



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		BISHOP HEBER COLLEGE (AUTONOMOUS)
Name of the head of the Institution		Dr. D. PAUL DHAYABARAN
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04312770136
Mobile no.		9442248806
Registered Email		bhcprincipal@gmail.com
Alternate Email		heberiqac@gmail.com
Address		8, Allithurai Road, Puthur
City/Town		Tiruchirappalli
State/UT		Tamil Nadu
Pincode		620017
<b>2. Institutional Status</b>		

Autonomous Status (Provide date of Conformant of Autonomous Status)	07-Oct-2004
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. SURESH FREDERICK, Dean of IQAC
Phone no/Alternate Phone no.	04312770136
Mobile no.	9443108000
Registered Email	bhcprincipal@gmail.com
Alternate Email	heberiqac@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://bhc.edu.in/iqac/TNCOGN10113_Bishop_Heber_College_Tiruchirappalli_2017-2018.pdf">http://bhc.edu.in/iqac/TNCOGN10113_Bishop_Heber_College_Tiruchirappalli_2017-2018.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://www.bhc.edu.in/cal/event/index.php">http://www.bhc.edu.in/cal/event/index.php</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	A	3.58	2015	03-Mar-2015	02-Mar-2020
2	A+	90.50	2007	31-Mar-2007	30-Mar-2012
1	A+	75	2001	21-May-2001	20-May-2006

<b>6. Date of Establishment of IQAC</b>	20-Sep-2004
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Faculty Development Programme	18-Jun-2018 1	446
Hands On Training On E-Content Development	12-Jul-2018 1	446
Orientation For The Newly Recruited Members Of Staff Of Self-Financed Stream	11-Jul-2018 1	47
Faculty Enrichment Programme UGC NET/CSIR Coaching	19-Nov-2019 1	77
NAAC Sponsored Workshop on Benchmarking the Best Practices in Teaching Learning in Higher Education	14-Feb-2019 1	46

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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
DST	FIST	DST	2016 1826	10000000
Institution	College of Excellence	University Grants Commission	2017 1826	17500000
Institution	STAR Scheme	Department of Biotechnology	2016 1095	5800000
Institution	RUSA 2.0	MHRD	2019 730	0

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

2

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

Yes

Upload the minutes of meeting and action taken report	<a href="#">View Uploaded File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

A Proposal to organize a Two Days Workshop on Benchmarking the Best Practices in Teaching, Learning and Evaluation submitted to NAAC was accepted for Implementation Revised Blooms Taxonomy Mapping was done for all Programmes, which was initiated by IQAC, through the Deanery of Academics

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Encouraging students to enroll and complete Courses through SWAYAM and MOOC Platforms.	Considerable number of students have registered and completed their Online Courses through NPTEL and MOOC Platforms.
Faculty Enhancement Programmes to enable the members of staff to clear NET/SET Examinations (Faculty Qualification - toward 100%).	Overall Qualified staff members in the College has been increased from 66% to 75% in the last academic year.
Making available facilities that addresses the needs of women students like Incinerator, Sanitary Napkin Vending Machines.	Sanitary Napkin Vending Machines and Incinerators have been established in hostel buildings
State of the art Indoor Auditorium.	State of the Art Indoor Auditorium has been commissioned for the use of students.
Introduction of Bachelor Programme in Tamil Literature.	Bachelor Degree in Tamil has been introduced this year.
Introduction of job-oriented programmes in Commerce and Management Disciplines in collaboration with International agencies.	Two Bachelor Programmes in Commerce, viz., B. Com. in Professional Accounting and B. Com. in International Accounting have been introduced.
Encourage staff members to Publish research outputs in Journals indexed in Scopus, WoS and UGC Approved Journals list.	Incentives commensurate with the quality of publications are being given to faculty who publish papers in journals enlisted in UGC- CARE Lists.
Establishment of MHRD's Innovation Cell.	Institutional Innovation Cell has been established in the College

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<p><b>14. Whether AQAR was placed before statutory body ?</b></p>	<p>No</p>
<p><b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b></p>	<p>No</p>
<p><b>16. Whether institutional data submitted to AISHE:</b></p>	<p>Yes</p>
<p>Year of Submission</p>	<p>2019</p>
<p>Date of Submission</p>	<p>07-Feb-2019</p>
<p><b>17. Does the Institution have Management Information System ?</b></p>	<p>Yes</p>
<p>If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)</p>	<p>Our campus has a team of software developers and web designers to develop and implement application software for our campus. The IT support Software developers have developed and implemented the following application software 1. Online Admission 2. Student Information Management System 3. Student Attendance Management System 4. CIA mark management 5. Online Examination 6. Hostel Management 7. Online payment -College and Hostel Fee Collection 8. Student feedback system 9. College Website 10. Websites for sister concerns 11. Registration to NMEC Courses, 12. Registration to Service Clubs (Part V Clubs) Maintaining computers and their accessories • IBM Rack servers are maintained by authorized service persons through AMC. • Desktops are maintained by technical persons in IT Support technical team. • Network is maintained by IT Support technical team. • UPS are maintained by authorized service persons through AMC. Bishop Heber college campus is packed with greenery, landscape and beautiful buildings concealed with latest Information Technology Infrastructure facilities. Campus has an area of 35 acres, having 9 hostels, 4 for men 5 for women students and 1 international hostel. All hostels are equipped with wireless facility. Departments and library are well equipped with internet, computer facilities for the</p>

staff to upgrade their skills and knowledge. Well established Computer lab facilities are available for student in UG, PG and research. Computer lab will be open from 8.30 a.m. till 6.30 p.m. on all working days.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	UAS	Actuarial Mathematical Science	07/03/2019
BCA	UCA	Computer Application	04/05/2018
BSc	UBT	Biotechnology & Bioinformatics	16/04/2018
BSc	UES	Environmental Sciences	07/04/2018
BA	UEC	Economics	13/04/2018
BA	UEG	English	06/04/2018
BA	UHS	History	06/04/2018
BSc	UZY	Zoology	09/04/2018
BSc	UND	Nutrition and Dietetics	07/05/2018
BSc	UPH	Physics	16/03/2019
BSc	UCS	Computer Science	06/03/2019
BSc	UIT	Information Technology	16/03/2019
BBA	UMS	Management Studies	04/03/2019
BVoc	UIT	Information Technology	16/03/2019
MSc	PPH	Physics	16/03/2019
MSW	PSW	Social Work	09/04/2018
PG Diploma	DSW	Counselling	09/04/2018
MSc	PBT	Biotechnology	16/04/2018
MSc	PBI	Bioinformatics	16/04/2018
MSc	PES	Environmental Sciences	07/04/2018
MSc	PIT	Information Technology	16/03/2019

MA	PEC	Economics	13/04/2018
MA	PEG	English	06/04/2018
MA	PTM	Tamil	16/03/2019
MSc	PLS	Library & Information Science	16/03/2019
MSc	PMA	Mathematics	30/03/2019
MCA	PCA	Computer Applications	04/05/2018
MBA	PMS	Management Studies	01/03/2019
MPhil	MMS	Management Studies	01/03/2019
MPhil	MPH	Physics	16/03/2019
MPhil	MEG	English	06/04/2018
MPhil	MSW	Social Work	09/04/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BSc	Environmental Sciences	07/04/2018	Certificate in Industrial Safety and Hygiene	07/04/2018
PG Diploma	Diploma in Journalism, Tamil	16/03/2019	Diploma in Journalism	16/03/2019
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## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Mathematics	30/03/2019
BCom	Professional Accounting	16/04/2018
BCom	International Accounting	16/04/2018
MA	Economics	01/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	All Specializations	01/01/2018
BSc	All Specializations	01/01/2018
BCom	All Specializations	01/01/2018

BCA	Computer Application	01/01/2018
BVoc	Information Technology	01/01/2018
BVoc	Accounting and Taxation	01/01/2018
MA	All Specialization	01/01/2018
MSc	All Specialization	01/01/2018
MCA	Computer Application	01/01/2018
MBA	Management Studies	01/01/2018
BBA	Business Administration	01/01/2018

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Life Skills	01/01/2018	2992
Naturopathy and Traditional Health care	16/08/2018	69
UG Certificate Course in Industrial Safety and Hygiene	07/04/2018	41
Diploma in Journalism and Mass Communication	01/07/2018	18
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#### 1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany	61
BSc	Chemistry	31
BSc	Environmental Sciences	40
BA	History	45
BSc	Mathematics	4
BSc	Computer Science	1
BSc	Physics	32
BSc	Zoology	20
PG Diploma	Counselling	64
MBA	Management Studies	255
MCA	Computer Application	258
MA	Social Work	346
MSc	Actuarial Science	10
MSc	Chemistry	13
MA	History	15
MSc	Botany	66
MSc	Library and Information Science	45

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## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

### Feedback Obtained

The institution from time to time obtains feedback from stakeholders such as students, parents, academicians and alumni based on criteria such as discipline of students, curriculum, facilities available in the department and college, quality of teaching, extracurricular activities, placement and teachers and student relation. Soon after the feedback is obtained, the departmental meeting is called for and the rudiments to improvise on the standards are being discussed amongst the faculty members are systematically analysed. Periodic parentteachers meet is orchestrated by the class teachers to discuss about the attendance and academic position of the students. Feedbacks that are collected from the parents every semesters are carefully brought for examination in the meet hosted in the department and after analysing them, several new measures are taken to uphold the standard of the student and the institution alike. Daily attendance for the class hours is sent to the parents in the form of SMS. More number of events related to Soft Skill development are conducted through the Departmental Association. Availability of Lab reagents is made easy in all laboratories with a new system for minimal usage. More number of Interdisciplinary and socially relevant projects are given to UG and PG students to enrich the collaborative research. Separate laboratories are allotted for UG and PG students, indicating variation and degree of content to suit the expectation and need of students. The institution also works its way to create entrepreneurship skills among students. We train students in organic farming and PCR trouble shooting, advanced computer languages, network systems, language lab to equip prowess in communication skills and thereby providing various lab techniques to develop their entrepreneurship skills. Entrepreneurship cell is formed exclusively to develop the Entrepreneurial skills of the students. The feedback obtained as mentioned above is consolidated and presented in the Board of Studies that is held annually. The feedback is contemplated upon and the expertise of the board of studies members analyse the contemporary relevance and feasibility of the implementation of the feedback. Syllabus in alignment with professional courses is framed and new programme is introduced based on the feedback from the parents and alumni. More quantitative papers in the first two years of the UG Programme are revised based on the feedback from the Students. Syllabus gets revised and gets updated consistently according to the needs of the industry. Students are motivated to do online courses. The suggestions of the parents, alumni, Board of Studies members subject experts and teachers are brainstormed and based on the agreement arrived at the feedback is either incorporated or alternative strategies are devised and included in the curriculum. Feedbacks from students about the teachers are also collected every semester to improvise the standard of the teacher's teaching dexterity. Thus improvement and improvisations are made as a response to the valuable feedbacks to bring about an allinclusive

growth in students and for the development of the institution.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Environmental Sciences	40	106	36
BSc	Mathematics	369	2555	340
BSc	Physics	217	650	198
BSc	Zoology	76	245	75
BSc	Actuarial Mathematical Science	60	301	104
BCA	Computer Applications	338	1499	385
BSc	Nutrition & Dietetics	40	120	51
MA	Tamil	40	30	14
MA	English	105	436	86
MA	Economics	35	29	7
MA	History	20	15	13
MCom	Commerce	70	154	50
MBA	Management Studies	120	547	154
MCA	Computer Applications	180	250	177
MSc	Bioinformatics	55	153	69
MSc	Biotechnology	50	50	22
MSc	Mathematics	144	601	130
MSc	Physics	71	300	71
MSc	Zoology	25	50	35
MSc	Actuarial Science	50	87	45
MSc	Information Technology	80	45	26
MLibSc	Library & Information Science	20	25	21
MPhil	Computer Science	10	100	8
MPhil	English	32	98	32
MPhil	Library & Information	4	4	4

	Science			
MPhil	Mathematics	12	15	12
MPhil	Management Studies (FT)	9	10	9
MPhil	Management Studies (PT)	3	7	3
MPhil	Physics (FT)	11	30	11
MPhil	Physics (PT)	10	30	4
MPhil	Social Work (FT)	13	5	5
MPhil	Social Work (PT)	12	5	5
MPhil	Tamil (FT)	24	15	9
MPhil	Tamil (PT)	24	20	14
BA	Tamil	50	70	45
BA	English	189	1692	201
BA	Economics	60	274	68
BA	History	60	170	61
MSc	Botany	25	40	31
MSc	Chemistry	55	155	59
MSc	Computer Science	140	500	130
MSc	Environmental Sciences	25	18	13
BCom	Commerce	750	4251	839
BVoc	Accounting & Taxation	50	54	50
BVoc	Information Technology	60	80	59
BBA	Management Studies	240	839	256
BSc	Biotechnology	80	671	98
BSc	Botany	80	500	79
BSc	Chemistry	190	600	193
BSc	Computer Science	360	1500	410

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## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
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2018	8959	2422	57	97	292
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## 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
446	220	40	125	49	4
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Bishop Heber College provides an adept mentoring system for each and every student of the College. Each student is allotted and assigned to a faculty mentor for individual guidance, career progression and growth even at the beginning of their programme. Mentors are assigned to monitor and guide students all through the three years for Under Graduates and two years for post Graduates. Mentors meet their students and guide them periodically regarding their studies and extracurricular activities. The mentor analyses the strength and weakness of the students and guides them in the needed path. Every faculty member stretches his/her service as a mentor and builds a rapport with the student mentee, encouraging him or her to ask questions, attempting to clarify doubts and facilitate counselling on different issues. The academically sound and motivated students are identified and given guidance according to their ambition. Similarly slow learners are identified and given sufficient motivation towards the improvisation of their academic prowess. Students are accordingly encouraged by the mentors to participate in sports, NSS, NCC, other Part V clubs (Service Clubs), cultural and other fine arts events. They also provide advice relating to selection of major, career guidance and personal problems. Mentors even converse with their fellow colleagues for the sake of his/her ward and help mentees at the time of difficulty and promote at the time of opportunity to support them develop further in their areas of interest. The mentors act as guides to the students during their summer and final projects. The mentors also act as a guardian for the mentees and have a better understanding of his/her financial background as well. When scholarship is given from college and government, mentors once again makes sure that the needy and deserving mentee applies for it and gets the benefits. The mentoring system enhances the students' confidence and challenges them by setting higher goals, moulding them in taking risks and eventually guiding them to achieve higher levels. Individual appreciation and backing, psychosocial support at the time of need, routine advice on balancing of academic and professional tasks are a few significant credentials validated by the mentors in Bishop Heber College. Mentors act as role models and facilitate leadership by developing the interpersonal skills and helping students thrive in competitive environments. From time to time, the Head of the Department reviews the proper implementation of the mentoring system. Mentors even coordinate with the parents regarding the progress of the students, and strike a cordial relation with the mentee's parents as well. The mentors thus lay the groundwork for the students to reach better heights in their professional lives, thereby contributing to durable individual and professional relationship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
11381	446	1 : 26

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
428	446	24	78	183

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

Year of Award	Name of full time teachers	Designation	Name of the award,

	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2019	Dr.P.Mariappan, State	Associate Professor	Best Professor Award, World Cultural Yoga Academy, Tiruchirappalli
2019	Dr.P.Mariappan, International	Associate Professor	RULA Innovation Betterment Excellence Award, RULA Awards
2019	Dr.M.Kasthuri, National	Assistant Professor	Star Performer Award, Certiport TN
2019	A.Sanadasamy, National	Assistant Professor	Star Performer Award, CertiportTN
2018	Dr. V. Violet Dhayabaran, National	Associate Professor	Subject Expert, Ministry of Science and Technology, New Delhi.
2019	Dr. Muruganandam, State Level	Associate Professor	Prize for best book publication Kavithai Uravu Forum, Chennai
2019	Dr. Muruganandam, State Level	Associate Professor	Ilakkiya Virudhu Sirukathai Tamilnadu Ariviyal Iyakkam, Pudukottai
2019	Dr.M.Muneesmoorthy, State Level	Assistant Professor	Tamil Kurusil Sirapparam Award TAMILARAN Manavarkal Tamil Pengal Seyarkalam
2018	Dr.M.Muneesmoorthy, State	Assistant Professor	Ilam Tamil Aaivalar, Tamil Valarchi thurai, Chennai
2018	Dr.R.Sharmila, State	Assistant Professor	Mozhivalarchi viruthu 2018, Tamilnadu Murpokku Ezhuthalarkal Sangam, Teynampet, Chennai18
2019	Dr.A.Anita Margret, National	Assistant Professor	Best Women Scientist Award- 2019, Novel Research Academy, Puducherry.
2018	Dr. S. Seethalakshmi, National	Associate Professor	Best Research Adviser, Indian Academic Researcher, Trichy

2018	Dr. Shanthy Getzie, State	Associate Professor	Academic Excellence award, East Kanyakumari
2018	Dr. Shanthy Getzie, International	Associate Professor	Kalvi Bhrathi Award, International Association of Lion Club, Puthukkottai
2018	Dr. E. Thelma, National	Associate Professor	Best Faculty Award, Indian Academic Researchers Association, Trichy.
2018	Dr. H. Esther Rani, National	Associate Professor	Best Faculty Award, Indian Academic Researchers Association, Trichy
2018	Dr. S. Ally Sornam, National	Associate Professor	National Best LIS Teacher award 2017, SALIS (Society for the Advancement of Library and Information Science), Chennai
2018	Dr. A. Umesh Samuel, National	Associate Professor	NPTEL Brand Ambassador Award
2018	Dr. Sam Deva Asir R.M., National	Assistant Professor	Social Ambassador Award, Indian Development Foundation, Mumbai.
2018	Dr. B. Gaythri, National	Assistant Professor	Special Jury Award, Tutors Pride, Hyderabad
2019	Dr. B. Gaythri, National	Assistant Professor	Amma Virudhu, Mrs. Ezhil Caroline, Advocate, Chennai High Court
2019	Dr. B. Gaythri, National	Assistant Professor	Iconic Faculty Award, Shaksham Society, Jaipur
2019	Dr. B. Gaythri, National	Assistant Professor	Winner Excellency Award, Way Foundation, Tirupati
2019	Dr. B. Gaythri, National	Assistant Professor	Young Achiever Award, Institute of Scholars, Bengaluru
2019	Dr. B. Gaythri, National	Assistant Professor	Guide for student Project of the year 2019, Institute of Scholars, Bengaluru

2019	Dr. B. Gaythri, National	Assistant Professor	Global Teacher Award, AKS Awards, Delhi
2019	Dr. B. Sathees Kumar, National	Assistant Professor	Global Outreach Education Award for excellence in Teaching, 3rd Global Out Reach Education Bengaluru
2019	Dr. P. Rajkumar, International	Assistant Professor	Best Achiever Award, Malaya University Tamilthai Arakattalai
2019	Dr. J. James Manoharan, National	Assistant Professor	Global Teacher Award, AKS WorldWide Pvt.Ltd
2019	Dr. M. Kasthuri, National	Assistant Professor	Global Teacher Award, AKS WorldWide Pvt.Ltd
2019	Prof. C. Sam Deepen Moses, State	Assistant Professor	Best Jingle Audio "Negizhi", Trichy Corporation
2019	Dr.P.Mariappan, International	Associate Professor	Lifetime Achievement, International Journal Research under literal access, Malaysia
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	UHS	Odd Semester / November 2018	26/11/2018	20/12/2018
BA	UEC	Odd Semester / November 2018	26/11/2018	20/12/2018
BA	UEG	Odd Semester / November 2018	26/11/2018	20/12/2018
BCom	UCM	Odd Semester / November 2018	26/11/2018	20/12/2018
BCom	UCC	Odd Semester / November 2018	26/11/2018	20/12/2018
BBA	UMS	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UMA	Odd Semester	26/11/2018	20/12/2018

		/ November 2018		
BSc	UPH	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UCH	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UBY	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UZY	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UCS	Odd Semester / November 2018	26/11/2018	20/12/2018
BCA	UCA	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UBT	Odd Semester / November 2018	26/11/2018	20/12/2018
BSc	UAS	Odd Semester / November 2018	26/11/2018	20/12/2018
BVoc	UIT	Odd Semester / November 2018	26/11/2018	20/12/2018
BVoc	UAT	Odd Semester / November 2018	26/11/2018	20/12/2018
MA	PTM	Odd Semester / November 2018	23/11/2018	20/12/2018
MA	PEG	Odd Semester / November 2018	23/11/2018	20/12/2018
MSW	PSW	Odd Semester / November 2018	23/11/2018	20/12/2018
MA	PHS	Odd Semester / November 2018	23/11/2018	20/12/2018
MCom	PCM	Odd Semester / November 2018	23/11/2018	20/12/2018
MBA	PMS	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PMA	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	MPH	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PCH	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PBY	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PZY	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PES	Odd Semester / November 2018	23/11/2018	20/12/2018
MLibSc	PLS	Odd Semester / November 2018	23/11/2018	20/12/2018

MSc	PBT	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PAS	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PCS	Odd Semester / November 2018	23/11/2018	20/12/2018
MSc	PIT	Odd Semester / November 2018	23/11/2018	20/12/2018
BA	UHS	Even Semester / May 2019	17/05/2019	01/07/2019
BA	UEC	Even Semester / May 2019	17/05/2019	01/07/2019
BA	UEG	Even Semester / May 2019	17/05/2019	01/07/2019
BCom	UCM	Even Semester / May 2019	17/05/2019	01/07/2019
BCom	UCC	Even Semester / May 2019	17/05/2019	01/07/2019
BBA	UMS	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UMA	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UPH	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UCH	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UBY	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UZY	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UCS	Even Semester / May 2019	17/05/2019	01/07/2019
BCA	UCA	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UBT	Even Semester / May 2019	17/05/2019	01/07/2019
BSc	UAS	Even Semester / May 2019	17/05/2019	01/07/2019
BVoc	UIT	Even Semester / May 2019	17/05/2019	01/07/2019
BVoc	UAT	Even Semester / May 2019	17/05/2019	01/07/2019
MA	PTM	Even Semester / May 2019	11/05/2019	01/07/2019
MA	PEG	Even Semester / May 2019	11/05/2019	01/07/2019
MSW	PSW	Even Semester / May 2019	11/05/2019	01/07/2019

MA	PHS	Even Semester / May 2019	11/05/2019	01/07/2019
MCom	PCM	Even Semester / May 2019	11/05/2019	01/07/2019
MBA	PMS	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PMA	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	MPH	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PCH	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PBY	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PZY	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PES	Even Semester / May 2019	11/05/2019	01/07/2019
MLibSc	PLS	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PBT	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PAS	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PCS	Even Semester / May 2019	11/05/2019	01/07/2019
MSc	PIT	Even Semester / May 2019	11/05/2019	01/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	0	0

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<a href="http://bhc.edu.in/programme_outcome.php">http://bhc.edu.in/programme_outcome.php</a>
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2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UHS	BA	History	45	36	80
UEC	BA	Economics	49	41	83.67

UEG	BA	English	163	154	94.47
UCM	BCom	Commerce	394	346	87.82
UCC	BCom	Commerce CA	76	66	86.84
UMS	BBA	Management Studies	167	156	93.41
UMA	BSc	Mathematics	262	256	97.71
UPH	BSc	Physics	145	138	95.17
UCH	BSc	Chemistry	145	130	89.66
UBY	BSc	Botany	60	59	100
UZY	BSc	Zoology	55	41	74.55
UCS	BSc	Computer Science	355	317	89.9
UCA	BCA	Computer Applications	231	217	93.94
UBT	BSc	Biotechnol ogy & Bioinf ormatics	53	50	94.34
UAS	BSc	Actuarial Mathematical Science	64	59	92.19
UIT	BVoc	B. Voc IT	33	26	78.79
UAT	BVoc	B. Voc AT	45	43	95.56
PTM	MA	Tamil	15	15	100
PEG	MA	English	95	93	97.89
PSW	MSW	Social Work	56	54	96.42
PHS	MA	History	13	13	100
PCM	MCom	Commerce	45	45	100
PMS	MBA	Management Studies	126	120	95.23
PMA	MSc	Mathematics	130	119	91.53
MPH	MSc	Physics	70	61	87.14
PCH	MSc	Chemistry	61	57	93.44
PBY	MSc	Botany	33	33	100
PZY	MSc	Zoology	23	23	100
PES	MSc	Environmen tal Sciences	8	8	100
PLS	MLibSc	Library and Information Science	21	21	100
PBT	MSc	Biotechnol	32	32	100

		ogy			
PAS	MSc	Actuarial Science	23	17	73.91
PCS	MSc	Computer Science	104	99	95.19
PIT	MSc	Information Technology	27	27	100
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://bhc.edu.in/chart.php>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Nill

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. J. Theboral	Summer Research Fellowship	21/04/2018	Indian National Science Academy (INSA)
National	Dr. M. Manikandan	Research Associate Fellowship	01/02/2019	Council of Scientific Industrial Research (CSIR)
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### 3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
International Projects	730	United Board for Christian Higher Education in Asia (UBCHEA)	312720	312720
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0

### 3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Machine Learning Seminar	Computer Science	03/07/2018
INNOVATE 2018 Online Conference	Computer Science	19/07/2018
Database Systems Cyber Security	Computer Science	13/12/2018
Data Exploration Using Python	Computer Science	03/01/2019
IoT Workshop	Computer Science	10/01/2019
Redhat Installation Workshop	Computer Science	24/01/2019
Web Hosting Workshop	Computer Science	01/02/2019
Seminar on APIGEE	Computer Science	17/08/2018
Seminar On Let Us Follow Python	Computer Science	06/09/2018
Seminar On Mobile App Development	Computer Science	12/06/2018
Seminar On Ethical Hacker and future Job Placement	Computer Science	21/01/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Jury	Dr.B. Gayathri	Tutors Pride Ideal Teachers Awards	02/10/2018	National
NPTEL Brand Ambassador Award	Dr. A. Umesh Samuel	IIT, Madras	01/10/2018	National
Amma Viruthu	Dr.B.Gayathri	Amma Foundation Trust, Chennai	31/03/2019	State
READERS CONCLAVE – 2018 (Slogan Writing)	Suganthi Julia B. II MLIS	K.S Rangasamy College of Technology, Tiruchengode	24/08/2018	State
READERS CONCLAVE – 2018(Quiz)	Samuel.R. II MLIS	K.S Rangasamy College of Technology, Tiruchengode	24/08/2018	State
Best Researcher Award	Dr. J. Princy Merlin	zBishop Heber College	15/03/2019	College
Academic Membership	Dr.Vidhya	European Centre for	01/12/2019	Faculty

Certificate		Research Training and Development, UK		
Academic Membership Certificate	Dr.Vidhya	European Centre for Research Training and Development, UK	01/12/2018	Faculty
SALIS - National Best LIS Teacher Award	Dr. S. Ally Sornam	SALIS Alagappa University, Karaikudi	07/09/2018	Faculty
SALIS - Namathu Bharatham Best Paper Award	Dr. S. Ally Sornam	SALIS Alagappa University, Karaikudi	07/09/2018	Faculty
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Entrepreneurship Development Centre	Heber Hygiene Enterprises	Bishop Heber College and Chemistry Department	Entrepreneur Cell	Heber Hygiene Enterprises	23/01/2019
Entrepreneurship Development Centre	Heber Hygiene Enterprises	Bishop Heber College and Chemistry Department	Friends Green Farm	Stall opened by Final Year BBA students inside the campus for selling of Saplings inside the college	11/01/2019
Entrepreneurship Development Centre	Heber Hygiene Enterprises	Bishop Heber College and Chemistry Department	My handcrafts	Making and Selling of handmade Silk thread Jewellery	12/01/2019
Entrepreneurship Development Centre	Heber Hygiene Enterprises	Bishop Heber College and Chemistry Department	Shree MP: The Cake Hub	Making and selling of cakes by II MBA students ( Manish)	01/03/2019
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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Chemistry	3

Computer Application (MCA)	2
Computer Application (UG)	1
Computer Science	3
Economics	2
English	1
Environmental Sciences	3
History	1
Library and Information Science	4
Physics	3
Social Work	3
Tamil	4
Zoology	2
Mathematics	4
Commerce	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
<b>No Data Entered/Not Applicable !!!</b>			
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#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Actuarial Science	7
Chemistry	3
Computer Application (BCA)	6
Computer Application (MCA)	1
Library and Information Science	12
Management Studies	2
Physics	1
Social Work	1
Tamil	3
Zoology	13

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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
<b>No Data Entered/Not Applicable !!!</b>			
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#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the	Name of	Title of journal	Year of	Citation Index	Institutional	Number of
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Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
GCMS Analysis and Antibacterial Activity of different Solvent Extracts of <i>Shuteria involucrata</i>	Senthamizh Selvan N and Isaiah S.	The Journal of Phytopharmacology	2018	0	PG Research Department of Chemistry, Bishop Heber College	0
Phytochemical Analysis of Different Solvent Extracts of <i>Shuteria involucrata</i> From Kolli Hills in India.	Senthamizh Selvan N and Isaiah S	International Journal of Recent Scientific Research	2018	0	PG Research Department of Chemistry, Bishop Heber College	0
Evaluation on Ocular Irritation Potential of Marketed Permanent Hair Colour	Shanmugam Karthikeyan, Samuelraj Isaiah	Journal of Emerging Technologies and Innovative Research. / (online)	2018	0	PG Research Department of Chemistry, Bishop Heber College	0
Assessment on Dermal Irritation Potential of Permanent Hair Colour with paraPhenylenediamine (PPD).	Shanmugam Karthikeyan, Samuelraj Isaiah, Geetha G.N.	Journal of Emerging Technologies and Innovative Research	2018	0	PG Research Department of Chemistry, Bishop Heber College	0
Pronounced luminescence efficiency	Sarala L, Elanthamilan Elaiyappillai, Bella A	Journal of Photochemistry and Photobiology A:	2018	1	PG Research Department of Chemistry,	1

and thermal stability of small imidazole architect 2(1, 4, 5-triphenyl-1H-imidazol-2-yl)phenol for efficient nondoped blue OLEDs		Chemistry			Bishop Heber College	
Effect of Ni <sup>2+</sup> doping on chemocatalytic and supercapacitor performance of biosynthesized nanostructured CuO	Elaiyappillai Elanthamilan, Johnson Princy Merlin	Journal of Materials Science: Materials in Electronics	2018	0	PG Research Department of Chemistry, Bishop Heber College	0
Electrochemical Studies on Tamarindus indica Fruit Shell BioWaste Derived Nanoporous Activated Carbons for Supercapacitor Applications	Elaiyappillai Elanthamilan, Johnson Princy Merlin	Journal of Nanoscience and Nanotechnology	2018	0	PG Research Department of Chemistry, Bishop Heber College	0
A comparative study on conventionally prepared MnFe <sub>2</sub> O <sub>4</sub> nanospheres and templatesynthesized novel MnFe <sub>2</sub> O <sub>4</sub> nanoagglomerates as the	Elaiyappillai Elanthamilan, Johnson Princy Merlin	Electrochimica Acta	2018	0	PG Research Department of Chemistry, Bishop Heber College	0

electrodes for biosensing of mercury contaminations and supercapacitor applications						
Polyaniline based charcoal/Ni nanocomposite material for high performance supercapacitors	E. Elanthamilan, A. Sathiyam, J. Princy Merlin	Sustainable Energy Fuels	2018	4	PG Research Department of Chemistry, Bishop Heber College	4
Cost effective synthesis of a copper/Himidazole@activated carbon metal organic framework as an electrode material for supercapacitor applications	E. Elanthamilan, S. Rajkumar, R. Rajavalli and J. Princy Merlin	New J. Chem	2018	2	PG Research Department of Chemistry, Bishop Heber College	2
Analysis of optical dispersion parameters and electrochromic properties of manganese doped Co <sub>3</sub> O <sub>4</sub> dendrite structured thin films	R. Venkatesh	Journal of Physics and Chemistry of Solids	2018	2	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	1
Jet nebulizer spray coated copper zinc tin sulphide	Dr.C.Ravi Dhas	Journal of Physics and Chemistry of Solids	2018	2	PG Research Department of Physics, Bishop Heber	4

films for low cost platinum free electrocatalyst in solar cells					College, Tiruchirappalli 620017, Tamil Nadu, India	
Harnessing Energy - sharing collision of Manakov solitons to implement universal NOR and OR gates	Dr.T.Kanna	Physical Review E	2018	1	PG and Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, India	1
Lie symmetry analysis and group invariant solutions of the nonlinear Helmholtz equation	Dr.T.Kanna	Applied Mathematics and Computation	2018	2	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	2
Enhanced corrosion resistance and antibacterial activity of ZnHA decorated MWCNTs film coated on medical grade 316L SS implant by novel spray pyrolysis technique.	Dr.K.Vijayalakshmi	Journal of Analytical and Applied Pyrolysis.	2018	1	Research Department of Physics, Bishop Heber College, Tiruchirappalli, Tamilnadu, 620 017, India	0
Substantial effect of magnesium incorporation on hyd	Dr.K.Vijayalakshmi	Journal of Analytical and Applied Pyrolysis.	2018	0	Research Department of Physics, Bishop Heber	0

roxyapatite/carbon nanotubes coatings on metallic implant surfaces for better anticorrosive protection and antibacterial					College, Tiruchirappalli, Tamil Nadu, 620 017, India	
Substantial effect of Pd incorporation on the room temperature hydrogen sensing performance of ZnO/ITO nanowires prepared by spray pyrolysis method	Dr.K.Vijayalakshmi	Journal of Material science materials in electronics	2018	1	Research Department of Physics, Bishop Heber College, Tiruchirappalli 620 017 Tamil Nadu, India	1
Dielectric dispersion and thermodynamical effect of aqueous morpholine by using picoseconds TDR	Dr.D.J.S .AnandKaranakaran	Indian journal of pure and applied physics	2018	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	0
Dielectric dispersion, relaxation and molecular interaction of pyrazine binary mixtures	Dr.D.J.S .Anand Karanakaran	Journal of physics communications	2018	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	0
Dielectric dispersion	Dr.M.Maria Sylvester	Indian journal of pure and	2018	0	PG Research Department	0

and thermo dynamical effect of aqueous morpholine by usig picosecond TDR		applied physics			of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	
Dielectric dispersion , relaxation and molecular interaction of pyrazine binary mixures	Dr.M.Maria Sylvester	Journal of physics communications	2018	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	0
The effects of PVAc on surface morphological and electrochemical performance of P(VdF HFP) - based blend solid polymer electrolytes for lithium ion - battery applications	M.Sasikumar	Ionics	2018	2	PG and Research Department of Physics Bishop Heber CollegeTrichyIndia	1
Influence of hydrothermally synthesized cubic - structured BaTiO3 ceramic fillers on ionic conductivity, mechanical integrity and thermal behavior	M.Sasikumar	The journal of physical chemistry C	2018	1	PG and Research Department of Physics , Bishop Heber College, Tiruchirappalli 620 017, Tamil Nadu, India	1

of P(VDF HFP)/PVAc - based composite solid polymer electrolytes for lithium ion batteries						
Investigation of antimicrobial activity of CTAB assisted hydrothermally derived nano BaTiO <sub>3</sub>	M.Sasikumar	Materials research Express	2018	0	PG and Research Department of Physics , Bishop Heber College,	0
Effect of Ni <sup>2+</sup> doping on chemocatalytic and supercapacitor performance of biosynthesized nanostructured CuO	M. Sasikumar	Journal of Materials Science : Materials in Electronics	2018	0	PG and Research Department of Physics , Bishop Heber College, Tiruchirappalli , Tamil Nadu, India	0
PVDF - HFP based porous polymer electrolyte for lithium battery applications	M.Sasikumar	International journal of science and research (IJSR)	2018	0	PG and Research Department of Physics , Bishop Heber College, Tiruchirappalli , Tamil Nadu, India	0
Structural, Morphological and photoluminescence properties of cerium doped zinc oxide nanoparticles	A. Judith Jayarani	Star international journal	2018	0	PG Department of Physics, Bishop Heber College (Autonomous) , Tiruchirappalli, 620017,	0

prepared by co - precipitation method					India	
Investigation of antimicrobial activity of CTAB assisted hydrothermally derived nano BaTiO <sub>3</sub> A9A94:G97	N. Ananth	Materials research Express	2018	0	PG Department of Physics, Bishop Heber College (Autonomous), Tiruchirappalli, 620017, India	0
Analysis of optical dispersion parameters and electrochromic properties of manganese doped Co <sub>3</sub> O <sub>4</sub> dendrite structured thin films	N. Ananth	Journal of Physics and Chemistry of Solids	2018	2	PG Department of Physics, Bishop Heber College (Autonomous), Tiruchirappalli, 620017, India	1
Phytochemical Investigation and Antimicrobial Activity of <i>Shutteria involucre</i> from Kolli Hills in India	Senthamizh Selvan N and Isaiahs	International Journal of Basic and Applied Research	2019	0	PG Research Department of Chemistry, Bishop Heber College	0
Sonochemically recovered silver	Elanthamilan Elaiyappillai, Sakthivel	Ultrasonics - Sonochemistry	2019	0	PG Research Department of	0

oxide nano particles from the wastewater of photo film processing units as an electrode material for supercapacitor and sensing of 2, 4, 6trichlorophenol in agricultural soil samples	Kogularasu , ShenMing Chen, Muthumariappan Akilarasan , Christy Ezhilarasi Joshua, Princy Merlin Johnson, M. Ajmal Ali, Fahad M.A. AlHemaid, M.S. Elshikh				Chemistry, Bishop Heber College	
DFTTDDFT framework of diphenylamine based mixed valence compounds for optoelectronic applications - Structural modification of ? - acceptors.	Antony Paulraj Bella, Swaminathan Angeline Vedha, Johnson Princy Merlin	Computational Materials Science	2019	0	PG Research Department of Chemistry, Bishop Heber College	0
Fabrication of hierarchical NiCo <sub>2</sub> S <sub>4</sub> @CoS <sub>2</sub> nanostructures on highly conductive flexible carbon cloth substrate as a hybrid electrode material for supercapacitors with enhanced e	Elaiyappillai Elanthamilan, Johnson Princy Merlin	Electrochimica Acta	2019	4	PG Research Department of Chemistry, Bishop Heber College	4

lectrochemical performance						
Couroupita guianensis dead flower derived porous activated carbon as efficient supercapacitor electrode material	Elaiyappillai Elanthamilan, Johnson Princy Merlin	Materials Research Bulletin	2019	0	PG Research Department of Chemistry, Bishop Heber College	0
Tailoring the physical properties and electrochromic performance of nebulized spray coated Co <sub>3</sub> O <sub>4</sub> films through copper doping	Dr.C.Ravi Dhas	Solid State Ionics	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
Electrochromic performance of chromium doped Co <sub>3</sub> O <sub>4</sub> nanocrystalline thin films prepared by nebulizer spray technique	Dr.C.Ravi Dhas	Journal of Alloys and Compounds	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
Jet nebulizer spray coated CZTS film as Pt free electrocatalyst in photo electrocatalytic	Dr.C.Ravi Dhas	Applied Surface Science	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017	0

fuel cells					, Tamil Nadu, India	
Substrate Temperature induced (020) growth facets of nebulizer sprayed BiVO <sub>4</sub> thin films for effective photodegradation of Rhodamine B	Dr.C.Ravi Dhas	Crystal Research and Technology	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
Influence of precursor aging time period on physical and photocatalytic properties of nebulizer spray coated BiVO <sub>4</sub> thin films	Dr.C.Ravi Dhas	Solid State Sciences	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
Novel synthesis of bioactive hydroxyapatite/multiwalled carbon nanotube composite coating on 316L SS implant for substantial corrosion resistance and antibacterial activity	Dr.K.Vijayalakshmi	Journal of Alloys and Compounds	2019	0	Research Department of Physics, Bishop Heber College, Tiruchirappalli, Tamil Nadu, 620017, India	0
Hybrid C	Dr.K.Vij	Physica	2019	0	Research	0

r/TiO <sub>2</sub> /ITO Nanoporous films prepared by novel two step deposition for room temperature hydrogen sensing	ayalakshmi	B : Condensed Matter			Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, Tamil Nadu, India Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, Tamil Nadu, India	
Fe overlaid hybrid TiO <sub>2</sub> /ITO nanocomposite sensor for enhanced hydrogen sensing at room temperature by novel two step process	Dr.K.Vijayalakshmi	Sensors and actuators B : Chemical	2019	0	Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, Tamil Nadu, India	0
Substantial effect of Pd Incorporation in MnO <sub>2</sub> synthesised by spray pyrolysis on MWCNT's/Ta electrode for better H <sub>2</sub> O <sub>2</sub> sensitivity	Dr.K.Vijayalakshmi	Ceramics International	2019	0	Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, Tamil Nadu, India	0
Substantial effect of palladium overlaid	Dr.K.Vijayalakshmi	Ceramics International	2019	0	Research Department of Physics, Bishop Heber	0

deposition on the H2 sensing performance of TiO2/ITO nanocomposite					College, Tiruchirappalli, 620 017, Tamil Nadu, India	
Second and Third - order NLO response of 2 - amini - 5 - nitropyridium tetr afluoroborate	Dr.M.B.Jessie Raj	Optik	2019	0	Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	0
Importance of relaxation dynamics by dielectric correlation with calorimetric analysis and spectral implications of amino acid complex in solution state	Dr.D.J.S .Anand Kar unakaran	Journal of molecular liquids	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	0
Growth and Optical properties of BisThiourea Sodium Cadmium chlorideA nonlinear optical Crystal.	A.Anitha	IOSR Journal of Applied Physics	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620 017, India	0
Molecular dynamics and dielectric relaxation	Dr.M.Maria Sylvester	Chemical Physics Letters	2019	0	PG Research Department of Physics, Bishop	0

by DRS, calorimetric analysis and spectral inferences of amino acid complexes					Heber College, Tiruchirappalli, 620017, India	
Importance of relaxation dynamics by dielectric correlation with calorimetric analysis and spectral implications of amino acid complex in solution state (Accepted)	Dr.M.Maria Sylvester	Journal of molecular liquids	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620017, India	0
Substrate Temperature induced (020) growth facets of nebulizer sprayed BiVO <sub>4</sub> thin films for effective photodegradation of Rhodamine B	K.C.Mercy Gnana Malar	Crystal Research and Technology	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620017, India	0
Growth and Characterization in Vitro Antimicrobial Activity of Oxalic Acid Derived Copper Complex of	F.Daisy Selasteen	IOSR Journal of Applied Physics (Communicated)	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu,	0

Non Linear Optical Crystal					India	
Growth and Optical properties of BisThio urea Sodium Cadmium chlorideA nonlinear optical Crystal.	F.Daisy Selasteen	IOSR Journal of Applied Physics	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli620017, Tamil Nadu, India	0
Synthesis And Characterization In Vitro Antimicrobial And Cytotoxicity Testing Of Oxalic AcidDerived Cadmium Chelating Agents.	F.Daisy Selasteen	International Journal of Pharmacy and Pharmaceutical Sciences	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli620017, Tamil Nadu, India	0
Substrate Temperature induced (020) growth facets of nebulizer sprayed BiVO4thinfilms for effective photodegradation of Rhodamine B	D. Arivukarasan	Crystal Research and Technology	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli620017, Tamil Nadu, India	0
Enhanced blue - light emission on Cd0.9 - xZn0.1CrxS (0 ≤ x ≤ 0.05) quantum dots	I. Devadoss	Ceramics international	2019	1	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli620017	0

					, Tamil Nadu, India	
Tailoring the physical properties and electrochromic performance of nebulized spray coated Co <sub>3</sub> O <sub>4</sub> films through copper doping	R. Venkatesh	Solid State Ionics	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
Electrochromic performance of chromium doped Co <sub>3</sub> O <sub>4</sub> nanocrystalline thin films prepared by nebulizer spray technique	R. Venkatesh	Journal of Alloys and Compounds	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
Substrate Temperature induced (020) growth facets of nebulizer sprayed BiVO <sub>4</sub> thin films for effective photodegradation of Rhodamine B	Dr. C. Ravi Dhas	Crystal Research and Technology	2019	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India	0
HRGO-Co@SnO <sub>2</sub> Nanocomposite for Electrochemical Detection of	Elaiyappillai Elanthamilan, Johnson Princy Merlin	Journal of Electronic Materials	2019	0	PG Research Department of Chemistry, Bishop Heber	0

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	Dr. K. Sukumar	NA	2019	3	0	PG Research Department of Chemistry, Bishop Heber College, Tiruchirappalli 620017
NA	Dr.R.Sharmila	NA	2019	1	6	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.J.Theboral	NA	2019	10	230	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.R.Sriram	NA	2019	2	43	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.Daniel Andrew	NA	2019	6	77	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.N.Ben	NA	2019	4	83	

	jamin					Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.K.Akila	NA	2019	4	28	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.M.Rajadurai	NA	2019	4	75	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.Rajasudhakar	NA	2019	5	53	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Dr.Harihar	NA	2019	4	53	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
NA	Princy Merlin Johnson	NA	2019	12	399	PG Research Department of Chemistry, Bishop Heber College, Tiruchirappalli620017
NA	Isaiah S	NA	2019	1	0	PG Research

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Dr. J.  
Richard  
Premkumar

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NA	Dr. Swinton Darius	NA	2019	2	0	PG Research Department of Chemistry, Bishop Heber College, Tiruchirappalli620017
NA	Dr.V.Violet Dhayabaran	NA	2019	5	82	PG Research Department of Chemistry, Bishop Heber College, Tiruchirappalli620017
NA	Dr.M.B.Jessie Raj	NA	2019	2	5	Department of Physics, Bishop Heber College, Tiruchirappalli, 620017, India
NA	Dr.D.J.S.AnandKaranakaran	NA	2019	1	0	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli, 620017, India
NA	M. Sasikumar	NA	2019	2	9	PG and Research Department of Physics Bishop Heber CollegeTrichyIndia
NA	D. Arivukarasan	NA	2019	2	8	PG Research Department of Physics,

						Bishop Heber College, Tiruchirappalli 620017, Tamil Nadu, India
Phytochemical Analysis Of Leaf And Stem Of Hydnocarpus Pendandra (Buch.Ham.) Oken (Achariaceae)	Dr.V.Anand Gideon	Journal of Emerging Technologies and Innovative Research	2019	0	0	Bishop Heber College
Preliminary Phytochemical And Anti Fungal Analysis Of Bark, Stem And Leaves Of Premna Pausinervis (C.B. Clarke) Gamble (Lamiaceae)	Dr.V.Anand Gideon	Journal of Emerging Technologies and Innovative Research	2018	0	0	Bishop Heber College
NA	Dr.R.Jasmine	NA	2019	9	267	Department of Biotechnology, Bishop Heber College, Tiruchirappalli
Pharmacognostical And Preliminary Phytochemical Profile Of The Leaf Extracts Of Embelia Ribes Burm. F.	Dr.V.Anand Gideon	Journal of Pharmacognosy and Phytochemistry	2018	0	0	Bishop Heber College
Anatomical	Dr.V.Anand	International	2018	0	0	Bishop Heber

And Phytoc hemical In vestigatio n Of Embelia Ts jeriamCott am (Roem. Schult.) A.Dc.	Gideon	Journal of Pharmacy and Biological Sciences				College
Couroupita guianansis dead flower derived porous activated carbon as efficient supercapac itor electrode material	Dr. Vijayan	Materials Research Bulletin	2018	0	0	Bishop Heber College
Histoche mical and antimicrob ial activity of Lamiaceae plants(Ani somelles indica, Hyptis suaveolens, Leonotis n epetaeolia and Leucas aspera)	Dr.C.Sat hya	European Journal of Pharmaceut ical and medical research	2018	0	0	Bishop Heber College
Invitro studies of Ocimum sanctum using various plant growth regulators	Prof.K.P .Deepa	Internat ional journal of Multidicip liinary research	2019	0	0	Bishop Heber College
The micro prop agation study of Eryngium foetidum L, using various	Prof.K.P .Deepa	Internat ional Journal of Research in Advent Technology	2019	0	0	Bishop Heber College

plant growth regulators						
NA	Dr.J.G.R. Sathiaseelan	NA	2019	8	149	Bishop Heber College
NA	Dr. K. Rajkumar	NA	2019	7	249	Bishop Heber College
NA	Prof.G.Sobers Smiles David	NA	2019	1	4	Bishop Heber College
NA	Dr. B. K arthikeyan	NA	2019	2	15	Bishop Heber College
NA	Dr. G. I sacGnanaraj	NA	2019	2	13	Bishop Heber College
NA	Dr. M. Jayakumar	NA	2019	1	6	Bishop Heber College
NA	Dr. B. Gayathri	NA	2019	1	11	Bishop Heber College
NA	C. Linda Hepsipa	NA	2019	1	4	Bishop Heber College
NA	Dr.C.Ravi Dhas	NA	2019	15	195	PG Research Department of Physics, Bishop Heber College, Tiruchirappalli620017, Tamil Nadu, India
NA	Dr.T.Kanna	NA	2019	15	122	PG and Research Department of Physics, Bishop Heber College, Tiruchirappalli620017, India

NA	Dr.K.Vij ayalakshmi	NA	2019	14	149	PG Research Department of Physics, Bishop Heber College, T iruchirapp alli, Tamilnadu, 620 017, India
NA	Christy Ezhilarasi Joshua,	NA	2019	1	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	A. Sathiyam	NA	2019	6	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	Dr. K. Sukumar	NA	2019	3	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	Dr. J. Richard Premkumar	NA	2019	9	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	Dr. J. Lakshmi Praba	NA	2019	6	0	PG Research Department

						of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	Dr. Rupesh N Prabhu	NA	2019	10	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	Dr. N. Radhika	NA	2019	1	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
NA	Dr. Swinton Darius	NA	2019	2	0	PG Research Department of Chemistry, Bishop Heber College, T iruchirapp alli620017
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	70	54	5	91
Presented papers	138	24	15	42
Resource persons	6	6	19	37
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### 3.5 – Consultancy

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

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)

Bishop Heber College and Chemistry Department	NA	Entrepreneurship Development Centre - Heber Hygiene Enterprises	420000
Bishop Heber College	Sample Analysis (Internal and External)	Heber Analytical Instrumentation Facility (HAIF)	281325
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Dr. M. Lovelin Ponn Feliciah, Computer Application	Microsoft Certification	MACS Academy	240000	40
Dr. J.Jasmine Christina Magdelene, Computer Application	Microsoft Certification	MACS Academy	240000	40
Mrs. T.Cynthia, Computer Application	Microsoft Certification	MACS Academy	240000	40
Dr. J. Princy Merlin, Head, Dept. of Chemistry, BHC	Hands on Training Program	Nil	11400	1
Dr. G. Solaraj, Technical Officer and G.Manoji, Technical Assistant, HAIF, BHC	One Day Hands on Training Program	Nil	15350	2
Dr. K. Vijayalaksmi Assistant Professor Dr. M. B. Jessie Raj Assistant Professor, Department of Physics,	Summer Internship	Nil	10000	2
Dr. R.Thamarai selvi, Computer Application	Microsoft Certification	MACS Academy	240000	40
Dr.	Microsoft	MACS Academy	240000	40

H.B.Vincent Raj, Computer Application	Certification			
Dr. B.Arputhamary, Computer Application	Microsoft Certification	MACS Academy	240000	40
Mrs. Pearly Charles, Computer Application	Microsoft Certification	MACS Academy	240000	40
Dr. M.S.Mythili, Computer Application	Microsoft Certification	MACS Academy	240000	40
Dr. A.Florence Deepa, Computer Application	Microsoft Certification	MACS Academy	240000	40
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### 3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
National Children's Day - Childline Se Dosti Celebration	Childline Nodal Organization	5	52
Resource Organization Meeting	Childline Nodal Organization	7	68
Child Rights in Digital India	Childline Nodal Organization	5	60
Role of Counselling for Children in Need of Care and protection	Childline Nodal Organization	4	48
Workshop for School - Educators at Tiruchirappalli	Childline Nodal Organization	5	55
Child Labour	Childline Nodal Organization	2	67
Child Marriage Prohibition Act	Childline Nodal Organization	4	53
Outreach Programme	TELC Higher Secondary School	2	150
Awareness run for OMFS	Maxillo Facial surgeons of India	2	200

Female child protection	Manikandam Social welfare Dept.	1	25
Female child protection	Podhavur Social welfare Dept.	2	30
Gandhi Quiz Fest	All India Radio	1	200
Distribution of aids and assistive devices for the persons with disabilities	Indian Oil Corporation Limited	1	15
Movie Club for Gaja	District Disaster Management NSS	25	50
Iron Lady Indira	District Film Organizer	2	70
Talk on water Resource and its Management	NSS camp at Bharathidasan University	2	240
Voluntary Blood Donation Camp	M.G.M Govt. Hospital, Trichy.	1	7
Voluntary Blood Donation Camp	Doctor's Diagnostic Centre, Trichy, Good Samaritan Club Youth Red Cross	3	200
Health Awareness Programme in Adopted Villages	M.G.M Government Hospital, Primary Health Care Centre, Trichy	2	60
Helmut Awareness Rally	Police Department	2	100
Prist University Exhibition on 'Green India	Prist University	2	24
Quize competition among 4th and 5th standard students on Solid waste Management	Students Exnora and Heber quize club	2	35
Awareness Speech on 'Solid Waste Management', Anthanallur village	Students' ExNoRa club, Rotaract Club and BHC PartV Extension Wing	4	25
How to make the Clean And Green Environment in our Area	Trichirapalli district exnora, youth exora international	2	30
Cancer awareness programme	YRC Dept. of Social work Harshamithra Hospital	3	50

Old age home visit	YRC/Dept. of Social Work	1	10
Outreach Programme	Govt. School, Pennadam.	2	54
Awareness Programme	Blind School Visit(Boys), Mannarpuram, Trichy.	2	38
Awareness Programme	Blind School Visit(Girls), Mannarpuram, Trichy.	2	32
Meaningful Christmas (Food Donation for Christmas)	Streets of Railway Junction and Central Bus Stand, Trichy	1	25
Observance of World Environment Day	The nature nurture trust, TOSS, Agrofarm, Isha Green Hands, Vanamsei	12	30
Social Outreach and Extension Activity	RC middle School Somarasampettai	12	260
Computer Literacy program for school Children	Dept of Extension Activities	3	15
Miracles of chemistry An Extension Programme to School Children	Government High School, Kavalkaranpatti	4	31
Miracles of chemistry: Extension Programme to School Children	Government High School, Balasamudrapatti	3	45
Training Programme for Nurses	Department of English and GVN Hospital	2	50
Outreach	Departments	2	60
Assistance to Anbalayam Orphanage	Departments	2	17
Basics of MSOffice	Schwartz Primary and Nursery School located at Teppakulam, Trichy2.	1	11
Meaningful Christmas	Bishop Heber College, Trichy	15	60
Basic Science Concept Exhibition	Govt. Hr. Sec. School, Pothavur	3	65

Hands - on experience on Physics Practicals	St.John's Vestry A.I. Hr.Sec. School, Trichy	5	60
Outreach	Shanthi Nilayam, Vengamedu, Karur	11	34
Consultation Meeting for Stake Holders	Childline Nodal Organization	7	62
World day Against Child Labour Awareness At District Level	Childline Nodal Organization	12	450
Childline Services Child Labour	Childline Nodal Organization	2	350
Child rights Child Protection	Childline Nodal Organization	2	105
Child Marriage Child Protection	Childline Nodal Organization	8	55

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Life Time Acheivement Award	tamil kurusil sirapparam (Virudhu)	Thamizharan Maanavarkal Thamilppeyar Thamilp Pengal Seyarkalam	70
conducted jci week successfully in trichy zone in the year 20182019	Best Outstanding CoOrdinator Award	Jci Rocktown Trichy	180
All India Vayu Sanic camp	Gold in Drill	Indian Government	1
Extension Activity	Best Community Service Award 201819	Management	200
Awareness on solid waste Management	Environ Crusader Award	Tamilnadu Youth Exnora International club	50
Avoid Plastic Rally and Activity	Outstanding supporting Institution AWARD 2018	Tiruchirappalli District Youth Exnora Club	150
Awareness on solid waste management Avoid Plastic Rally Activity	Outstanding ExNoRa Staff Advisor Award '2018	Tiruchirappalli District Youth Exnora Club	150

International Thirukkural Conference	Lifetime Achievement Award	Malaysia University Kolalambur, Malaysia	150
Best Research	,sk jkpo Mathsh tpUJ (Ilam Thamil Aaaivalar Viruthu)	Tamilnadu Government	40
Best Research	Best paper Award	Bishop Heber College Trichy	150
National Service Scheme	Best NSS Programme Officer	Bharathidasan University	600
EXNORA	Outstanding Exnora Staff Advisor Award 2018	International	275
International Thirukkural Conference	Life Achievement Award	Malaysia University Kolalambur, Malaysia	150
Writing Short stories	Kavithai Uravu	Prize for Best Book Publication 420 E, Malar Kudiyiruppu, Chennai 600040	50
Writing Short stories	Ilakkiya Viruthugal (Sirugathai)	Tamil Nadu Ariviyal Iyakkam, Pudukkottai	60
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
National Service Scheme	National Service Scheme	NSS Award	6	1
Nadtional Cadet Corps	Nadtional Cadet Corps	Certificate B	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	Certificate B	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	Battalion Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional	Nadtional	CATC CUM VSC	2	1

Cadet Corps	Cadet Corps	Training		
Nadtional Cadet Corps	Nadtional Cadet Corps	Vayu Saink, Training Camp	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	CATC CUM VSC Training	2	1
Nadtional Cadet Corps	Nadtional Cadet Corps	Vayu Saink, Training Camp	2	1
Unnadh Bharat Abhiyan	Anti Corruption Club	Inauguration of UBA Programme	67	100
Unnath Bharath Abhiyan	Consumer Club	Digital Baseline survey	1	48
Extension Wing	Gender Sensitization Club, BHC Govt. of India	National girl child celebrations	2	20
Extension Wing	Indian Heritage Foundation Good Samaritan Club	Intergenerational Bonding	2	150
Swatch Bharath	Trichy Corporation Junior Jaycees Club, BHC	swatch bharath app launching	1	20
Human Trafficking Awareness Rally	Legal Literacy Club District Legal Services Authority, Tiruchirappalli	Child Trafficking	2	100
Lok Adalat	Legal Literacy Club District Legal Services Authority, Tiruchirappalli	Pamphlet writing	1	5
Swachh Bharat	Legal Literacy Club District Legal Services Authority, Tiruchirappalli	Eradication of plastic	2	50
Legal Aid	Legal	Counselling	2	10

Clinic	Literacy Club District Legal Services Authority, Tiruchirappalli	Session		
Swachh Bharat	Trichy City Corpoation	Plastic Free	1	20
Swachh Bharat	NCC AirWing Blflight	Swachh Bharat	1	10
Indian Philatelic Society Visit	India Postal Service	workshop	1	50
Postal Audi Visual show	India Postal Service	Exhibition	1	75
Make My Own Stamp	India Postal Service	Workshop	1	80
AIDS Awareness	TANSAC Bharathidasan University, Trichy	A MEME A DAY AIDS Awareness	1	10
Swatch Bharath	Red Ribbon Club	Unnath Bharath Abiyan	1	10
Government	Road Safety Club	World Yoga Day	2	100
Government	Road Safety Club	Child Trafficking Rally	2	100
Government	Road Safety Club	Don't Use Plastic Rally	2	200
School	Road Safety Club	Road Safety Awareness Programme	1	50
School	Road Safety Club	Road Safety Week Awareness Programme	2	50
School	Road Safety Club	Road Safety Week Awareness Programme	2	50
Extension Wing	Red Ribbon Club, Sudent Exnora TN AIDS control wing	AIDS Awareness Rally	7	600
Swachh Bharat	Trichy district Panchayat Union	Avoid Plastic and Keep Clean And Live Green	1	100
Swatch Bharath	Tiruchirappalli Municipal Corporation Tourism and Heritage Club,	Cleaning the Park	2	2

**3.7 – Collaborations**

## 3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Dr.Veerappan Mani National Taipei University, Taiwan "	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Dr. P. Ravichandran, Chonbuk national university "	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Fahad M. A. Al-Hemaid King saud University "	Self	45
National level Collaboration For Research Publication	Dr. J. PrincyMerlin & Prof. Shen Ming Chen National Taipei University, Taiwan	Self	45
National level Collaboration For Research Publication	Dr. J. PrincyMerlin & PalanisamySanthoshkumar , Sunchon National University	Self	45
National level Collaboration For Research Publication	Dr. J. PrincyMerlin & Prof. Sea Fue Wang, National Taipei University, Taiwan	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Yasuhiro Hayakawa Shizuoka University, Japan "	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Dr.Sudhesh Kumar University Sains Malaysia "	Self	45
National level Collaboration For Research Publication	"Dr. I. Sharmila Lydia & Dr.Sudhesh Kumar University Sains Malaysia "	Self	45

National level Collaboration For Research Publication	"Dr. I. Sharmila Lydia & Dr. Rajaram Marine Bio-Technology, Bharathidasan University "	Self	45
National level Collaboration For Research Publication	"Dr.ShameelaRajam & A. Ganesh Kumar Department of Marine Science, Bharathidasan University "	Self	45
National level Collaboration For Research Publication	Dr. J. PrincyMerlin & Dr.AsirObadhia, Karunya University	Self	45
National level Collaboration For Research Publication	"Dr. A. Sathyan & Dr.Veerappan Mani and Prof. Shen Ming Chen National Taipei University, Taiwan "	Self	30
National level Collaboration For Research Publication	Dr. Violet Dhayabharan & Dr. Manikandan Dept. of Biotechnology VIT, Vellore "	Self	45
National level Collaboration For Research Publication	"Dr. Violet Dhayabharan & Dr.Jayakanthan Dept. of Biotechnology Alagappa University, Karaikudi"	Self	45
National level Collaboration For Research Publication	"Dr. Violet Dhayabharan & Dr. Parthasarathy Dept. of Bioinformatics Bharathidasan University"	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Chellamuthu Muthamizha chelvan SRM University "	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Prof. SamuelVasantha Kumar Karunya University "	Self	45
National level Collaboration For	"Dr. J. PrincyMerlin & Dr.	Self	45

Research Publication	S. Sundramanoharan Sathyabama University "		
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Parameswar Krishnan Iyer & PeddaboodiGopikrishna IIT Guwahati "	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & C. Unni TKM college of Engineering "	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Dr. Rajaram Marine Bio-Technology, Bharathidasan University "	Self	100
National level Collaboration For Research Publication	" Dr. J. PrincyMerlin & Dr. Judith Vijaya, Loyola College, Chenna "	Self	45
National level Collaboration For Research Publication	Dr. J. PrincyMerlin & Dr. Vijay Solomon, Madras Christain College	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Dr.JaccobMadhavan Loyola College, Chennai"	Self	45
National level Collaboration For Research Publication	"Dr. J. PrincyMerlin & Dr. Austin Sugantharajan Department of Energy, Madras University, Chennai "	Self	45
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Summer		National	02/05/2018	26/06/2018	1

Project	Passivation, Carbonization agent and purification free synthesis of Carbon departments from 1,5hexadiene by Hydrothermal method.	Centre Ultrafast Process (NCUP), Chennai			
Summer Project	Synthesis of witting Olefins and its application towards Chalcons	ILSER, Bhopal	20/05/2018	20/06/2018	1
Internship	Quality of Paints	Carboline India Pvt Ltd.	07/05/2018	17/05/2018	1
Internship	Industries for Internship	DLK Technologies, Vadapalani, Chennai.	07/05/2018	08/06/2018	1
Implant Training	Chemicals usage in Textiles dyeing process	Thirumagal Dyeing works, Karur 639 008	07/05/2018	11/05/2018	1
Implant Training	Paper manufacturing	GVG Paper Mills Pvt. Ltd, Tirupur	14/05/2018	25/05/2018	3
Implant Training	Paper manufacturing.	GVG Paper Mills Pvt. Ltd, Tirupur.	14/05/2018	25/05/2018	3
Implant Training	Soft skill and Communication English development.	BHC Campus Abnersoft Company	04/05/2018	14/05/2018	1
Implant Training	Fabric Dyeing	A. K. Knitting, Tirupur	22/05/2018	26/05/2018	1
Implant Training	Sugar Processing Technology Chemical usage in Textiles dyeing process	Kachirapalayam Sugar Mills, Villupuram District. And Thirumagal	01/01/2018	01/02/2018	1

		Dyeing Works, Karur			
Implant Training	HPLC - MASS Technology	Karunya Institute of Technology, Coimbatore	07/05/2018	11/05/2018	1
Training Programme	CSIR Coaching	RJSF Foundation	21/05/2018	26/05/2018	1
Hands on training programme	Bioprospecting Instrumentation methods Phytocchemical analysis	IFGTB, Coimbatore	01/01/2018	01/04/2018	1
Internship	Artificial Intelligence with Akash Shukla	KSIT Institute of Technology, Bengaluru.	22/01/2018	23/01/2018	1
Internship	Chromatography in food safety (Pesticides)	ICAR NRL	05/05/2018	24/05/2018	1
Internship	Electro planting	Wendt India Ltd, Sipcot , Hosur.	09/05/2018	10/07/2018	1
Internship	Screening of secondary Metabolites from fungal Species using LCQToF	ICAR NRL, Pune	21/05/2018	25/06/2018	1
Internship	Quality of Paints	Carboline India Pvt Ltd, Chennai	09/05/2018	10/07/2018	1
Internship	Preparation of Carbon Based Martial	Gandhigram Rural University, Dindigul	07/06/2018	16/06/2018	1
Internship	Quality Controls	Carboline India Pvt Ltd, Ambattur, Chennai	07/05/2018	17/05/2018	5
Summer Project IASINANASI Fund	Dioxygen Activation	North Eastern Hills University, Meghalaya	04/05/2018	28/06/2018	1
Summer Project	Project oriented Chemistry	Jawaharlal Nehru Centre for Advanced	06/05/2018	31/05/2018	1

	Education	Scientific Research, Bengaluru			
Summer Project	Organo metallics	Indian Institute of Technology, Hyderabad	06/05/2018	31/05/2018	1
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
SYSTECH Hardware and Networking Private Limited	07/01/2019	Curriculum Development, Student Internship, Industrial Consultancy Expert Committees and implant training and industrial visit	0
MAHSA University, Malaysia	25/02/2019	Research Collaboration, Staff and students exchange programme, to conduct seminars, conferences and symposia.	260
Swansea University, United Kingdom	15/11/2018	Exchange of Knowledge	0
National Institute of Pharmaceutical Education and Research (NIPER), Kolkata	30/11/2018	Exchange of Knowledge	0
Anugraha Institute of Social Sciences, Dindigul	21/02/2019	Counselling Training and Staff Development	7
Binary University, Malaysia	31/01/2019	Academic and Business Collaboration	6
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#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
--	--

18239977

18239977

## 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
No file uploaded.	

## 4.2 – Library as a Learning Resource

## 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NIRMALS (Network Information Resource Management of Academic Library Systems)	Fully	NIRMALS ProTM 2.2.0	2004

## 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	106621	24964855	2967	1729321	109588	26694176
Reference Books	12619	2882709	329	192146	12948	3074855
e-Books	3173159	42000	0	0	3173159	42000
Journals	298	1076344	21	65000	319	1141344
Digital Database	6374	24000	0	0	6374	24000
Library Automation	0	6000	0	6000	0	12000
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## 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives &amp; institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

### 4.3 – IT Infrastructure

#### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1080	8	1	1	830	50	200	100	0
Added	115	2	0	0	115	0	0	100	0
<b>Total</b>	<b>1195</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>945</b>	<b>50</b>	<b>200</b>	<b>200</b>	<b>0</b>

#### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

#### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
<b>No Data Entered/Not Applicable !!!</b>	

### 4.4 – Maintenance of Campus Infrastructure

#### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
10247949	10247949	4358744	4358744

#### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The institution meticulously works in ways towards allocation and utilization of the available financial resources for maintenance and preservation of different facilities by holding regular meetings of various committees constituted for this resolution. The Heber Analytical Instrumentation Facility (HAIF) has been established to impart quality higher education and conduct advanced research. The college has received the grants from UGC, DST SERB, DBT, DST FIST and Ministry of Food Processing Industries (MOFPI) New Delhi to augment the facilities of the Science Departments and the common instrumentation centre. The centre is equipped with sophisticated Analytical equipment's that facilitates students and researchers of Bishop Heber College, other academic institutions and industries. The Institution maintains laboratory equipment by standardisation and maintenance done by the technicians of related owner enterprises. The High Quality Modular Lab Furniture and Equipment used for experiments are cleaned and maintained by the concerned departments and record of maintenance is maintained by lab technicians and supervised by HODs of the concerned departments. Moreover there is systematic disposal of waste of all types such as biodegradable chemical/chemical and e-waste. The College Library ensures that no document or book or thesis or journal is lost or mutilated. Stacking, shelf arrangement, cleaning, shelving, stock verification and weeding of unwanted material are a few among the regular routines to safeguard the resources in the library. The library also propels the utilization of resources like INFLIBNET NList, Consortium for Educational Communication (CEC) and National Digital Library of India (NDL). To ensure

return of books, 'no dues' from the library is mandatory for students before appearing in exam. Along with this, a proper account of visitors (students and staff) on daily basis is maintained. The Institution invests periodically towards the indoor and outdoor athletic maintenance. Regarding the maintenance of indoor badminton, shuttle court, table tennis court and gym in the college, sportsincharge and coaches are consulted. In their guidance accomodates are arranged. Preventive maintenance program for ground surfaces are systematically carried out. Some of this maintenance are required for aesthetics but mostly it is completed to promote player and spectator safety. Funds are used to maintain computers in the centralized computer laboratories of our college. Computer maintenance through AMC is done regularly and it involves the installation, upkeep, repair and security of computer equipment and networks. Nonrepairable systems are disposed of. The institution takes much care of the smart class rooms and provides maintenance whenever there is a demand in infrastructure. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipment. Everyday sweepers clean the classrooms.

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Student Helpline Noon Meals Scheme, Reimbursement of Tuition Fees Concession to Staff Children, Alumni Scholarship Help A Friend Project - Department of Mathematics, Teach and Reach - Department of Chemistry	1783	7130155
Financial Support from Other Sources			
a) National	BC/MBC/DNC/SC/ST/ SCC - Govt. Scholarship HESS Govt. Scholarship/ Rajiv Gandhi Fellowship Moulana Azad Fellowship/ Junior Research Fellowship	1228	13776023
b) International	NA	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
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Personal Counselling	19/07/2018	6	Department of Computer Application Student Counselling Centre, BHC, Trichy.
Personal Counselling	17/08/2018	80	Department of Biotechnology Student Counselling Centre
Mentoring	18/01/2019	573	Department of Biotechnology
Remedial Coaching	22/02/2018	22	Department of Botany
Yoga training	13/12/2018	69	Shri Jeyaranga Nature Cure Hospital
Orientation	04/07/2018	79	Department of Botany
Bridge Course, Botany	26/07/2018	40	Department of Botany
Bridge Course, Botany	02/08/2018	40	Department of Botany
Analytical Techniques Instrumentation for Chemists	07/12/2018	120	DBT Star Scheme CE Grant,
Special Lecture on Carrier Opportunities	05/10/2018	150	Department of Chemistry
Student Counselling	01/12/2018	80	Department of Chemistry Student Counselling Centre
Mentoring	11/12/2018	658	Department of Chemistry
Enrich Remedial Coaching	04/02/2019	74	Department of Chemistry
Bridge Course, Commerce	25/06/2018	137	Department. of Commerce
Counselling	18/06/2019	145	Psychiatrist Student Counselling Centre
Soft Skill Development	05/03/2019	200	Times group of education, Ministry of Labour and Employments and, Trichy Plus Social Trust
Spoken English	26/07/2018	60	Department of History
Remedial coaching	01/06/2018	25	Department of

			Mathematics
Heber Finishing School, (Soft Skill Training for MBA Students)	18/02/2019	52	Department of Management Studies
English Language Learning through CALL	01/06/2018	3180	Language Lab
Life skills	01/07/2018	240	Students Service Centre
Bridge course, Physics	26/07/2018	56	Department of Physics
Bridge course, Physics	16/07/2018	68	Department of Physics
Bridge course, Physics	11/07/2018	66	Department of Physics
Orientation Programme on Mathematical Physics	24/07/2018	72	Department of Physics
Advance Research Methodology	10/12/2018	56	Department of Social Work
Bridge courses	02/07/2018	61	Department of Social Work
National Eligibility Test, Tamil	18/12/2018	30	Department of Tamil
Language Lab	01/06/2018	3766	Language Lab
Soft Skills	01/01/2018	130	Department of English
Remedial Counselling	01/01/2018	48	Department of English
Personal Counselling	01/01/2018	65	Department of English
Seminar on Study Abroad	05/09/2018	83	Deanery of International Relations
IELTS Orientation	05/12/2018	73	Deanery of International Relations
India - United States Relations	07/12/2018	67	Deanery of International Relations
American Transfer Programme	22/01/2019	84	Deanery of International Relations
Admission Promotion Meeting (NRI Northeast Students)	03/02/2019	54	Deanery of International Relations

Interaction with Prof. Gerald Pillay, Vice Chancellor, Liverpool Hope University, UK	22/02/2019	65	Deanery of International Relations
Cultural and Environmental Field Exposure Programme	15/03/2019	34	Deanery of International Relations
Innovative Research Convention	04/03/2019	500	Deanery of Academics
Students Interaction with Principal	29/01/2019	50	Deanery of Academics
Opportunities Unlimited	12/09/2018	50	Deanery of Staff and Student Welfare
AntiRagging	19/12/2018	62	Deanery of Staff and Student Welfare
Legacy	13/07/2018	46	Deanery of Staff and Student Welfare
Super Hero - 2018	10/08/2018	750	Deanery of Staff and Student Welfare
A Healthy Diet for a Healthy Life	25/09/2018	800	Deanery of Staff and Student Welfare
Poly Cystic Ovary Syndrome	26/09/2018	350	Deanery of Staff and Student Welfare
Shelter	23/01/2019	35	Deanery of Staff and Student Welfare
ZIREH	28/01/2019	35	Deanery of Staff and Student Welfare
InsideOut...	06/02/2019	32	Deanery of Staff and Student Welfare
Poly Cystic Ovary Syndrome	21/02/2019	65	Deanery of Staff and Student Welfare
Violence against Women	05/03/2019	128	Deanery of Staff and Student Welfare
Imparting Spiritual Values and Ethics	09/07/2018	1000	Religious Life Committee
Imparting Spiritual Values and Ethics	18/07/2018	50	Religious Life Committee
Spiritual Leadership Programme	13/08/2018	2000	Religious Life Committee
Heber Harmony : Inter Departmental Fellowship	15/07/2018	500	Religious Life Committee
Relief Work at	19/02/2019	100	Religious Life

Gaja Cyclone Hit Areas			Committee
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Coaching for IFOA IAI, Actuarial Sciences	0	0	18	0
2018	CSIR NET exam preparation by Pace Academy (Bio-technology)	350	0	1	0
2018	Consortium for Clinical Research, Bio-technology	0	81	0	42
2018	Coaching for CSIR-NET, Botany	18	0	0	0
2018	Coaching for CSIR-NET, Chemistry	30	0	0	30
2018	Coaching for IIT JAM, Chemistry	60	0	4	0
2019	Career Guidance, Chemistry	0	50	0	0
2019	SPARK-Higher Studies and Research Opportunities for Chemistry Graduates in India & Abroad, Chemistry	0	48	0	0
2019	NET / SET coaching, Library &	30	0	2	1

	Inf. Science				
2019	NET/SET &, JAM coaching, Mathematics	8	0	0	0
2019	Coaching class for GATE /NET/SET, Physics	20	0	0	0
2019	NET Coaching, Social Work	25	0	0	0
2019	CarEer Counselling, Social Work	64	0	1	0
2019	NET/SET Coaching, Computer Science	18	0	1	1
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
45	5819	474	HCL TVS Insurance, Infosys, Techindia Infoway Pvt. Ltd, Infosys, Wipro, Infodesign, KG Information Systems Private Limited Coimbatore, Ajira Tech Pvt Ltd Chennai, , Kaar	22	123

Technologies  
hennai,  
Kotak Life  
Insurance,  
IDBI Life  
Insurance,  
OPPO  
Mobiles,

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	0	UG	Actuarial Mathematical Science	Christ University, B.S. Abdul Rahman University, Bishop Heber College	M.Sc. Actuarial Science

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	11
CAT	6
Any Other	21

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

Activity	Level	Number of Participants
Football: State Level invitation InterCollegiate Football Tournament (19th to 21st Feb. 19)	State	320
Volleyball: State Level Invitation InterCollegiate Volleyball Tournament (26th to 28th Feb. 19)	State	150
Basketball: State Level Invitation InterCollegiate Basketball Tournament (5th to 7th March. 19)	State	150
Chess (M W): Bharathidasan University InterCollegiate Tournament (16th 17th	University Level (intercollegiate)	175

Aug. 18 )		
Football Women: Bharathidasan University InterCollegiate Tournament (8th 9th Jan. 19)	University Level (intercollegiate)	210
Cricket: Bharathidasan University InterCollegiate Tournament (1st to 5th Sep. 18)	University Level (intercollegiate)	160
Heber FESTAURUM - A Talent Meet	Interdepartmental	400
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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Gold Medal at IndoThailand International, Boxing, Thailand	International	1	0	1651133105	R. Aravinda Prakash
2019	Gold medal at International Beach Combat Games, Goa	International	1	0	1651133105	R. Aravinda Prakash
2019	Silver	International	1	0	165113105	R. Aravinda Prakash
2018	Jetlee Book of Records	International	0	1	175824031	Kishore Kumar S
2018	Second place	National	0	1	175113305	P. Bhuvan eswaran
2018	Second place	National	0	1	185113546	T. Vimal
2018	First	National	1	0	175824024	B. Kanmani
2018	Second	National	1	0	175824025	V Kanmani
2018	Third	National	1	0	175824029	Madhumitha V

2018	NSS volunteer award	National	0	0	161108005	S. Arokia Jenis
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council is an organization conducted by students and supervised by the Administration and the Teaching faculty. The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out institutional activities and service projects. In addition to planning events that contribute to building the spirit for an active participation in the campus life and community welfare, the student council is the voice of the student body. They help share student ideas, interests and concerns with the college wide community. Any student who is interested in leadership, organizational behavior, event planning or becoming more involved in the activities of the college are welcome to become involved. A Students Council's objectives includes assisting the college in their efficient governance, ensuring that decisions affecting students of the college are made keeping in mind first and foremost the students interests. It also includes, enhancing the educational opportunities of the students at the school and ensuring that the institution and council comply with all the legal requirements. Student Council develops in them a stronger sense of membership. They feel more positive about their campus life and the organizational dimension. They also build a stronger sense of respect and selfworth, making them feel positive about themselves. It also creates a sense of selfaslearner and enables them to better manage their own learning. It gives them a sense of agency making them feel like a part of the college matters which will contribute in the improvement of teaching and learning. It helps build a practical agenda for a change which the pupils can identify with. The changes can lead to enhanced engagement with College and learning as well. It helps in building a deeper relationship between the students and the teachers. It also creates a sound basis for developing democratic principles and practices. It also enhances the capacity of the College as a learning organization. Hence, Bishop Heber College has always played a vital role in identifying Student Leaders from across all disciplines in the college who are assigned different leadership roles at various levels from curricular to cocurricular to extracurricular and at the Hostel levels. They are allotted specific domains of work areas and are trained to execute their jobs professionally and are accountable to the respective overseers or supervisors nominated to hone them as leaders who may be the Principal, the Deans, the Associate Deans, the Heads, the Coordinators of the Departments, the Class in charge Faculty Members, the Coordinators of various part V Clubs, the Hostel Wardens etc. The student body serves as the pillar of strength in the smooth functioning of the college in its progress in the path of excellence in education. They involve in various activities from organizing academic meetings, outreach activities, taking welfare measures inside the campus and in the communities outside campus lending their helping hand synergizing all their strength to build their campus, community and country at large. They form as one huge body as student leaders on a serious mission towards achieving a holistic experience in education and life.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

No

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5.4.2 – No. of registered Alumni:

0

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

63000

5.4.4 – Meetings/activities organized by Alumni Association :

Seven meetings were organized at the department level.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution has a mechanism of providing operational autonomy to various functionaries in order to ensure a decentralized governance system. The institution pursues to function with mutual love, respect, social commitment, effectiveness and conscience to train and develop students to be creative through teaching, research and extension activities and engage them to serve the nation in socially relevant areas. And to make the ends meet, the management and all the departments are maintaining power by breaking up larger applications of power into fragments. To empower the institution by honing the features of different welfares, the management has vested responsibilities thereby transferring and splitting the tasks to bring about efficiency and progress to various deanery, such as Deanery of Arts, Sciences, Research and Development, Internal Quality Assurance Cell (IQAC), International Relations, Staff and Student Welfare (SSW), Training and Placement and the Deanery of Extension Activities. All the staff members in the department are involved in various department activities to join hands with the Head of the Department to equip and mould the young minds into efficient professionals, who are being trained to meet challenges and opportunities with confidence and dignity. Along with teaching, the teachers are given responsibility to be a part of club activities such as NCC Air and Army Wing, NSS Boys and Girls Wing, Sports and Games Club, Nature Club, Red Ribbon Club, Youth Red Cross, Junior Jaycees, Student Exnora, Herber Quiz Club, DOE Club, Good Samaritan Club, Human Rights Club, LEO Club, Consumer Club, Road Safety Club, Youth against Drugs Club, Fine Arts Association, Rotary Club, Entrepreneur Cell, Suicide Prevention Club, Gender Sensitization Club, Communication and Movie Club, AntiCorruption Club and Philately Club. Thus the institution and departments encourage shared leadership and entrust the faculty of different divisions with enough authority to decide and execute activities of their own to bring up a positive vibe in students and in the society.

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

Partial

### 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Curriculum is revised every year benchmarking on par with premier institutions to construct positive improvements modelling the latest trend in the subject, technology and to satisfy the current requirements of the

industry. Emphasis is also laid on the broad syllabus of competitive examinations like SET and NET. The possibilities for improving syllabus according to the needs of every programme is initially discussed within the department. Introduction of such courses are roped in based on the suggestions offered by the members of the Board of Studies comprising of experts from industry or subject expert, alumni, parents and student representatives.

Teaching and Learning

Wellfurnished smart classrooms with ICT facilities bring visual and practical learning experiences, helping the students to comprehend and learn along with talk and chalk method. Classes are handled by well trained and qualified faculty members. Field oriented learning, internships, projects, seminars, assignments, paper presentations and hands on training are a few other ways used to equip the students with the learning process. Course Coordinators are assigned to maintain standards. Teachers too are encouraged to attend various workshops and conference to update their knowledge in their respective fields, thereby transferring knowledge and transforming the minds of students.

Examination and Evaluation

Examination Evaluation Policy is an essential segment of learning process during the progression of a course. Examination committee along with the Controller of Examinations meet periodically to work out strategies for effective conduct of examination. Question Bank comprising multiple choice questions are printed and given as booklets to each of the classes for all the courses. Unit wise assignments, class tests, seminars, practical lab exams, two continuous internal assessments and end semester examinations are conducted. End semester papers undergo two valuations, internal and external, and later the reports are checked with the learning outcomes for each course.

Research and Development

Books, laboratory facilities and essential equipment are provided as far as possible to the students, research scholars and faculty members to carry out the research projects. Students of UG and PG courses prepare projects in

their final semesters which are generally related to research studies. The students, research scholars and staff are encouraged to publish their research findings in reputed national and international journals, UGC listed journals and Scopus indexed journals. Financial support is also given by the Management to attend Conferences, seminars, symposiums, workshops and for publications. The research wing of the college functions with the motto, "Research, Enrich and Excel".

Library, ICT and Physical Infrastructure / Instrumentation

The College Library safeguards books, magazines, journals, eresources and thesis with meticulous care. The library also propels the utilization eresources like Inflibnet NList, Consortium for Educational Communication (CEC) and National Digital Library of India (NDL). Library has internet and a separate air conditioned Digital Library section. 24x7 WiFi facility is provided for the students to use their laptops in the college premises. Library ensures availability of all newspapers each day. All the class rooms are installed with smart board and LCD Projectors to enhance ICT based learning. College also has CCTV facility for vigilance and monitoring. College also has Instrumentation Centre sponsored by DSTFIST.

Human Resource Management

Qualified faculty members are recruited according to the needs every academic year. Staff enrichment programs are organized periodically to motivate faculty members to maximize their performance in teaching and research. The institution provides sound value system, healthy ecofriendly ambience with state of art infrastructure and space for research atmosphere to enrich their academic career. Student Counselling Centre organizes programmes on Self Development, Girl Students' Empowerment, Stress Management and on Health and Hygiene. Scholarships are given to the deserving students under Student Helpline for college fee and hostel fees concession. Noon meal scheme is also initiated by the Management for the sports and deserving poor students.

Industry Interaction / Collaboration

MoUs are signed with various

institutions and industries to enhance the skills of the students for acquisition of placements, adoption of knowledge from industrial visits, innovation and technology transfer from internships and summer projects. Students are motivated to start new business and small scale industries. Departments are also encouraged to make their course of study relevant to industry. Alumni of Bishop Heber play a vital role in establishing industrial collaboration. The collaboration with other education / other institutions are encouraged. Students are regularly taken for pressvisits and media houses to gain firsthand knowledge of the journalism and reportage.

**Admission of Students**

Students hold the keys to the survival and prosperity of colleges. Bishop Heber College follows the Government Norms for admission procedure and reservation policy is strictly adhered. Admissions are made online based on the marks scored in higher secondary exams and is kept transparent to ensure fairness in the process. The department is given full autonomy to select the deserving students. Special preferences are given for the firstgeneration learners, minority communities, socially and economically challenged sections of the society in line with the vision and mission of the College. Departments are witnessing exponential growth in student admission both in aided and selffinancing streams.

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

E-governance area	Details
<p><b>Examination</b></p>	<p>The College has separate Examination cell with equipped ITC tools necessary for examination purposes. Before the commencement of the exams, students can download their hall tickets from the college website. Students see their exam timetable, exam hall and their seating arrangements in the website. CIA marks are being entered online. Staff invigilation details too are in website and an SMS will be sent to the concerned staff. Online examinations are conducted for a few courses namely NMEC, SBEC and Life Skills. To improve the ability of students in competitive examination, students take up frequent</p>

mock online tests in the library.

**Student Admission and Support**

An online registration portal has been created for all the students, who seek admission, to get their application registered. At the end of the day, the applications are category wise ranked electronically. Students who are short listed by their rank are intimated by SMS. During the admission time, digital boards are used to direct the students in the admission process.

An electronic file system for the academic performances of each and every student is maintained by the teacher who is the mentor of the class. The updation of the record is done easily and used during the parentteacher meet. Absence of students is intimated to parents through messages.

**Planning and Development**

Egovernance has been implemented and exclusively used for the college activities like planning and development. The institution has a robust IT support which records the academic and administrative activities of the Institution like staff attendance biometric, timetable, attendance, library information system, SMS facilities, daily absent report etc. The information and reminders regarding the faculty development, conduct of special programmes for students and teachers through emails and group messages. EReports from the Departments are received and organised for the college as a whole by the IQAC. Information regarding the department is being circulated to all the faculty in the department through whatsapp group.

**Administration**

The Administration of the College functions with egovernance system at Government, Society and College level. The college has Biometric attendance for teaching and nonteaching staff. Attendance is entered online by the respective staff along with the record of the work diary. Timetable is registered online. Students' feedback is solicited online. All notices from the Principal's office are sent to the individuals through group messages.

Within the department, all communications are done through emails. Information about conferences, events, victories, staff profile and departmental activities are regularly updated in the college website. The

	college campus is equipped with CCTV Cameras towards vigilance and safety.
Finance and Accounts	Bishop Heber College has aimed and achieved effective financial management through transparent functioning of Finance and Accounts from every department. Each department has separate accounts to maintain the department association activity, staff and students welfare. This helps to increase the efficiency of staff towards the accuracy in financial transactions. Students pay their fees online. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the books of accounts properly which helps in auditing procedure.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Alagappa Moses, ENVS	Heber National Conference on Ensuring Environmental Sustainability	Bishop Heber College, Tiruchirappalli	2500
2019	Dr. C. Ravichandran, ENVS	Heber National Conference on Ensuring Environmental Sustainability	Bishop Heber College, Tiruchirappalli	2500
2018	Dr. M. Gabriel, Social Work	International Conference on School Mental Health	Bishop Heber College, Tiruchirappalli	2000
2018	J. Persis Jessintha, Computer Science	A Two Day National Conference on Transforming technology	Bishop Heber College, Tiruchirappalli	4000
2018	Dr. R. Jemima Priyadarsini, Computer Science	A Two Day National Conference on Transforming technology	Bishop Heber College, Tiruchirappalli	2000

2018	Dr. V. Anand Gideon, Botany	International Conference on Water From Pollution to Purification.	Bishop Heber College, Tiruchirappalli	4500
2018	Dr. S. Pricilla Prabhavathi, Chemistry	International conference on Chemical Research Innovations Today	Bishop Heber College, Tiruchirappalli	1250
2018	V. Anthony Raj, Physics	International Conference on Advanced Materials (ICAM)	Bishop Heber College, Tiruchirappalli	1000
2018	J. Leo, Actuarial Sciences	Theory and Application of Statistics and Information Sciences	Bishop Heber College, Tiruchirappalli	4500
2018	Dr. J. Princy Merlin, Associate Dean of IQAC	Faculty Development Programme , Internal Quality Assurance Cell	Bishop Heber College, Tiruchirappalli	47000
2018	S. Subha, BCA	Sevakan's Cunsultancy Services, Trichy	Bishop Heber College, Tiruchirappalli	1000
2018	J. Olivia Capitala, BCA	Sevakan's Cunsultancy Services, Trichy	Bishop Heber College, Tiruchirappalli	1000
2018	G. Paul Davidson, BCA	Sevakan's Cunsultancy Services, Trichy	Bishop Heber College, Tiruchirappalli	1000
2018	Dr. S. Isaiah, Chemistry	a) International Journal of Recent Scientific Research b) JETIR	Bishop Heber College, Tiruchirappalli	2000
2018	Ebenezer Raja, MBA	Confederation of India Industry, Trichy	Bishop Heber College, Tiruchirappalli	1500
2018	Dr. R. Sharmila, Biotechnology	Conference New Vistas in Life Sciences	Bishop Heber College, Tiruchirappalli	1500

2018	Dr. R. Jasmine, Biotechnology	Conference New Vistas in Life Sciences	Bishop Heber College, Tiruchirappalli	1500
2018	M. Rajadurai, Biotechnology	Conference New Vistas in Life Sciences	Bishop Heber College, Tiruchirappalli	1700
2018	Dr. M. Denish Dhivyan, Commerce	Networking, Research and Innovation in Higher Education for a Sustainable Society: Challenges and Channels (ICNRI 2018)	Bishop Heber College, Tiruchirappalli	3000
2018	Dr. M. Shella Mary, ENVS	Two days' Workshop on Advanced of Chromatographic Techniques - GCMS HPLC	Bishop Heber College, Tiruchirappalli	1248
2018	D. Udhayabanu, ENVS	Two days' Workshop on Advanced of Chromatographic Techniques - GCMS HPLC	Bishop Heber College, Tiruchirappalli	1248
2018	Dr. R. Tennyson, ENVS	Two days' Workshop on Advanced of Chromatographic Techniques - GCMS HPLC	Bishop Heber College, Tiruchirappalli	1200
2018	Hemalatha. A, Commerce	Seminar - Plagiarism free Report Writing Technicians In Social Science Research	Bishop Heber College, Tiruchirappalli	700
2018	P. Nelson Raja, English	Reading the Nation - The Global Perspective	Bishop Heber College, Tiruchirappalli	2500
2018	G. Paul Davidson, Computer Application	Blooming Trends in Tech Challenges and Opportunities	Bishop Heber College, Tiruchirappalli	2500
2018	S. A. Nasrin Hussain, Commerce	Workshop on American College	Bishop Heber College, Tiruchirappalli	1000
2018	Dr. C. Precila,	Two day National	Bishop Heber College,	1000

	Commerce	Workshop on American College.	Tiruchirappalli	
2018	M. Sasikumar, Physics	Material Technologies for Energy Conversion and Storage (MTECS)	Bishop Heber College, Tiruchirappalli	4500
2018	V. Antony Raj, Physics	International Conference on Science, Technology and Application of Rare Earths	Bishop Heber College, Tiruchirappalli	4500
2018	B. Gayathri, Computer Science	National Workshop on Internet of things IOT for smart Grid.	Bishop Heber College, Tiruchirappalli	1750
2018	P. Nelson Raja, English	International Conference on English language, Literature and Linguistics	Bishop Heber College, Tiruchirappalli	2300
2018	Leethiyal Nancy Crocker, English	Kodaikanal Christian College, Kodaikanal	Bishop Heber College, Tiruchirappalli	1550
2018	Arivoli Mangai, English	Kodaikanal Christian College, Kodaikanal	Bishop Heber College, Tiruchirappalli	1550
2018	S. Remali Sarah, English	Kodaikanal Christian College, Kodaikanal	Bishop Heber College, Tiruchirappalli	1550
2018	E. Christina Janet, English	Kodaikanal Christian College, Kodaikanal	Bishop Heber College, Tiruchirappalli	1550
2018	S. Anitha Bose, Commerce	Two Day National Workshop on American College, Madurai	Bishop Heber College, Tiruchirappalli	1000
2018	Hemalatha. A, Commerce	Two Day National Workshop on American College, Madurai	Bishop Heber College, Tiruchirappalli	1000

2018	Dr. K. Suchitra, Commerce	Two Day National Workshop on American College, Madurai	Bishop Heber College, Tiruchirappalli	1000
2018	Dr. H. Kavitha, Commerce	Two Day National Workshop on American College, Madurai	Bishop Heber College, Tiruchirappalli	1000
2018	Dr. Mariappan, Actuarial Sciences	3rd International Conference HICAAMMC 2019	Bishop Heber College, Tiruchirappalli	40000
2018	S. Prabha Rani, Calligraphy	One Week Workshop on Calligraphy	Bishop Heber College, Tiruchirappalli	1500
2018	P. Ramaraj, MBA J. Manikandan,MBA	Workshop	Bishop Heber College, Tiruchirappalli	3600
2018	Dr. R. Selvaraj, MLIS	Scholarly Communication, Openaccess Publishing and Ethics, (SCOPE 2018)	Bishop Heber College, Tiruchirappalli	3000
2018	College Deans and Heads	Expenses for College Deans Heads Attending Workshop Meeting to Kutralam Nove 18	Bishop Heber College, Tiruchirappalli	227507
2018	E.J. David Prabahar, Library	1st International Conference on "Emerging Trends in Librarianship Role of Libraries in Learning Environment"	Bishop Heber College, Tiruchirappalli	2500
2018	Dr. R. Jemima Priyadarsini, Computer Science	Conference - National Institute of Technology, Tiruchirappalli Department of Computer Applications	Bishop Heber College, Tiruchirappalli	2500
2019	Dr. J. Princy	International	Bishop Heber	4500

	Merlin, Chemistry	Conference on Water: (ICW 2018)	College, Tiruchirappalli	
2019	Dr. A. Sathiyar, Chemistry	International Conference on Water: (ICW 2018)	Bishop Heber College, Tiruchirappalli	4500
2019	C. Sathis Kumar, C. Santha Kumar, Anand Selvakumar. A, Computer Science	National Workshop on Data Mining Tools for Research	Bishop Heber College, Tiruchirappalli	3000
2019	Dr. J. R. Beulah Thavamni Esther Rani	International Conference on Water: From Pollution To Purification (ICW 2018)	Bishop Heber College, Tiruchirappalli	4500
2019	S. Kavitha, Commerce	National Level Workshop Meeting	Bishop Heber College, Tiruchirappalli	3750
2019	Dr. M. Jothilakshmi, Tamil	Veeramamuniva rin Koduntamizh	Bishop Heber College, Tiruchirappalli	1600
2019	Dr. M. Jothilakshmi, Tamil	Tamil sumugathil mozhi kollgaium valarchium	Bishop Heber College, Tiruchirappalli	1900
2019	Dr. J. Lakshmi Praba	Conference - New Trends in Applied Chemistry NTAC - 2019	Bishop Heber College, Tiruchirappalli	6500
2019	M. Munees Moorthy, Tamil	'AAR" - ALL India Research Forum. Social Construct and Linguistic Command in Classical Literature	Bishop Heber College, Tiruchirappalli	3350
2019	Sherlin Rosita. A, BioInformatics	Recent Trends in Structural Bio informatics and Computer Aided Drug Design, Alagappa University	Bishop Heber College, Tiruchirappalli	4000
2019	Dr. Daniel Andrew, BioTechnology	Recent Trends in Structural Bio informatics	Bishop Heber College, Tiruchirappalli	4000

		and Computer Aided Drug Design, Alagappa University		
2019	Dr. V. Violet Dhayabaran, Chemistry	New Trends in Applied Chemistry (NTAC 2019)	Bishop Heber College, Tiruchirappalli	11000
2019	P. Nelson Raja, English	Island Literature and Environmental Humanities	Bishop Heber College, Tiruchirappalli	4000
2019	H. Sirajunisha, Physics	International Conference on Nano science Nano Technology (ICONN 2019)	Bishop Heber College, Tiruchirappalli	4500
2019	J. Premkumar, English	1.Ecocidal Elements in The movie Bhopal: A Prayer for Rain. 2.LAND Ethics in Paul Seed's Dead Ahead: The EXXON Valdez Disaster 3.An International Journal of English Language and Literary Theorly.	Bishop Heber College, Tiruchirappalli	5800
2019	M. Francklin Philips, Chemistry	International conference on Chemical Research Innovations Today	Bishop Heber College, Tiruchirappalli	2000
2019	Dr. B. Meenatchi, Chemistry	National Conference on Advances in Applied Chemistry	Bishop Heber College, Tiruchirappalli	3000
2019	M. Dhanasekaran, English	International Seminar on Power Structure in English Language and Literature	Bishop Heber College, Tiruchirappalli	3550
2019	K.R. Rajeswari, Tamil	1.Ulaga Thirukural Maanadu 2019, Malesiya.	Bishop Heber College, Tiruchirappalli	2000

		2.Pannokku Paarvail Thirumanthiram.		
2019	S. Ayyanar, Tamil	1.Tamil Ilakkiya Marabil Kalaga Kural 2.Ulaga Thirukural MaaNadu - 2019, Malasiya 3.Nadhigalum, Tamil Samuthayamum	Bishop Heber College, Tiruchirappalli	3000
2019	P. Lydia Festus Kanmani, Chemistry	Chemical Research and Innovations Today - CRIT 2019	Bishop Heber College, Tiruchirappalli	2000
2019	Dr. A. Ravikumar, Commerce	1.International Conference on Services Marketing - Process, Pralines and Potential 2. International Conference on Services Marketing - Process, Pralines and Potential. 3.A Journal of Management research and Analysis (JMRA) - UGC App	Bishop Heber College, Tiruchirappalli	9600
2019	V. Anthony Raj, Physics	63rd DAE Solid State Physics Symposium	Bishop Heber College, Tiruchirappalli	7000
2019	Mr. C. Arul, Chemistry	Chemical Research and Innovations Today - 2019	Bishop Heber College, Tiruchirappalli	2000
2019	J. Minton Ananiya, English	Power Structure in English Language and Literature	Bishop Heber College, Tiruchirappalli	5000
2019	P. Stephen Bright, English	Power Structure in English Language and	Bishop Heber College, Tiruchirappalli	2800

		Literature		
2019	Dr. Rupesh, Chemistry N. Prabhu, Chemistry	Chemical Research and Innovations Today - CRIT 2019	Bishop Heber College, Tiruchirappalli	2000
2019	W. Abraham Selvakumar, English	Power Structure in English Language and Literature	Bishop Heber College, Tiruchirappalli	2800
2019	Dr. S. Prscilla Prabhavathi, Chemistry	1.Advanced Nanomaterials for Energy, Environment And Healthcare Applications (ANEH 2019) 2.Chemical Research And Innovations Today - CRIT 2019	Bishop Heber College, Tiruchirappalli	4200
2019	Dr. S. P. Ruth Rajathi, English	International Conference Power Structure in English Language Literatu	Bishop Heber College, Tiruchirappalli	2800
2019	Dr. M. Kalpanadevi, Chemistry	National Conference on Naon National Summit - Current Trends and Future Prespectives (NNSCTFP 2019)	Bishop Heber College, Tiruchirappalli	1500
2019	R. Sangeetha, Tamil	Recent Trends in Language and Literature	Bishop Heber College, Tiruchirappalli	1500
2019	Dr. A. Mary Immaculate, Tamil	One day National Seminar on Recent Trends in Language and Literature, University of Kerala	Bishop Heber College, Tiruchirappalli	1500
2019	Dennis. A, Tamil	Recent Trends in Language and Literature, Kerala.	Bishop Heber College, Tiruchirappalli	1500
2019	Dr. R. Jasmine,	International Conference on	Bishop Heber College,	2000

	Bio.technology	Cancer Inferno its prevention Strategies.	Tiruchirappalli	
2019	A.Prema, Hindi	Testing and evaluation and Question Item writing in Hindi	Bishop Heber College, Tiruchirappalli	500
2019	Thilak Moses. A, Maths	International Conference on Water: From Pollution to Purification (ICW 2018)	Bishop Heber College, Tiruchirappalli	4500
2019	Sharmila Lydia. I, Chemistry	International Conference on Chemical Sciences and Nanomaterials ICCSN 2019	Bishop Heber College, Tiruchirappalli	4500
2019	Dr. B. Hannah, Commerce	Digital Outreach and Future of Management Practices	Bishop Heber College, Tiruchirappalli	2800
2019	M. Franklin Philip, Chemistry	International Conference on "Chemical Science and Nanomaterials" (ICCSN 2019)	Bishop Heber College, Tiruchirappalli	4500
2019	Alagappa Moses, ENVS	Heber National Conference on Ensuring Environmental Sustainability	Bishop Heber College, Tiruchirappalli	2500
2019	Dr. C. Ravichandran, ENVS	Heber National Conference on Ensuring Environmental Sustainability	Bishop Heber College, Tiruchirappalli	2500
2019	D. Udhaya Banu, ENVS	Heber National Conference on Ensuring Environmental Sustainability	Bishop Heber College, Tiruchirappalli	2500
2019	A. Alagappa Moses, ENVIRONMENTAL SCIENCES	International Conference	Bishop Heber College, Tiruchirappalli	2500

2019	Dr. P. Mariappan, Actuarial Sciences	3rd International conference conducted by, Kristu Jayanthi college, Bangalore	Bishop Heber College, Tiruchirappalli	4500
2019	Dr. C. Raja, Chemistry	International Conference on "Chemical Research and Innovations Today - CRIT 2019	Bishop Heber College, Tiruchirappalli	2000
2019	Dr. J. Marshal Raj, Tamil	Heber National Conference on Ensuring Environmental Sustainability	Bishop Heber College, Tiruchirappalli	2500
2019	Dr. J. R. Beulah Thavamani Esther Rani, Chemistry	Chemical Research and Innovations Today - 2019	Bishop Heber College, Tiruchirappalli	2000
2019	Dr. J. Christy Ezhilarasi, Chemistry	International Conference on Water: From Pollution to Purification(ICW 2018)	Bishop Heber College, Tiruchirappalli	4500
2019	Mary Pamila. A, Chemistry	Chemical Research and Innovations Today - 2019	Bishop Heber College, Tiruchirappalli	2000
2019	Dr. John Robinson, Maths	International Conference on Applied Mathematics and BioInspired Computations 2019	Bishop Heber College, Tiruchirappalli	10000
2019	R. Swinton Darious, Chemistry	Chemical Research and Innovations Today - 2019	Bishop Heber College, Tiruchirappalli	2000
2019	R. Sangeetha, Tamil	Testing Evaluation and Question Item Writing	Bishop Heber College, Tiruchirappalli	500
2019	Dennis. A, Tamil	Testing Evaluation and Question Item Writing	Bishop Heber College, Tiruchirappalli	500

2019	S. Sangeetha, English	New Academia: An International Journal of English Language, Literature and Literary Theory	Bishop Heber College, Tiruchirappalli	2000
2019	Dr. Violet Dhayabaran, Chemistry	International Conference at France	University Grants Commision Travel Grant, New Delhi	58977
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Two days workshop on Wild life and Forest Conservation	Nill	13/11/2018	14/11/2018	9	0
2018	Academic Learning Management Systems at Institutions of Importance	Nill	18/04/2018	21/04/2018	41	0
2019	Maintenance standard operating procedure Lab	Nill	08/02/2019	08/02/2019	4	0
2019	Refresher Course in Counselling Inner Healing	Nill	21/02/2019	21/02/2019	42	0
2019	Faculty Development Programme	Nill	16/02/2019	16/02/2019	48	0
2018	Faculty	Nill			12	0

	Development Program		18/12/2018	18/12/2018		
2018	Hands on faculty training programme in field taxonomy and conservation	Nil	18/10/2018	19/10/2018	9	0
2018	Internet of Things: Microsoft Office	Nil	14/08/2018	14/08/2018	15	1
2018	Open Stack and Cloud Computing	Nil	01/09/2018	01/09/2018	28	0
2018	Faculty Enrichment Programme	Nil	19/11/2018	20/11/2018	36	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme	15	28/07/2018	28/07/2018	1
Biocon Academy Faculty Development Program	2	02/07/2018	13/07/2018	11
Orientation Programme CSIR NIIST, Trivandrum	1	09/05/2018	08/07/2018	60
Refresher Course on Known to Unkonwn Biological Techniques	2	01/11/2018	14/11/2018	14
Orientation course	1	18/05/2018	14/06/2018	28
Refresher course	2	25/09/2018	15/10/2018	20
Faculty Development Programme, Indian	1	14/05/2018	31/08/2018	109

Institute of Management (IIM), Ahmadabad				
Internet of Things	15	14/08/2018	14/08/2018	1
Open Stack and Cloud Computing	20	01/09/2018	01/09/2018	1
Faculty Enrichment Programme Organized by Department of Physics, Bishop Heber College	36	19/11/2018	20/11/2018	2
Refresher Course in Life Sciences UGC Human Resource Development Centre, Bharathidasan University	1	19/06/2018	09/07/2018	21
Orientation Course UGC Human Resource Development Centre, Bharathidasan University	1	18/05/2018	14/06/2018	27
Orientation Course UGC Human Resource Development Centre, Jawaharlal Nehru University, New Delhi	1	08/10/2018	02/11/2018	25
Orientation course	1	01/02/2019	28/02/2019	28
SERB School on Ultrahigh Intensity Laser Produced Plasmas: Physics and Applications held at RRCAT, Indore	1	07/01/2019	25/01/2019	18
UGC Sponsored Short Term Course in Research	3	15/02/2019	21/02/2019	6

Methodology held at Bharathidasan University				
UGC Sponsored Short Term Course in Research Methodology held at Bharathidasan University	3	05/02/2019	21/02/2019	6
UGC Sponsored Refresher Course in Tamil Language and Literature	2	01/08/2019	14/08/2019	14
Faculty Recharging Programme	55	12/06/2019	13/06/2019	2
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	87	0	36

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Star Health Insurance, Emergency Medical Care Grant to Staff, Gymnasium , Medical Centre, Tuition Fee Reimbursement for Staff Children, 24 X 7 WiFi/Internet, Staff Tour (Partially Sponsored by College Management)	Star Health Insurance (56), Emergency Medical Care Grant to Staff, Gymnasium , Medical Centre, Tuition Fee Reimbursement for Staff Children, 24 X 7 WiFi/Internet	Student Helpline, Counselling for Mental Health, Life Skill, Tuition Fee Reimbursement for Staff children, Mess Fees Concession , Sports Quota, Free Hostel (CE), Noon Meal Scheme, Career Guidance (IAS), Book Bank, Earn while you learn (Lib Part Time Jobs at various segments like SF Office, SSC), Health centre / Medical Care, Purified Drinking Water at Vantage points of College, Gymnasium, 24 X 7 WiFi / Internet,

**6.4 – Financial Management and Resource Mobilization**

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

- The Internal Audit of the college is done by the Bursar of the College
- The External Audit of the college is done by CA K. K. Shankar CA E.K. Venkatram, M/s/ Sankar Venkatraman Chartered Accountants , Tiruchirappalli. 620001

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Indian Council for Social Science Research, University Grants Commission, Alumni 199295 batch Endowment fund), Council of Scientific and Industrial Research (CSIR), Mr. Manivannan, Union bank of Switzerland, New York, USA (2004 2007 batch Alumnus,	2657720	To organise conference, Research, For first five toppers the interest is shared International Conference, Financial help to UG students, Scholarship for Needy students, Conference, Award of Best Department Status, College of Excellence, Training
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6.4.3 – Total corpus fund generated

1378170
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6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Although external agency is not involved in academic audit, Competent Experts are invited from Institutions across Tamil Nadu and Pondicherry to evaluate and assess the performance of all the Departments based on a customized Evaluation Tool prepared in line with the NAAC Criteria.	Yes	Periodic evaluation is done by the Deanery of IQAC, Academics, Staff and Student Welfare and Vice Principals headed by Principal.
Administrative	Yes	CA K. K. Shankar CA E.K. Venkatram, M/s/ Sankar Venkatraman Chartered	Yes	Internal Auditng is done by the Bursar and the Principal.

Accountants , T  
iruchirappalli.  
620001

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

Parent Teacher Meetings are organized at the Department Level, every semester, where in the academic performance of their respective wards are shared. Feedback on the Quality of Teaching, Facilities are sought from them which enable the Departments to modify their approaches. Parents are informed of the wards attendance through a centralized SMS service on a daily basis.

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

Hands on Training on Lab practices for Lab assistant conducted by the Botany Department on 10th September 2018, Lab Technique Practices, Two Days workshop on Wild life and Forest Conservation and Capacity Building Programme for Non teaching Staff

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

- Maintenance of electronic academic profile of students.
- Maintenance of e work diary and e attendance register.
- Weekly technical meet of teachers.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Faculty Development Programme	18/06/2018	18/06/2018	18/06/2018	446
2018	Hands On Training On EContent Development	12/07/2018	12/07/2018	12/07/2018	446
2018	Orientation For The Newly Recruited Members Of Staff Of SelfFinanced Stream	11/07/2018	11/07/2018	11/07/2018	47
2018	Faculty Enrichment Programme UGC NET/CSIR Coaching	19/11/2018	19/11/2018	23/11/2018	77
2019	NAAC Sponsored	14/02/2019	14/02/2019	15/02/2019	46

Workshop on Benchmarking the Best Practices in Teaching Learning in Higher Education

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Truth about Me Problems Encountered by Transgenders	05/10/2018	05/10/2018	150	0
Seminar on Women & Hormones	29/11/2018	29/11/2018	800	0
Women Be Merry	01/09/2018	01/09/2018	60	0
Gender issues in Student's affairs (Seminar for Faculty )	08/04/2019	08/04/2019	22	10
Children & Women Empowerment	13/08/2018	13/08/2018	45	10
Awareness Programme on Women's Rights	05/10/2018	05/10/2018	40	0
Legal Rights for Women	10/01/2019	10/01/2019	60	0
Sensitization Programme on Sexual Abuse	26/01/2019	26/01/2019	15	0
Violence against Women	04/03/2019	04/03/2019	63	50
Gender Sensitization	18/06/2018	18/06/2018	100	80
Women Empowerment	03/08/2018	03/08/2018	5	6
Child Rights and Child	03/08/2018	03/08/2018	5	6

**Protection**

**7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:**

Percentage of power requirement of the University met by the renewable energy sources

0

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

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	17
Provision for lift	Yes	17
Ramp/Rails	Yes	17
Rest Rooms	Yes	17
Scribes for examination	Yes	5

**7.1.4 – Inclusion and Situatedness**

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	0	19/12/2018	1	Motivation and how to improve Self Motivation	Poor Self Esteem and	100
2019	1	0	19/01/2019	1	Outreach Programme at TELC Higher Secondary School, Tiruchirappalli	Personal Hygiene	150
2019	1	0	19/01/2019	1	Visit to Happy Hens Tiruchirappalli	Exposure	50
2018	1	0	28/10/2018	1	Visit to Banana Research Centre	Exposure	50
2018	1	0	08/12/2018	1	Awareness Programme at Kiliyur Village	Environmental Hygiene	100

					School		
2019	1	0	03/03/2019	1	Talk on Water Resource and its management	Water Issues	240
2018	1	0	21/06/2018	1	Yoga Day Celebration	Mental Health	75
2018	1	0	01/10/2018	1	Voluntary Blood Donation Camp	Blood Donation	7
2018	1	0	01/12/2018	1	AIDS Awareness Rally	HIV/AIDS	60
2019	1	0	23/01/2019	1	Voluntary Blood Donation Camp	Importance of Blood Donation	200
2019	1	0	28/02/2019	1	Health Awareness Programme in Adopted Villages	Personal Hygiene	200
2019	1	0	11/01/2019	1	PRIST University Exhibition on 'Green India by Agricultural Development	Ecoconscious	6
2019	1	0	07/01/2019	1	Eliminating the fear of numbers of Memory Enhancement Technique	Failire in Mathematics	1
2018	3	3	26/11/2018	66	Damage assessment, Tree planting, Seed ball preparation	Flood Damage	12
2018	1	0	19/12/2018	1	Meeting the HIV	Motivated	53

					Positive children	and cheered the children	
2018	1	0	16/08/2018	9	English for Specific Purposes and Communication for First year Nursing Students of CSI School of Nursing, CSI, Mission General Hospital	The training enhanced the students professional competence	21
2018	1	0	10/09/2018	10	A training programme on Communicative Skills for the nurses of GVN Hospital	The training helped the students to communicate better	12
2019	1	1	26/01/2019	1	Participatory Rural Appraisal	Natural Resources Management	61
2019	1	2	01/01/2019	90	Water quality assessment	Evaluating water quality	3
2018	1	1	13/12/2018	1	Read to Lead	Lack of Reading Habits among School Children	100
2018	3	3	23/09/2018	3	HIV/AIDS Awareness among Youth, Village and SHG Members	HIV/AIDS Awareness	115
2018	6	6	07/09/2018	6	Awareness on Child	Child Abuse	840

					Abuse		
2019	1	1	06/02/2019	1	Awareness on Government welfare schemes	Created awareness on various Government schemes available for agriculture, housing etc.,	48
2019	2	2	18/02/2019	1	Provided Electricity For Economically Backward Family In Kodiyalam Village And Conducted An Eye Camp In Vayalur Village	Lack of Electricity	20
2018	1	1	20/08/2018	1	Mrs. A. Tamil, DirectorVIH AAN, Care Support Centre, Network for Positive people in Trichy (NPT)	AIDS	61
2018	1	1	20/08/2018	1	Interaction with foreign students on 'Indo-Sweden cultural interaction program	Job seeking , Honesty in work , punctuality	76
2019	1	1	28/02/2019	1	Tree Plantation and Science Day Exhibition	Importance of Trees Exhibition on water harvesting	57

						g to enable the students to save water	
2019	1	1	18/02/2018	3	Keep clean and live green activity based cleanliness program	To know the benefits of 'Health and Hygiene' through cleanliness in our surroundings	101
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#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
College Handbook	17/06/2019	The College Handbook encompasses Coat of Arms, College Song, Prayer for the College and Former Students, Statement of Purpose and Vision, Brief History of the College, Administrative Structure, General Body, Governing Body, constitution of Academic and College Councils, Members of the Staff, Programmes of Study, Extension and Extra Curricular Activities, College Rules and Regulations, Office of the Controller of Examinations, Calendar of Events.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Parents Teacher Meeting and Counselling division	01/10/2018	01/10/2018	627
Dream Destination	15/03/2018	15/03/2018	1200
Intergenerational Bonding	27/11/2018	27/11/2018	200
Respectful Homage to Pulwama Jawans	18/02/2019	18/02/2019	300

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

Reduction of Hazardous chemicals in the laboratory Switched to Green Chemical routes in Laboratory Fuming reactions are replaced with fume less reactions. Fume hoods are also installed to prevent release of gases to environment One semester Practical is converted to computer based Dry lab to reduce pollution. Plastic Free Programs - all Programs of the dept. avoided use of plastics where ever alternatives were possible From registration Kit to Food service Segregating Degradable and nondegradable wastages in separate dustbin. No vehicle day is followed to give awareness about Air Pollution and inculcate the practice of using public transport than private vehicles The glass windows of the class rooms facilitate the maximal utilization of natural light. The traditional lighting systems are replaced with CFL lighting system Switching off the electrical equipment when not in use Minimizing use of lift, and encouraging staff and students to use staircases whenever possible. Use of mobile phones in the campus is prohibited.

#### 7.2 – Best Practices

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

**STUDENT RESEARCH FORUM:** The Forum seeks to ignite young minds with scientific thought acumen through interaction debates related to recent scientific findings. Highly talented and gifted learners may feel unchallenged by the routine curriculum, so the Forum i.e., christened as SPARK bring them together and expose them to the various challenging Problems in core areas and and related fields. It also conducts events to create a healthy Competition among the prospective students to achieve higher academic standards. To name a few, Heber Chemistry Efficiency Test (HCET) was conducted on 25th February 2018, at the JAM level or CSIR level and Toppers were given Cash Awards of Rs. 2000/ each. **INCULCATING SKILLS AND ENCOURAGING CREATIVITY** Creativity and Special Talents of the students were identified and channelized through following activities by the Department of English. **Publishing a Class magazine:** The Department took initiative to prepare a class magazine. The magazines where a proof that the students gained enough wisdom and confidence to function as a team **Publication of a Class Newspaper:** To give the students an idea of journalism, Newspaper layout is a new venture and since students don't know coral draw they found it difficult to align. It was highly appreciated by the external experts by Ms. Sivasankari, Former SubEditor, Dinamalar **Short Film Documentary Screening Competition named "Short Shots":** In order to give a hands on experience for the theory they have studied for the first four units of their paper Introduction to Media Studies. The entire newspaper was designed, edited and funded by the students. The Students themselves have directed, acted and cinematographed the entire project. **Mentoring and Holistic Development :** Departments have the practice of Mentoring students to meet the academic and life challenges. Each student has a mentor who is in charge for conducting individual counselling with their wards. Any lacunae on the part of the students in terms of their soft skill, hard skill and public skills are duly identified and remedies suggested. Personal care and attention is shown to the student and the mentor along with the class teacher ensures that the student receives the best possible support to ensure progression of the student. Some Departments have the practice of mentor visiting the agency where the student is placed and interacts with the field work supervisor of the student and problems experienced if any by the student in the agency setting sorted out in the best possible ways. The mentor together with the class teacher ensures the overall personality development of the student before they could become professional practitioner.

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

[http://bhc.edu.in/igac/Best\\_Practices.pdf](http://bhc.edu.in/igac/Best_Practices.pdf)

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

As the vision of the institution focuses on catering to the educational needs of all, especially the poor the needy and the underprivileged students, the foundation of its institutional distinctiveness is based on purely social service through education. Hundreds of poor, needy, and underprivileged students are admitted and trained across the academic programme matrix of the institution every year. While the institution, under the direction of magnanimous and magnificent management members, with the dedicated dynamic and duty minded staff members caters a high quality of academic environment and valueadded intellectual exposure and experience to all its students. It thoughtfully extends its helping hands to the poor, the needy, and the underprivileged students, to provide the above stated educational needs and benefits at free of cost with philanthropic attitude. These poor, needy, and underprivileged students perform well in their studies on par with any other student of the community. Considering the students' socioeconomic status, the institution accordingly provides them the needed educational support at various levels such as provision of admission with hundred percent fee waiver, provision of fee concession, provision of free boarding and lodging, provision of free study material, provision of special counselling and provision of other needed supports. The distinctiveness of the institution is being celebrated mostly and greatly by encouraging the poor, needy, and underprivileged students with genuine philanthropic attitude.

Provide the weblink of the institution

[http://bhc.edu.in/igac/Institutional\\_Distinctiveness.pdf](http://bhc.edu.in/igac/Institutional_Distinctiveness.pdf)

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

- Tapping more resources from Central Government and International Agencies
- Applying for SPARC Projects
- Establishment of Industrial MoUs and MoUs with QS Ranked Universities.
- Filling Up existing Regular Teaching and Nonteaching Vacancies
- Conduct of International Conferences with Transdisciplinary and Interdisciplinary Focus
- Measures to enrich the faculty to qualify themselves
- Providing Seed Money for staff members belonging to Self Financed Streams to undertake Minor Research Projects
- Online Admission Process to UG and PG Programmes
- Single Window Management of Office Administration
- Merit Based Scholarships - 100 Percent Tuition fee Waiver for Students who belong to Socially and Economically Backward
- Undertaking Transdisciplinary Projects
- Establishment of Incubation Centres and enterprises
- Representation of students in Student Council to instill Academic Leadership
- Introduction of New Programme related to Data Analytics
- Renovation of Science Laboratories with State of Art Facilities with ecofriendly approach
- Promoting hundred percent Barrier free environment for physically challenged through installation of Lift Facilities in all Academic and Administrative Buildings in Support of Persons with Disability
- Construction of fullfledged Studio for developing econtent inhouse for varied topics to promote elearning modules.