Informatics)	03	100	--	--	--	100
M.C.A.	32	94	06	--	--	100
M.B.A. Hospital Management	11	18.4	72.4	9.2	--	100
M.B.A. Financial Management	24	--	63	25	12	100
M.B.A. Environ. Management	07	14	86	--	--	100
5 year I.M.Sc. Bioinformatics	--	--	--	--	--	--
5 year I.M.Sc. Biomedical Science	15	13.4	60	06.6	--	80
5 year I. M.Sc. Geography (no 5th year)	--	--	--	--	--	--
5 year I. M.Sc. Geology (no 5th year)	--	--	--	--	--	--
5 year I. M.Sc. Geosciences	06	--	100	--	--	100
5 year I. M.Sc. Life Sciences	17	29.5	58.5	--	--	88
5 year I. M.Sc. Media (no 5th year)	--	--	--	--	--	--
5 year I. M.Sc. Physics	07	14	28	--	--	42
6 year I. M.Tech. Bioinformatics	23	30.4	69.6	--	--	100
6 year I. M.Tech. Biotechnology	25	40	40	20	--	100
6 year I. M.Tech. Computer Science	21	21	--	--	--	100
6 year I.M.Tech. Geotech & Geoinf.	09	56	44	--	--	100
M.Phil. Animal Biotechnology	02	50	50	--	--	100
M.Phil. Biochemistry	07	14	86	--	--	100
M.Phil. Bharathidasan Studies	03	100	--	--	--	100
M.Phil. Chemistry	02	100	--	--	--	100
M.Phil. Computer Science	42	17	76	05	--	98
M.Phil. Economics	07	--	28	--	--	28
M.Phil. Education Technology (FT)	06	50	50	--	--	100

M.Phil. Education Technology (PT)	13	--	77	--	--	77
M.Phil. English	17	06	90	--	--	100
M.Phil. Environ. Biotech.	--	--	--	--	--	--
M.Phil. Gender Studies	01	100	--	--	--	100
M.Phil. History	14	50	50	--	--	100
M.Phil. Industrial Biotechnology	--	--	--	--	--	--
M.Phil. Human Resource Managt.	04	--	100	--	--	100
M.Phil. Lib. & Inform. Sci. (FT)	07	57	43	--	--	100
M.Phil. Lib. & Inform. Sci. (PT)	23	52	48	--	--	100
M.Phil. Marine Biotechnology	--	--	--	--	--	--
M.Phil. Marine Science	03	100	--	--	--	100
M.Phil. Mathematics	10	80	20	--	--	100
M.Phil. Microbiology	12	08	92	--	--	100
M.Phil. Physical Education	08	--	87.5	12.5	--	100
M.Phil. Physics	09	89	11	--	--	100
M.Phil. Sociology	03	--	100	--	--	100
M.Phil. Social Work	06	66	34	--	--	100
M.Phil. Statistics	04	04	--	--	--	100
M.Phil. Tamil	09	66.7	33.3	--	--	100
PG Diploma in E-Learning	34	09	91	--	--	100
PG Diploma in Env. Genomics	--	--	--	--	--	--
PG Diploma in Inclusive Training and Development	--	--	--	--	--	--
PG Dipl. in Dig. Lib. & Know. Mgmt	01	--	100	--	--	100
PG Diploma in Veenai (FT)	02	--	100	--	--	100
PG Diploma (IECD)	24	--	--	--	--	100
Diploma in Folk Dance (FT)	01	--	--	--	--	100
Dip. in Tamilneri Arutchunaingar (FT)	10	--	--	--	--	100
Diploma in Veenai (PT)	07	--	--	--	--	100
Diploma in Keyboard (PT)	06	--	--	--	--	100
Diploma in Saiva Siddhantam (PT)	04	--	--	--	--	100
Diploma in Bharathanattiyam (PT)	03	--	--	--	--	100
Diploma in Violin (PT)	04	--	--	--	--	100
Diploma in Tamil Music (PT)	01	--	--	--	--	100
Diploma Programmes (4) (IECD)	85	--	--	--	--	100
Certificate Course in Office Automation and Assistive Technology	05	--	--	--	--	100
Adv. Dip. Programmes (4) (IECD)	148	--	--	--	--	100
Short-Term Programmes (2) (IECD)	88	--	--	--	--	100
Certificate Programmes (18) (IECD)	36358	--	--	--	--	100
Entrepreneurship Development Programmes (IECD)	1991	--	--	--	--	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 feedbacks 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	25
UGC – Faculty Improvement Programme	03
HRD Programmes	
Orientation Programmes	05
Faculty Exchange Programme	02
Staff training conducted by the university	05
Staff training conducted by other institutions	10
Summer/Winter Schools, Workshops, etc.	18
Others (Specify the type) Capacity Building Programme for Higher Education Teachers	--

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	412	63	03	-----
Technical Staff	070	28	----	----

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.
- Partial financial support is provided for conducting conferences/seminars etc.
- Faculty are permitted to attend National and International seminars, conferences and workshops with travel fund from UGC unassigned grant.
- 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.
- Access to online Tamil Libraries like Tamilvu.org., Madurai Project, Noolaham.org., Digital Library of India are provided.
- PG and M.Phil. completed students were 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.
- One time grant of Rs. 15 lakhs to strengthen the physical infrastructure has been provided to the Department of Medical Physics.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned
Number	42	56	17
Outlay in Rs.	2,42,10,505	3,92,53,744	3,95,27,063

In addition to the above, 8 Departments are supported under UGC-SAP and 6 Departments under DST-FIST. The total outlay of UGC-SAP = 618 Lakhs, DST-FIST = 555 Lakhs. Further, the University is supported under DST-PURSE (from 2011-12) with the grant of 9 crores.

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	--
Outlay in Rs.	--	--	--	--

3.4 Details of research publications

	International	National	Others
Peer Review Journals	625	140	20
Non-Peer Review Journals	022	34	--
e-Journals	011	--	--
Conference Proceedings	067	104	08

3.5 Details on Impact factor of publications:

Range : 0.144--7.365
 Average : ---
 h-index : 72 (2014), 72 (2015)
 Nos. in SCOPUS : 498 (2014), 447(2015)

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 -- Completed	2011-14(Biochem)	UGC	4,75,523	4,75,523
	2011-14(Biochem)	UGC	5,17,355	5,17,355
	2011-14(Biochem)	DBT	2,33,000	2,33,000
	2012-15(Biochem)	DST	4,97,652	4,97,652
	2012-15(Biochem)	DST	4,00,000	4,00,000
	2-12-15(Biochem)	UGC	3,97,523	3,97,523
	2011-14(Biomed)	UGC	0	0
	2011-14(Biomed)	UGC	0	0
	2011-14(Biomed)	UGC	6,15,648	6,15,648
	2011-14(Biomed)	ICMR	0	0
	2011-14(Chemistry)	UGC	5,00,000	5,00,000
	2011-14(Chemistry)	UGC	4,45,807	4,45,807
	2011-14(Chemistry)	DST	3,00,000	3,00,000
	2012-14 (Commer)	ICSSR	78,925	78,925
	2012-14 (Commer)	UGC	1,12,000	1,12,000
	2012-15(Commer)	ICSSR	1,30,000	1,30,000
	2012-14(Computer)	UGC	1,45,000	1,45,000
	2012-14(Econ)	ICSSR	1,94,950	1,94,950
	2012-14(Env.Bio.)	CSIR	10,55,940	10,55,940
	2011-14(Env.Bio.)	CSB	3,23,600	3,23,600
	2012-15(Mari.Bio)	DBT	5,44,600	5,44,600
	2014 (Mari.Bio)	TNSCST	7,500	7,500
	2012-15(Micr.Bio.)	UGC	2,81,032	2,81,032
	2012-15(Micr.Bio.)	DST	0	0
	2012-15(Micr.Bio.)	ICMR	0	0
	2013-15(Micr.Bio.)	DBT	0	0
	2012-15(NFMC)	DAE	21,72,000	21,72,000
	2012-15(NFMC)	DST	49,08,000	49,08,000
	2012-15(NFMC)	DBT	70,35,000	70,35,000
	2012-14(Periyar)	CICT	0	0
2008-15(Physics)	DST	0	0	
2012-14(Physics)	BRNS	2,50,000	2,50,000	

	2012-15(Physics)	DST	7,50,000	7,50,000
	2014-15(Physics)	DST-JSPS	2,50,000	2,50,000
	2014-15(Physics)	DST-RFBR	8,05,300	8,05,300
	2012-15(Plant)	UGC	0	0
	2013-15(Plant)	TBGP	73,200	73,200
	2013-15(Plant)	TBGP	1,18,950	1,18,950
	2013-15(Plant)	TNSCST	0	0
	2013-15(Plant)	TNSCST	2,92,000	2,92,000
	2012-14(CRS)	BRNS/AMD	0	0
	2014-15(CRS)	DST	3,00,000	3,00,000
Major projects -- Ongoing	2013-16 (Animal)	ICAR	9,30,094	9,30,094
	2012-15(Animal)	UGC	2,36,589	2,36,589
	2012-15(Biochem)	DST	2,00,000	2,00,000
	2012-15(Biochem)	UGC	9,04,800	9,04,800
	2012-15(Biochem)	NMPB	0	0
	2012-16(Biochem)	CSIR	5,64,000	5,64,000
	2014-17(Biochem)	DST (WOS-A)	8,90,000	8,90,000
	2012-15(Bioinfor)	UGC	0	0
	2013-16(Bioinfor)	DBT	0	0
	2013-16(Bioinfor)	DST	3,00,000	3,00,000
	2012-15(Biomed)	DST	0	0
	2012-15(Biomed)	UGC	0	0
	2012-15(Biotech)	UGC	3,13,070	3,13,070
	2013-16(Biotech)	DST	5,00,000	5,00,000
	2012-15(Chemistry)	UGC	3,40,690	3,40,690
	2012-15(Chemistry)	CSIR	3,86,034	3,86,034
	2013-16(Chemistry)	DST	4,00,000	4,00,000
	2013-16(Chemistry)	DST	5,00,000	5,00,000
	2013-16(Chemistry)	IFCPAR	0	0
	2013-17(Chemistry)	DST	0	0
	2013-17(Chemistry)	CSIR	0	0
	2014-16(Env. Bio.)	OPCFHK	2,53,624	2,53,624
	2014-15(Env. Bio.)	UNU-ISP	0	0
	2012-15(Env.Mgt.)	DST	0	0
	2012-15(Maths)	DST	3,51,000	3,51,000
	2012-16(Mari Bio)	DST	1,50,000	1,50,000
	2013-16(Mari.Sci)	DBT	0	0
	2013-15(Mari.Sci)	UGC	0	0
	2014-17(Mari.Sci)	GMBRT	3,03,600	3,03,600
	2012-16(Microbio.)	UGC	0	0
	2013-16(Microbio.)	DBT	0	0
	2013-18(Microbio.)	DST	16,91,680	16,91,680
	2003-17(NFMC)	DBT	5,50,000	5,50,000
	2013-17(NFMC)	UGC	15,85,000	15,85,000
	2013-17(NFMC)	DBT	1,52,00,000	1,52,00,000
	2013-17(NFMC)	DBT	49,40,000	49,40,000
	2014-16(Phys. Edu.)	UGC	9,11,068	9,11,068
	2011-16(Physics)	DAE	8,26,422	8,26,422
	2013-16(Physics)	DST-Ind-Fre.	13,03,000	13,03,000
	2013-16(Physics)	DRDO	0	0
2013-16(Physics)	CEFIPRA	20,83,073	20,83,073	
2013-16(Physics)	NBHM	0	0	
2013-16(Physics)	DST	0	0	
2013-16(Physics)	DST	5,00,000	5,00,000	
2014-16(Physics)	DST-Ind-Rus	0	0	

	2013-17(Physics)	DST	0	0
	2013-17(Physics)	DST	0	0
	2013-16(Plant)	UGC	0	0
	2012-16(CRS)	BRNS/AMD	0	0
	2012-16(CRS)	BRNS/AMD	0	0
	2012-16(CRS)	BRNS/AMD	0	0
	2012-16(CRS)	BRNS/AMD	0	0
	2012-16(CRS)	NRSC	5,40,000	5,40,000
	2013-16(CRS)	SAC	5,00,000	5,00,000
	2014-17(CRS)	DST	12,00,000	12,00,000
	2013-16 (WS)	ICSSR	0	0
Major Projects – Sanctioned	2014-16(Bioinfor)	UGC	9,62,436	9,62,436
	2014-17(Biotech)	DBT	5,50,000	5,50,000
	2014-17(Biotech)	DBT	12,28,200	12,28,200
	2014-17(Chemistry)	DST	24,54,424	24,54,424
	2014-17(Chemistry)	CSIR	5,71,803	5,71,803
	2015-17(Chemistry)	UGC	6,00,000	6,00,000
	2014-17(Env.Bio.)	DST	10,80,200	10,80,200
	2014-17(Env.Bio.)	DST	10,00,000	10,00,000
	2015-18(Env.Bio.)	DBT	12,22,000	12,22,000
	2015-16(Geogra)	UGC	7,00,000	7,00,000
	2014-17(Mari.Sci.)	MOES	21,04,000	21,04,000
	2015-18(Microbio.)	DBT	60,96,000	60,96,000
	2015-18(Microbio.)	DBT	1,22,62,000	1,22,62,000
	2014-16(Physics)	AvH,Germany	0	0
	2015-18(Physics)	DST	14,50,000	14,50,000
2015-17(CRS)	NRSC	10,80,000	10,80,000	
2015-18(NFMC)	DBT	61,66,000	61,66,000	
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects (other than compulsory by the University)	2015 – 17 (CS)	Jawaharlal Nehru Memorial Fund	60,000	60,000
UGC-SAP (Animal Sci.)	2013-18	UGC	0	0
UGC-SAP(BTGen.Eng.)	2011-16	UGC	0	0
UGC-SAP (Chemistry)	2013-18	UGC	0	0
UGC-SAP(EDU.TECH)	2013-18	UGC	5,90,000	5,90,000
UGC-SAP (Geography)	2015-20	UGC	8,00,000	8,00,000
UGC-SAP(Physics)	2013-18	UGC	0	0
UGC-SAP(CRS)	2012-17	UGC	0	0
UGC-SAP(Plant Sci.)	2011-16	UGC	3,74,000	3,74,000
DST-FIST(Biochemistry)	2014-19	DST	0	0
DST-FIST(Chemistry)	2012-17	DST	0	0
DST-FIST(CRS)	2013-16	DST	0	0
DST-FIST (Maths)	2014-19	DST	0	0

DST-FIST(Microbiology)	2014-19	DST	45,50,000	45,50,000
DST-FIST(Plant Science)	2014-19	DST	46,50,000	46,50,000
DST-PURSE	From 2011	DST	2,83,86,023	2,83,86,023
UGC Merged Scheme for UPSC Coaching Class	2014-15	UGC	92,616	92,616
Tamilnadu Grant for Establishing HiTech Labs	2013-18	TNG	2,40,000	2,40,000
ICT enabled training Centre for the Differently Abled Persons	2013-15	TNG	0	0
Total in Rs.			14,27,33,951	14,27,33,951
Total in Lakhs			1427.33951	1427.33951

3.7 Number of books published

- i) With ISBN Number : 29 ii) Without ISBN Number : 11
iii) Chapters in Edited Books : 47 iv) Edited Books : 02

3.8 Number of University Departments receiving funds from

- UGC-SAP : 8 CAS : 0 DST-FIST : 6
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. 20,56,916/-

The Publication Division has sold its publications (books) totalling to the amount of Rs. 14,68,488/-.

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

Level	International	National	State	University	College
Number	4	45	10	20	6
Sponsoring agencies	James Cook Univ., NBA, DBT, DRDO, UGC, CSIR, DoEn(TN), TNSCST, TNSCHE, BDU	UGC, DST, DBT, BDU, BRNS, M/S Aimil Ltd., CPAEF ¹ , MHEF ² , BDE ³ , DZF ⁴ , NIVI ⁵ , NAB ⁶ , SFK ⁷	BDU, UGC, TNG	BDU, GTS, IIRS-ISRO, ISRS	BDU

CPAEF¹ -- C.Pa. Adithanar Endowment Fund

MHEF² -- Marhum Haji Endowment Fund

- BDE³ -- Bharathidasan Endowment (Government of Tamilnadu)
 DZF⁴ -- Doerenkamp-Zbinden Foundation, Switzerland
 NIVI⁵ -- National Institute for Visually Impaired
 NAB⁶ -- National Association for Blinds
 SFK⁷ -- Saraswathi Foundation, Karur

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

86

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

International : 50 National : 99 Any other : --

3.14 Number of linkages created during this year

26

3.15 Total budget for research for current year in rupees

From Funding agency : **14,27,33,951**
 From Management of University : **1,37,66,643**
 Total : **15,65,00,594**

3.16 Number of patents received this year

Type of Patent		Number
National	Applied	1
	Granted	--
International	Applied	1
	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
23	--	15	08	--	--	--

Research Fellows

Total	International	National	State	University	Dist	College
31	04	23	04	--	--	--

3.18 Number of faculty from the Institution who are Ph. D. Guides -- 166
 and students registered under them -- 148

3.19 Number of Ph.D. awarded by faculty from the Institution -- 094

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

JRF : 124 SRF : 64 Project Fellows : 34 URF: 52 Any other : 10

3.21 Number of students participated in NSS events:

University level : 105 State level : --
National level : 2 International level : --

3.22 Number of students participated in NCC events:

University level : 14 State level : 09
National level : 02 International level : --

3.23 Number of awards won in NSS:

University level : 28 State level : ---
National level : --- International level : ---

3.24 Number of awards won in NCC:

University level : 01 State level : --
National level : -- International level : --

3.25 Number of extension activities organized

University forum : 6 College forum : 1
NCC : 4 NSS : 2 Any other : 54

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 during the present report period for 230 cases.
- The Business Development Centre has admitted/enrolled a total number of 570 students in collaboration with 12 specialized institutes/Hospitals.

Centre for Bharathidasan Studies

- Poetry, Essay, Singing and Oratorical competitions were conducted and Prizes were awarded to the participants (the students of the University Departments, affiliated colleges and University office staff) who secured first and second places.
- 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 2014 – The Inter Collegiate Cultural Convergence was organized at the University from 17-19, October 2014. A total number of 1350 students from 47 colleges participated in 29 cultural events.

Placement Cell

- Youth Leadership Development Programme was conducted on 30, 31 January and 1 February, 2015 in which 117 students participated and benefited.
- Soft Skill Development Programme was conducted on 14, 15, 21 and 22 March, 2015 in which 55 students participated and benefited.

NSS

- NSS volunteers participated in Traffic Regulation duty at Bharathidasan University from 08-19 December 2014.
- NSS volunteers joined with I link software company for cleaning Kayampatti village on 19.12.2014.

NCC

- Eye Donation Rally held on 17.03.2015.
- Blood donation camp has been conducted on 23.3.2015.
- International Yoga Day - Yoga demonstration was made on 21.06.2015
- Independence Day and Republic Day Celebrations were performed in the University campus.

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.

Department of Chemistry

- Major sophisticated instruments were demonstrated to students and faculty of some colleges.

Department of History

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

Department of Geography

- Dr.Y.V.N. Krishnamurthy, Director of Indian Institute of Remote Sensing (IIRS-ISRO), Dehradun delivered a lecture on Emerging Trends in Geospatial Technologies and interacted with students and faculty members of the Department.

Department of Library and Information Science

- National Workshop on *Resources and Technologies for Scholarly Information* was held on 12th August 2014 at the Department of Library & Information Science, BDU.
- UGC Sponsored One Day National Workshop on *Dspace: An Open Source Software For Digital Library Initiatives* was held on 10-01-2015 at the Department of Library & Information Science.

Department of Marine Science

- Placement services provided to students during 2014-15. M/S. CP Aquaculture (India) Pvt.Ltd, Chennai-held campus interview and two students were selected.

Department of Plant Science

- Trained Forest Officers of South India for plant identification.

Department of Social Work

- The Department of Social Work has executed several extension and awareness programmes and are tabulated below.

S.No.	Date	Title	Venue	Co-Sponsor
1	09.08-2014 & 10.08.2014	Two Day Workshop on Psychosocial Intervention for Orphan Children	Annai Ashram, Tamilnadu Pengal Nala Sangam	Annai Ashram
2	12-08-2014	Identification of Children with Problems in Class Room	R C Model School	R C Model School
3	10-09-2014	Awareness Programme on HIV-AIDS	Municipal School, Pandamangalam Trichy	Care & Share Organization
4	19.9.2014	Awareness Programme on Kitchen Garden	Panchayat Union Middle School, Udaiyalippatti Village	Kudumbam, Kolunji Ecological Farm and Training Centre
5	11.10.2014	Recreational & Healthy Ageing Programme	Deer Park, BHEL, Trichy	Amsavalli Chitrambalam Home for the

				Aged, Trichy
6	14.10.2014	Awareness Programme on using Toilet	Veelur	SCOPE
7	14.10.2014	Workshop on Adolescents – Beware of Internet & Video Game Addiction	Khajamian Higher Sec. School, Trichy	--
8	16.10.2014	PINK OCTO – 2014 One-Day Awareness Programme on Cancer	Bharathidasan University Auditorium	ONCO Club, Trichy
9	18.10.2014	Awareness Programme on Importance of Education	Gandhi Nagar, Nagamangalam	Kajamalai Ladies Association
10	18.10.2014	Recreational & Healthy Ageing Programme	MERCY Home, Crawford	MERCY Home
11	28.10.2014	Workshop on School Students on Empowerment Towards Health and Higher Education	Government Higher Sec. School, Inamkulathur	--
12	27.10.2014	Impact of Mass Media Among Adolescents	Samadh Senior Sec. School, Trichy	ATHMA Hospital and Research, Trichy
13	27.10.2014	Awareness Programme on Diabetes	Samadh Senior Sec. School, Trichy	Trichy Diabetes Speciality Centre
14	12.01.2014	Identification of Children with Problems in Class Room	Govt. Adi Dravidhar Welfare Higher Sec. School, Trichy	--
15	12.02.2015	Child Rights & Child Abuse	Govt. High School, Lalgudi	SEVAI

16	17.02.2015	Awareness Programme on HIV / AIDS	Punitha Arockia Annai Higher SAec School, Keeranur	Operation Rainbow – Care
17	20.02.2015	Awareness Programme on Health & Hygiene	Govt. Middle School, Chinna Suriyur	Khajamalai Ladies Association, Trichy
18	28.02.2015	Think Health without Cancer & Drugs	Punitha Annal TTI, Keeranur	TMSSS – Integrated Rehabilitation Centre for Addicts, Keeranur
19	28.3.2015	Awareness Programme on Herbal Garden	Dalmiapuram HS. School, Dalmiapuram	VOICE TRUST
20	7.3.2015	Awareness Programme on Life Skills	Mannarpuram	Rehabilitation Centre for Blind Home
21	10.3.2015	Awareness Programme on DIET	St. Norbert R.C.Middle School, Mathur	Trichy Diabets Speciality Centre
22	14.3.2015	Nutrition and Healthy Food	Govt.Primary School, Ramanathanallur, Tiruchy	Make Trust
23	14.03.2015	An Awareness Programme on Nutrition & Yoga at Pregnancy	Janet Nursing Home	Janet Nursing Home
24	26.03.2015	Life Skills for School Students	Nehruji Memorial Municipal Middle School, Tiruchy	--
25	27.03.2015	Awareness Programme on Diabetes	NMM Middle School, Tiruchy	Tiruchy Diabetes Speciality Centre

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.

Department of Women Studies

- MSME sponsored 45 day Entrepreneurship Skill Development Training for SC and ST students on *Cell Phone repairing and the Entrepreneurial Opportunities in Export* was held during August -- September 2014.
- Series of 16 Youth Mela Programmes were conducted for College Students and Teachers from August 2014 to December 2014.
- Three batches of Women Entrepreneurship Skill Development Programmes (WESDPs) on Tally ERP 9, DTP and Cell Phone Servicing & WEDP were organized during November 2014 -- February 2015.

Entrepreneurship Development Programmes (IECD)

- IECD has organised entrepreneurship development programme. This programme identified the persons with entrepreneurial quality, motivated 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 the Entrepreneurship Development Programmes for the College students of affiliated colleges of Bharathidasan University. Totally 1991 students were trained during this report period.

Other Activities

- A Red Ribbon Club Programme Officers Meet and Peer Educators Training Programme were held on 14-08-2014.
- An one day Workshop on Arts of Publishing was organized on 27-11-2015 by the Publication Division.
- An one week Faculty Development Programme of Research Methodology and Publication of Research Articles was held during 29-12-2014 – 04-01-2015 by the Publication Division.
- As per the MoU made between the WISH of Bharathidasan University and BHEL of Tiruchirappalli Napkin Electric Heaters were provided to 60 educational institutes on 26-02-2015.

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	103	4	BDU	107
Laboratories	135	4	Cethar Vessels Pvt. Ltd., Tiruchy, BDU	139
Seminar Halls	30	1	Cethar Vessels Pvt. Ltd., Tiruchy	31
Number of important equipments purchased (\geq 1-0 lakh) during the current year.	--	6	Government of Tamilnadu, UGC-SAP, BDU	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	20,36,687	Government of Tamilnadu, UGC-SAP	--
Others	--	--	--	--

4.2 Computerization of administration and library

Administration

- All the circulars were communicated by the University offices to 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	74,199	-----	3109	14,73,748	77,021	-----
In the Central Lib. Text/Ref. Books	76,086	-----	1081	8,89,469	77,167	-----
e-Books	-----	-----	-----	-----	-----	-----
Journals	193	-----	193	-----	193	-----
e-Journals	8000+	-----	-----	UGC Infonet	8000+	-----
Digital Database	19	-----	-----	-----	-----	-----
In the Depts/Centres CD & Video	302	-----	97	-----	-----	-----
In the Central Lib. CD & Video	750	-----	45	-----	795	-----
Others (Braille Books)	-----	-----	44	-----	-----	-----
Others (Institutional Repository)	10,0000	-----	-----	-----	-----	-----

4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	1141	23	Yes*	*	2	12	36	#27
Added	46	--	--	--	--	--	--	--
Total	1187	23			2	12	36	27

* 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 + 23 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.)

- Teachers were trained to teach through the ICT equipments available in the Informatics Centre.
- E-learning was facilitated by knowledge packaging through digital forms.
- E-mail ids with the University internet address are provided to research scholars also.
- Students of Centre for Remote Sensing have 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.
- Centre for Remote Sensing has conducted training programmes for students/faculty members in technology upgradation in the areas of GIS/Image processing.

4.6 Amount spent on maintenance in lakhs:

i) ICT	20,70,378
ii) Campus Infrastructure and facilities	1,56,80,525
iii) Equipments	8,85,630
iv) Others	31,461
Total :	1,86,67,994

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 fellowships 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 our University to top students to enable them to get research fellowships and find a suitable job.
- Extra disciplinary courses on Personality Development and Youth Entrepreneurship were offered by the Department of Life-Long Learning.
- Soft skill Workshop and Mock Interview were conducted by the Department of Commerce and Financial Studies.

5.2 Efforts made by the institution for tracking the progression

Progression and tracking of the students are monitored by the Departments. To ensure an efficient tracking progression of students the University follows a 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.
- Part time jobs offered by the different companies housed in the Technology Park.

5.3 (a) Total number of students

UG	PG/PG Diploma	M.Phil.	Ph.D.	Others	Total
96	1518	252	766	47	2679

(b) Number of students from outside the state --- 52

(c) Number of international students --- 07

(d) Total number of students

Gender	Number	Percentage (%)
Male	1212	45
Female	1467	55

Last Year					
General	SC	ST	OBC	Physically Challenged	Total
230	642	19	1666	2	2559

This Year				
General	SC/ST	OBC	Physically Challenged	Total
191	763	1716	9	2679

Demand Ratio : 1 : 1.5 Dropout % : 0%

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

- Departments of Biochemistry 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 teachers' eligibility test and teachers recruitment board examinations.
- Department of History conducted coaching classes for its students for UPSC and NET Examinations.

5.5 Number of students qualified in these examinations

NET : 18 SET/SLET : 09 GATE : 02 CAT : ---
IAS/IPS etc : --- State PSC : UPSC : --- Others : 02

5.6 Details of student counselling and career guidance

- Research opportunities, relevant job openings are displayed in the notice board of the Departments and the students are encouraged to apply.
- 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 non-major elective courses, preparation for planning for higher studies etc.
- Gender sensitization programmes were conducted by the Department of Women's Studies for students, staffs, rural women, SHG women, unemployed youth, school children, college staff, women in public life and adolescence youth.

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

<i>On Campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
09	1021	74	43

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. 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 : 26 National level : 18 International level : 05

Number of students participated in cultural events

State/Univ level -- 22 National level -- 15 International level -- 02

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

Sports and Games:

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

Other Events:

State/Univ level -- 19 National level -- 03 Inter. Level -- 02

5.10 Scholarships and Financial Support

	Number of Students	Amount in Rupees
Financial support from institution University Research Fellowship	52	19,96,000
Financial support from government (funding agencies) Fellowships	232	47626851
Financial support from government Scholarships	1,649*	99,08,359
Financial support from other sources	---	---
Number of students who received International/National recognitions	--	--

- Includes students from Centre for Distance Education.

5.11 Student organised / initiatives

Fairs: State/Univ. level -- 2 National level -- 1 Intern. Level -- 0

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

5.12 Number of social initiatives undertaken by the students : 42

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.

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 setup a World Class Curriculum Development Cell to design a curriculum of world class standard on selected subjects. The curriculum design is in progress.

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.

- 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.
- Department of Geography has a Satellite Interactive Terminal (SIT) to conduct IIRS –ISRO EDUSAT Outreach Programmes.
- The “Biochem Journal Club” was initiated by the Department of Biochemistry and successfully enduring for students to acquire the power of knowledge to analyze and review through research articles.
- Practicing of management games in the department (weekly) by the students of Department of Commerce and Financial Studies.

- Department of Education Technology has arranged Library Training Programmes and Workshops on *e Resources* with the help of Central Library and Department of Library Information Science.

6.3.3 Examination and Evaluation

- Evaluation process is designed and approved by Board of Studies and SCAA.
- Question papers setting by outside experts.
- Question papers are scrutinized by the 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.
- 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).
- A computer and a printer are provided to newly recruited faculty.
- University library has an Anti-Plagiarism software.
- Molecular models, computational packages are also used (Gaussian-03,09, ADF - 2008, Gaussview).

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 10,000 e-resources including thousands of e-journals.
- Fume cupboards in research laboratories.
- Intercom and internet facilities for every faculty room.
- 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 to all the departments of our University through Campus-wide network (Optical Fiber Backbone).
- There is a central workshop with a machine shop and glass blowing section. The workshop's personnel are helping the repair and maintenance of some of the equipments in the Departmental laboratory.
- The University has a Health Centre with a part time doctor and fulltime nurses, First-aid medicine, IRR Lamp, Electrocardiogram and other basic equipments.
- State of the art of computing facilities, GIS, Remote Sensing, GPS (Software and Hardware).
- Leptospirosis Repository at the Medical Microbiology Laboratory.
- Maintenance of medicinal plants at the Microbiology garden.
- Mushroom cultivation facility to train up the students and farmers.
- NFMCC has a separate web domain for culture repository and online open source bioinformatics tools exclusive for cyanobacterial research.

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 College of the University.
- 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 has collaboration for testing and evaluation Testing and Evaluation of Properties useful for agricultural and Horticultural crop protection agents entrusted by E.I Du Pont de Nemours and Company, USA (Consultant: Dr. S. Muthusamy).
- Department of Commerce and Financial Studies performs interactive sessions with the industry experts from MSME, Victory Insights Consultant, Global Green Growth Group, HCL technology and I.Gate Global Limited Solution.
- Department of History has collaboration with the Tamil Nadu Archives and Historical Research in digitizing important historical documents (Digital Documentation).
- Industrialists and officials from Industries are included as a member of Board of Studies of each subject and in IQAC.
- MoU has been signed with NIIT-GIS limited (ESRI- India), the world leading GIS organization, for starting joint Academic and Research programmes.
- MoU has been signed with Board of Research in Nuclear Sciences (BRNS), Atomic Minerals Directorate for Exploration and Research (AMD), Govt. of India.
- MoU has been signed with NRSC, Hyderabad (Rajiv Gandhi National Drinking Water Mission) for preparing Ground water prospects maps in parts of Southern Maharashtra, Goa, Andaman and Nicobar Islands, and Rajasthan.
- NFMC has collaboration with Pioneer Jellice Pvt. Ltd., Cuddalore.

6.3.9 Admission of Students

University follows a transparent admission system for all teaching programmes, Ph.D. and 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 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. Awareness programme on M.A Gender Studies conducted in various colleges in Pudukkottai, Tiruchirappalli, Thanjavur and Thiruvarur Districts.

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.
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. 400.22 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 conducts 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

Nil

6.12 Activities and support from the Parent – Teacher Association

Nil

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

- 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.

- Preparation of a World Class Curriculum.

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

- Conduction of 85 conferences/workshops/seminars.
- The following new Programmes have been introduced in the present academic year:
 1. B.P.Ed. (2 year) Programme (Department of Physical Education).
 2. M.A. in Inclusive Development by the Centre for Study of Exclusion and Inclusive Policy.
 3. 5 year Integrated M.Sc. Geography by the Department of Geography.
 4. Certificate course on Office Automation and Assistive Technology by the Centre for Differently Abled Persons.
- WiFi internet facility has been established for the entire campus of the University.
- Online Fee Payment Facility for students of University Departments and Colleges affiliated to the Bharathidasan University has been started from February, 2015.
- IECD has submitted a proposal to University Grants Commission, New Delhi for establishing a DDU KAUSHAL Centre (Deen Dayal Upadhyay - Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood) at the Institute for Entrepreneurship and Career Development (IECD), Bharathidasan University during XIIth Plan Period for offering a few UG Vocational programmes from 2015-16.

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

Weekly Academic and Research Colloquium

2. Objectives of the Practice

The prime objectives of the practice *Weekly Academic and Research Colloquium* are:

- Acquaintance with latest developments on the discipline(s) concerned.
- Learning new information from experts.
- Brainstorming our ideas and receiving immediate feedbacks.
- Facilitating students to identify appropriate topics for their interest.
- Getting one-to-one guidance from others.

3. The Context

Seminar or colloquium is one of the major components of present day academic and research activities. Seminars are essential in order to have an intensive exposure to the unfamiliar topics or to the topics on which we know very little and wish to get a better knowledge on them. In fact, a colloquium is an ideal platform for youngsters wishing to learn a topic in depth, acquaintance with the latest developments on a topic and also to get an exposure to the details of technical and technological skills from experts.

Presenting a seminar is a multipurpose gain, particularly, for students and young researchers. Seminars are not only useful to the listeners but also an effective platform for a speaker to express his new ideas, approaches and understanding of a process or a phenomenon and get positive and negative feedbacks. They are a way of self-assessing the speaker's depth on the subject or the topic concerned. By seminar we are not referring to the one conducted on a specific topic over one full day to a few days duration. Instead, we refer to presentation by the students, research scholars, faculty and outside experts delivering a certain details of some specific information at a priority fixed time on a specific day in each week except during vacation period in academic and research institutions. We refer such presentation meeting under the name *Weekly Academic and Research Colloquium*.

To realize the various outcomes of colloquium/seminar all departments and specialized research centres should make sure of executing it with high quality and keeping in mind the expectations of participants. The faculty and students should be aware of various latest tools available for presentation and methods of improving the mode and quality of the presentation. Keeping these in mind, the Bharathidasan University is adopting several strategies and following certain practices in order to achieve the goals of *Weekly Academic and Research Colloquium* among the faculty and students.

4. The Practice

The Bharathidasan University follows a certain practice so that the practice *Weekly Academic and Research Colloquium* leads to the realization of benefits of it to the students, research scholars and faculty. Various departments of the university prepare the Programme Schedule of *Weekly Academic and Research Colloquium* for an academic year usually in July and is placed on the notice board of the department. The time duration of a seminar is 45-60 minutes. Each seminar in a Department is conducted on a fixed day of each week throughout the academic period except during May and June. Abstract of a seminar is displayed on a notice board a few days before the schedule and is circulated to the faculty. The participants are students of PG and M.Phil. programmes, research scholars and faculty. Usually speakers are M.Phil. students, research scholars and faculty. However, final year PG students are encouraged to present a seminar on their project work. Further, experts visiting the departments, faculty from colleges and nearby institutions are also requested to present their research works. Moreover, research scholars should present a *synopsis seminar* before submitting synopsis of their Ph.D. thesis.

5. Evidence of Success

The confidence that the research scholars gained through the practice of *Weekly Academic and Research Colloquium* as listeners and speakers motivated them to present oral and poster presentations in National and International conferences. This practice has helped the students to acquire a broad exposure to various current topics and choose a topic of research by themselves. It has greatly improved the quality of expressing their research works and outcomes to the experts participating in conferences and visitors of the departments leading to getting a short term visit and post-doctoral fellowships in certain institutions from outside India. 31 awards have been received by the research scholars during the present academic year. The practice has greatly improved the communication skills of students and research scholars. Further, it is a mode of knowing various research activities taking part in a department for students, research scholars and faculty. It helped young research scholars and faculty working in same research topic to aware of the various problems faced by others in their research work preparation and analysis and the ways of solving them and overcoming them.

6. Problems Encountered and Resources Required

Usually, power point presentation is made by the speakers. Use of latest ICT technologies like the use of *Interactive Board* has to be practiced in the seminars. A few staff to be appointed who can make them well versed with the latest ICT technologies and softwares and periodically conduct demonstrations of utilization of them to the students, research scholars and faculty. They can be utilized for preparing illustrations and online simulations and serve as consultants for preparing different kinds of presentations. That is, essentially all the facilities required, in order to avoid the use of any material downloaded from websites, need to be created in the university. Each department needs a latest public addressing system with necessary accessories, sophisticated seminar hall, a power point presenter, a laptop, interactive slate etc. It is important to conduct special lectures to be delivered by invited experts every week on topics common to different disciplines. Online telecast and depositing of recorded seminars have to be practiced. These would be of immense useful for PG students and research scholars. In order to make the practice *Weekly Academic and Research Colloquium* more active and evolve its mode and enhance its quality of presentation awards may be given to a few top ranked presenters in each department. A strong financial support needs to be provided by central and state governments to meet the above mentioned requirements.

BEST PRACTICE - II

1. Title of the Practice

Online Scholarly Information Resources Repository

2. Objectives of the Practice

Knowledge management essentially deals with the management of knowledge, for example, in the activities of an institution or an industry is concerned. It is concerned with the idea of capturing knowledge gained by individuals and spreading it to others in an organization. Knowledge management assists dynamic learning, improving problem solving skills and collaborative learning and research and so on. A part of

knowledge management practice in educational and research institutions, knowledge repository can also be called as *scholarly information resources repository*. In this context, Bharathidasan University has established a Centre for Knowledge Repository with an aim of providing comprehensive access to scholarly digital contents to its students, research scholars and faculty members. In the past few years university is strengthening the content of the knowledge repository and is being utilized by different kind of its users.

The prime objectives of the *Online Scholarly Information Resources Repository* practice are the following:

- Provision of enhanced and updated knowledge content in teaching learning.
- Facilitating and managing novel and organizational learning and teaching.
- Disseminating right information to right person at right time.
- Identifying, organizing, collecting, processing, preserving and presenting information in a timely, relevant, accurate and simple manner.
- Enhancing digital learning of the stakeholders through e-resources access.

3. The Context

The developments in the ICTs bring new dimensions in the creation, organization, acquisition, processing and dissemination of information in a virtual way. The main concern of the *Online Scholarly Information Resources Repository* is building digital resources by retro-conversion of traditional resources and acquiring new kinds of resources in digital form. This in principle aims to provide opportunities to the learners and researcher to make use of the variety of knowledge contained in different kinds of materials and enhance their knowledge. Particularly, a knowledge repository of an institution collects, preserves and aims to provide possibly unrestricted online free access of relevant resources useful to the members of it. Availability of such an *Online Scholarly Information Resources Repository* related to learning, teaching and research is now of a great use to students and researchers belonging to rural areas. This is expected to provide a better framework for nurturing the calibre and attitudes of students and researchers towards learning, the competence and commitment of faculty towards educational processes and educational outcomes. Consequently, students, research scholars, faculty, Library and Informatics Centre of the Bharathidasan University should jointly work together to raise the quality, relevance, utility, quantum of authenticated content and strengthen the features of *Online Scholarly Information Resources Repository* of the University.

4. The Practice

Bharathidasan University follows a certain practices towards the development and utilization of *Online Scholarly Information Resources Repository* and to provide relevant information needed by its members. The following facilities are provided by the university.

- The University's Digital Knowledge Repository aims to provide comprehensive access to scholarly digital contents like e-journals, e-books, theses, dissertations, video and audio resources. More than 13,000 such collections are made available and can be accessible through the website of the university.

- Details of online courses, particularly, MOOCS (Massive Open Online Courses) offered by NASA, University of Florida, University of Texas at Austin, MIT, University of Berkeley, University of Oxford, NPTEL, PG E-PATSHALA, NISCAIR etc. are made available through university and library website .
- Digital manuscript gallery of many rare and important tamil books, olai swadi (palm leaf documents), vaipadu, ancient tamil literature are collected and made available.
- Various forms (power point presentation, pdf files, hand written materials) of academic and research talks of faculty are made available.
- Previous year question papers, syllabus, dissertations, project reports. newspaper clippings on the university are also archived and access given through relevant metadata

In addition to the above certain departments post information such as examination schedule, syllabus, recent years question papers, job opportunities, latest popular academic and research news in their web portal of the university.

5. Evidence of Success

A prime success of this practice is the access of the knowledge repository from any where within the campus of the university at any time by the users of the university. Students are able to utilize this facility whenever they wish to make use of it. In addition to the learning from teachers in the class room students are listening the online video lectures of experts from top institutions. Students download the relevant parts of e-books, research papers available in the repository to their laptops and mobile phones and refer them to get a better understanding of various topics and clarify their doubts. It has enhanced the overall knowledge literacy among students and young researchers.

6. Problems Encountered and Resources Required

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

The number of e-books available in different subjects need to be increased every year. Further, the books in the university and departments libraries those are frequently used by the students have to be digitalized and placed in the knowledge repository. A *search* facility to assist the users to find the availability of the contents looking for in the repository has to be created. Electronic information sources cannot be used effectively without necessary training. Proper instructions need to be given to the users on how they should be used.

For each facility available related to the practice concerned it is important to record the number of users, their comments and suggestions. Based on these the facilities have to be updated and improved. Survey on the users' opinions and on the quality of available documents can be performed regularly in order to know the needs of the users and discover the strength and weakness of the existing services. A monthly or quarterly newsletter and special lectures reporting on the various features and the latest updates need to be brought out. Continuous updating and copy right and access right issues need to be familiarised among the stakeholders.

A part of the *Online Scholarly Information Resources Repository* should contain different kinds of resources created/developed by the members of the university. Open access to this would increase their visibility, citation and collaboration with the faculty of other institutions.

Most importantly, a section/unit/cell with sufficient number of staff with different kinds of qualification to manage and monitor the *Online Scholarly Information Resources* necessarily to be created.

In order to realize the goals of the present practice and fulfil the expectation of the members of the university sufficient number of manpower fully dedicated to this and necessary financial support are required. A separate budget has to be allotted by the university for the above purpose.

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.
- The faculty members of School of Chemistry are executing research activities in developing green technologies to make industrially important chemicals.
- Toner cartridges are refilled one or two times instead of use of new one.

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.
- Sufficient number of ongoing major projects.
- 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.
- Wi-Fi facility in the entire campus including hostels.

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

The Si.Pa Adithanar Endowment provides Rs. 7.5 Lakhs for Ph.D. research studentship and Rs. 3 Lakhs for conducting Endowment Lectures.

MoUs Signed with Industries/Institutions

IECD has signed MoUs with the following Industries/ Institutions during the academic year 2014-2015 for organising various job-oriented skill development programmes for the benefit of students & non-students youths:

1. MAKE Academy, Tiruchirappalli
2. Indian Institute of Social and Educational Development (IISED), Madurai
3. TecheMantix Technologies Pvt. Ltd, Tiruchirappalli
4. Beta Technologies India Pvt. Ltd., Coimbatore
5. Formation Education Development Centre for Rural Organization and Training (FEDCROT), Madurai
6. Social Development and Research Foundation, Chennai

A memorandum of understanding was signed on 16.07.2014 by BDC with ABC Hospital, Tiruchirappalli for offering the following two certificate courses from the academic year 2014-15.

1. Certificate Course in Dialysis Technology
2. Certificate Course in Anesthesia Technician

A memorandum of understanding was signed by BDC on 30.07.2014 with Aachi Institute of Management and Entrepreneurship Development, Chennai for offering the following postgraduate diploma and diploma courses from the academic year 2014-15.

1. Postgraduate Diploma in Management and Entrepreneurship
2. Diploma in Entrepreneurship and Family Business Management

A memorandum of understanding was signed on 30.07.2014 by BDC and with Mpower Young India Academy, Chennai for offering the following postgraduate diploma from the academic year 2015-16 and two certificate courses from the calendar year 2015.

1. Postgraduate Diploma in Business Administration
2. Certificate Course in Project Management
3. Certificate Course in Logistics and Supply Chain Management

A memorandum of understanding was signed on 31.07.2014 by BDC with Banker's Quotient Academy, Coimbatore for offering the following postgraduate diploma and certificate course from the academic year 2014-15.

1. Postgraduate Diploma in Banking and Finance
2. Certificate Course in Banking and Finance

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

The Director of the IECD conceived the following 8 IT Certificate programmes under SUITS.

1. Computer Basics for 5th Std. Students
2. Office Automation for 6th Std. Students
3. Programming Techniques for 7th Std. Students
4. C Programming for 8th Std. Students
5. C++ Programming for 9th Std. Students
6. Graphic Design for 7th Std. Students
7. Web Design for 8th Std. Students
8. 2D Animation for 9th Std. Students

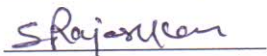
The SUITS have been implemented over 140 interested Primary/High/Higher Secondary Schools in Tamilnadu during 2014-15. The majority of the schools are from rural areas and covered in Tamilnadu. Totally 37,314 students have successfully completed the programmes during 2014-15.

Criterion – VIII

8. Plans of institution for next year

- Undergoing an Academic and Administrative Audit for self-assessment on academic and administrative programmes and activities.
- Setting of Solar Energy Panels for generating electrical energy at the main campus and Khajamalai campus of the University.
- Construction of rain water storage percolation ponds in the main campus of the University.
- Conduction of an International conference on Future Earth Perspectives in South Asia in collaboration with National Association of Geographers, India (NAGI), New Delhi.
- Conduction of an ICT Enabled Self-Employment Training Programme for Rural Women.
- Conduction of a short term Faculty Development Programme of Research Methodology and Publication of Research Articles.
- Train the cadets for Republic Day Camp & National Games 2016.

Name : Dr. S. Rajasekar



Signature of the Director, IQAC

Name: Dr. V.M. Muthukumar



Signature of the Chairperson, IQAC