



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
Name of the head of the Institution	V.KANAGASABAI
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	044-22290742
Mobile no.	9840352860
Registered Email	registrar@bharathuniv.ac.in
Alternate Email	deanresearch@bharathuniv.ac.in
Address	173, Agaram Road, Selaiyur,
City/Town	Chennai
State/UT	Tamil Nadu
Pincode	600073

2. Institutional Status																			
University			Deemed																
Type of Institution			Co-education																
Location			Urban																
Financial Status			private																
Name of the IQAC co-ordinator/Director			Naveenchandran P																
Phone no/Alternate Phone no.			04422290742																
Mobile no.			9597095131																
Registered Email			iqac@bharathuniv.ac.in																
Alternate Email			asiriyan@gmail.com																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://www.bharathuniv.ac.in/aqar																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://www.bharathuniv.ac.in/acadcal2017																
5. Accrediation Details																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>2</td> <td>A</td> <td>3.2</td> <td>2015</td> <td>16-Nov-2015</td> <td>15-Nov-2020</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.2	2015	16-Nov-2015	15-Nov-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	A	3.2	2015	16-Nov-2015	15-Nov-2020														
6. Date of Establishment of IQAC			21-May-2006																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td>FDP on Participant Centered Learning</td> <td>09-Feb-2018 2</td> <td>56</td> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	FDP on Participant Centered Learning	09-Feb-2018 2	56					
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	
FDP on Participant Centered Learning	09-Feb-2018 2	56																	

Seminar on Evaluation Reforms for Higher Education Institutions	15-Sep-2017 2	62
Workshop on Personality Development for Non Teaching Staff	08-Dec-2017 2	126
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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
SREE BALAJI DENTAL COLLEGE AND HOSPITAL	FIST	DST	2018 5	4500000
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9. Whether composition of IQAC as per latest NAAC guidelines:

No

Upload latest notification of formation of IQAC

No Files Uploaded !!!

10. Number of IQAC meetings held during the year :

4

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Increased number of publications in reputed journals More number of reputed companies/industries/employers from other states University results have improved overall No. of students selected for higher studies abroad has increased Successful accreditation by ABET, USA

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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
Revision of Curriculum with AICTE Compliance	Curriculum revised and approved by Academic Council
International Accreditation	ABET accreditation secured
New courses in Biotechnology	B.Tech (Agri Bio Tech) introduced
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Academic Council	27-Sep-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	08-Oct-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	07-Feb-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	We have dedicated sophisticated Management Information System by CAMU. This software includes finance, hostel management, academic activities including student and staff attendance, lesson plan etc., conduct of examinations, feedback collection, communication among stakeholders and research activities.

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
BSc	Agriculture	05/05/2017
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Agriculture	18/07/2018

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
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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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 feedback is collected online and offline. Feedback is collected from all the stake holders including Students, Parents, Alumni, Faculties, Employers, Industries, external examiners etc. Feedback is collected periodically at the end of the semester for evaluating teaching learning process. Feedback is collected for the process of revision of Curriculum, Syllabus, PEOs and introduction new programs/courses from appropriate stake holders. Feedback is

also collected after the events such as seminars, workshops, conferences etc. Feedback reports prepared using modern feedback analysis tools and the reports are sent to the respective department heads/ deans/administrators for further action. The IQAC coordinators of constituent colleges monitor the corrective action taken based on the feedback and discussed in IQAC meetings. Feedback is collected on research activities, research programs and research guidelines, regulations are drafted based on the feedback. Student support services are regularly upgraded based on the feedback from the end users

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
Mtech	All Disciplines	288	545	37
MBA	Business Applications	120	155	98
LLB	Law	48	1	1
BA LLB	Law	54	1	1
MCA	Computer Application	58	78	35
BA	Arts	78	1	1
BCom	Commerce	58	1	1
BBA	Business Applications	83	1	1
MArch	Architecture	18	53	20
BArch	Business Applications	60	74	27
BSc Nursing	Nursing	58	1	1
MSc Nursing	Nursing	46	1	1
BPT	Physiotherapy	57	1	1
MA	Arts	47	1	1
BSc	Science	720	1	1
BCA	Computer Application	85	1	1
BTech	All Disciplines	2340	5693	2365
MBBS	Medicine	350	350	350
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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	Number of fulltime teachers available in the institution teaching only PG	Number of teachers teaching both UG and PG courses

			courses	courses	
2017	5000	500	300	200	100

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
53	53	3	1	1	1
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, The institution has well defined students mentoring system at all levels i.e. undergraduate and postgraduate level wherein individual attention is being provided to each and every student. Faculty Members are nominated by the College to be section wise mentors. Students are divided into groups and each group is allocated a separate faculty member to look into the students grievances. Students can seek advice of their allocated faculty not only in the field of education but also towards their career progression and future endeavors. Orientation programmes and regular workshops are also conducted in order to sensitize the students about the various aspects of the College. In addition, the tutorial system where faculty members interact with a small group of students (normally 15 to 20 students per group) ensures one to one academic interaction and informal mentoring as well.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6000	200	1 : 30

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
54	54	0	54	26

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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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
MCA	MCA	III/II	09/11/2017	13/02/2018

MCA	MCA	I/I	06/12/2017	12/02/2018
BTech	All Discipline	VII/IV	16/11/2017	12/02/2018
BTech	All Discipline	V/III	08/11/2017	12/02/2018
BTech	All Discipline	III/II	15/11/2017	12/02/2018
MBA	Business Applications	III/II	06/11/2017	06/02/2018
MBA	Business Applications	I/I	06/12/2017	08/02/2018
BBA	Business Applications	V/III	06/11/2017	05/02/2018
BBA	Business Applications	III/II	06/11/2017	05/02/2018
BBA	Business Applications	I/I	04/12/2017	12/02/2018
BA LLB	Law	VI/III	23/04/2018	12/06/2018
BA LLB	Law	IV/II	04/04/2018	18/06/2018
BA LLB	Law	II/I	06/04/2018	19/06/2018
Mtech	All Discipline	IV/II	23/04/2018	18/06/2018
Mtech	All Discipline	II/I	09/04/2018	25/06/2018
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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	6000	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)

<https://www.bharathuniv.ac.in/colleges1/downloads/curriculum%20&%20syllabus.pdf>

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
Mtech	Mtech	All Disciplines	290	240	82.75
MBA	MBA	Business Applications	120	83	69.16
BALLB	BA LLB	Law	54	39	72.2

Computer Application	MCA	Computer Application	58	49	84.48
BA	BA	Arts	78	63	80.76
BCOM	BCom	Commerce	58	48	82.75
BBA	BBA	Business Applications	83	71	85.54
MArch	MArch	Architecture	18	17	94.44
BArch	BArch	Business Applications	68	53	77.94
BSCN	BSc Nursing	Nursing	58	47	81.03
MSCN	MSc Nursing	Nursing	46	38	82.60
BPTP	BPT	Physiotherapy	57	52	91.22
MA	MA	Arts	47	39	82.97
BSCS	BSc	Science	720	629	87.36
BCAC	BCA	Computer Application	58	49	84.48
BTECH	BTech	All Disciplines	2350	1923	81.82
MBBS	MBBS	Medicine	350	311	88.85
LLB	LLB	Law	48	41	85.41
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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)

<https://www.bharathuniv.ac.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
No Data Entered/Not Applicable !!!		
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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
No Data Entered/Not Applicable !!!				
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
No file uploaded.		

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
No Data Entered/Not Applicable !!!				
No file uploaded.				

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
No Data Entered/Not Applicable !!!					
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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
Informational Technology	1
Science and Humanities	3
Electronics and Communication	5
Medical	6
Computer Science and Engineering	10
Managements	3
Mechanical Engineering	2
Biomedical Engineering	2
Electrical and Electronics Engineering	1
Dental Science	3

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)
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!	
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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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 Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!						
View File						

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	845	381	52	426
Presented papers	739	288	39	412
Resource persons	53	27	8	117
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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)
BIOMEDICAL ENGINEERING	MANMOGRAM IMAGE CLASSIFICATION USING WAVELET BASED COOCCURRENCE FEATURES	HDR PVT LTD	182000
BIOMEDICAL ENGINEERING	ANALYSIS OF CT LIVER IMAGES FOR TUMOUR DIAGNOSIS BASED ON CLUSTERING TECHNIQUE AND	VINTNERS PVT LTD	168000

	TEXTURE FEATURES		
BIOMEDICAL ENGINEERING	MEDICAL IMAGE STORAGE AND RETRIEVAL USING IRMA AND ABNORMALITY CODES	HDR PVT LTD	150000
BIOMEDICAL ENGINEERING	IMPLEMENTAION OF A DIAGNOSTIC ALGORITHM IN A MEDICAL EXPERT SYSTEM FOR CLINICAL DIAGNOSIS	VINTNERS PVT LTD	110000
ELECTRONICS COMMUNICATION	MEMS ACCELEROMETER BASED PASSWORD RECOGNITION USING GSM MODEM	APOTEX PVT LTD	216700
ELECTRONICS COMMUNICATION	IMPULSIVE DRIVE IN SELF PROPELLED SYSTEM USING WIRELESS SENSOR NETWORK FOR AUTOMOTIVES	BHARAT BIOTECH PVT LTD	314345
COMPUTER SCIENCE	A COMPARATIVE STUDY OF META CLASSIFIER ALGORITHMS ON MULTIPLE DATASETS	VINTNERS PVT LTD	450000
ELECTRONICS COMMUNICATION	MOBILE DATA COLLECTION IN WIRELESS SENSOR NETWORKS USING BOUNDED RELAY HOP	ARCHIRA PVT LTD	112000
ELECTRONICS COMMUNICATION	SECRET SHARING USING VISUAL CRYPTOGRAPHY BASED ON REVERSED IMAGES	SAMI LABS PVT LTD	113000
COMPUTER SCIENCE	THE SECURE GROUP COMMUNICATION (S G C) IN SENSOR NETWORKS	MICROCHIP	250000
COMPUTER SCIENCE	AUTONOMOUS SCHEDULING SCHEME FOR MARKET LINE COMPUTATIONAL GRIDS	HDR PVT LTD	300000
COMPUTER SCIENCE	ENABLING COLLABORATIVE APPLICATION ON THE INTRANET USING OVERLAY MULTICAST ARCHITECTURE	VINTNERS PVT LTD	300000
COMPUTER SCIENCE	IPTV SERVICES OVER WIRELESS	NAVEEN ENGINEERING WORKS	200000

	WINMAX NETWORKS		
COMPUTER SCIENCE	IMAGE SUPER RESOLUTION USING SUPPORT VECTOR REGRESSION	NAVEEN ENGINEERING WORKS	250000
COMPUTER SCIENCE	PRODUCT ASPECT RANKING AND ITS APPLICATIONS	NAVEEN ENGINEERING WORKS	240000
COMPUTER SCIENCE	COMPUTER AIDED BLEEDING DETECTION IN WIRELESS CAPSULE ENDOSCOPY	HDR PVT LTD	170000
COMPUTER SCIENCE	AUTOMATIC CLASSIFICATION OF PATHOLOGICAL RETINAL IMAGES USING SURF DESCRIPTOR	MICROCHIP	200000
COMPUTER SCIENCE	EFFICIENCY OF INFORMATION RETRIEVE IN LOCATION SPECTRUM	NAVEEN ENGINEERING WORKS	350000
COMPUTER SCIENCE	LOCATION VERIFICATION AND SECURE THROUGH DATA AGGREGATION FOR WIRELESS SENSOR NETWORKS	HDR PVT LTD	250000
COMPUTER SCIENCE	RESEQUENCING ANALYSIS OF STOP AND WAIT ARQ FOR PARALLEL MULTICHANNEL COMMUNICATIONS	NAVEEN ENGINEERING WORKS	170000
COMPUTER SCIENCE	SELECTION OF ACADEMIC STAFF USING THE FUZZY ANALYSIS HIERARCHY PROCESS (FAHP)	VINAYAKA INFOTECH	250000
COMPUTER SCIENCE	AUTOMATIC VIDEO OBJECT EXTRACTION USING CRF AND VISUAL SALIENCY METHOD	VINTNERS PVT LTD	250000
COMPUTER SCIENCE	AUTHENTICATED ANONYMOUS SECURE ROUTING FOR MANETS IN ADVERSARIAL ENVIRONMENTS	VINAYAKA INFOTECH	250000
COMPUTER SCIENCE	DECENTRALIZED ACCESS CONTROL WITH ANANYMOUS AUTHENTICATION OF	HDR PVT LTD	280000

	DATA STORED IN CLOUDS		
COMPUTER SCIENCE	DATA SECURITY COMBINING STENOGRAPHY WITH CRYPTOGRAPHY	VINTNERS PVT LTD	250000
COMPUTER SCIENCE	BUILDING MOBILE ADHOC SOCIAL NETWORKS ON TOP OF ANDROID	VINAYAKA INFOTECH	260000
COMPUTER SCIENCE	LOCATION SENSOR	VINAYAKA INFOTECH	250000
CIVIL	A CASE STUDY ON TRAFFIC ANALYSIS OF CAMP ROAD JUNCTION	KHANDELWAL LABORATORIES PVT LTD	150000
CIVIL	ANALYSIS OF TRAFFIC AT KOTTURPURAM JUNCTION, CHENNAI A CASE STUDY	MEDI BIOTEK (INDIA) PVT LTD	125000
CIVIL	A CASE STUDY ON EVALUATION OF LAND SURFACE TEMPERATURE OF CHENNAI METROPOLITAN AREA USING LAND SALT IMAGE	VINTNERS PVT LTD	175000
ELECTRONICS COMMUNICATION	EMBEDDED SYSTEM FOR ADVANCED INTEGRATED METER READING SYSTEM BASED ON CAN PROTOCOL	ORCHID PHARMA PVT LTD	213000
ELECTRONICS COMMUNICATION	SMART DUST NETWORK FOR TACTICAL BORDER SURVEILLANCE SYSTEM USING MULTIPLE SIGNATURES	ARCHIRA PVT LTD	120000
ELECTRONICS COMMUNICATION	IMMOBILIZER USING 802.15.4 MUTUAL AUTHENTICATION PROTOCOL	ORCHID PHARMA PVT LTD	212231
ELECTRONICS COMMUNICATION	A REAL TIME CONDUCTOR SAG MEASUREMENT SYSTEM USING A DIFFERENTIAL GPS	BHARAT BIOTECH PVT LTD	112343
ELECTRONICS COMMUNICATION	ON PERFORMANCE IMPROVEMENT OF WIRELESS PUSH SYSTEM VIA SMART ANTENNAS	HDR PVT LTD	155000
ELECTRONICS	A ASSIGNATION	APOTEX PVT LTD	125000

COMMUNICATION	BASED APPROACH ENABLING ENERGY EFFICIENT SENSORY DATA COLLECTION WITH MOBILE SINKS		
COMPUTER SCIENCE	DATA MINING TECHNIQUES FOR SOFTWARE EFFORT ESTIMATION TO IMPROVE COST EFFICIENCY.	ACCEL FRONTLINE LTD	400000
COMPUTER SCIENCE	INNOVATIVE PROCESS FOR MACROSCOPIC REQUIREMENT GATHERING	VI MICROSYSTEMS PVT LTD	500000
COMPUTER SCIENCE	DATA MINING IN SOCIAL NETWORK MEDIA ENVIRONMENT ANALYSIS	MICROCHIP	500000
COMPUTER SCIENCE	DATA MINING TECHNIQUES FOR SOFTWARE EFFORT ESTIMATION TO IMPROVE COST EFFICIENCY	HDR PVT LTD	550000
COMPUTER SCIENCE	HIDING A SECRET IMAGE AS MULTIPLE SHARE USING VISUAL CRYPTOGRAPHY AND STEGANOGRAPHY	VI MICROSYSTEMS PVT LTD	450000
COMPUTER SCIENCE	DETECTING ABANDONED OBJECTS USING CAMERA	ACCEL FRONTLINE LTD	225000
COMPUTER SCIENCE	RELAY QUERY MESSAGE IN UNSTRUCTURES PEER TO PEER NETWORKS USING DYNAMIC SEARCH ALGORITHM	VINTNERS PVT LTD	200000
COMPUTER SCIENCE	EFFICIENT ROUTING IN ADHOC NETWORKS	VINTNERS PVT LTD	250000
COMPUTER SCIENCE	ANALYSIS AND IMPLEMENTATION OF QOS IN GPRS PERFORMANCE	HDR PVT LTD	250000
COMPUTER SCIENCE	A FRAMEWORK FOR MULTIMEDIA CONNECTION MANAGEMENT	NAVEEN ENGINEERING WORKS	200000
COMPUTER SCIENCE	A SOURCEDISTRIBUTION FOR APPLICATION	VI MICROSYSTEMS PVT LTD	300000

	DELIVERY PLAN		
CIVIL	DEVELOPING A 3D MODEL MAP USING OPEN SOURCE GIS FOR BHARATH UNIVERSITY CAMPUS	KHANDELWAL LABORATORIES PVT LTD	155000
CIVIL	ACCIDENT ANALYSIS IN EAST TAMBARAM MEDAVAKKAM ROAD A CASE STUDY	CLONEGEN PVT LTD	155000
CIVIL	VISION BASED AUTONOMOUS UNDERWATER VEHICLE FOR PIPELINE TRACKING AND MONITORING	BIOCHEM PVT LTD	325000
CIVIL	AUTOMATIC IRRIGATION SYSTEM	HINDUSTAN CONSTRUCTIONS	245000
MECHANICAL	EXPERIMENTAL INVESTIGATION ON THE EFFECT OF NANO ADDITIVES ON A CI ENGINE USING BIODIESEL WITH VARYING INJECTION PRESSURE	FORTUNE DISTILLERS	280000
MECHANICAL	MECHANICAL PROPERTIES OF GLASS FIBRE EPOXY COMPOSITE THEIR APPLICATION	NAVEEN ENGINEERING WORKS	345000
MECHANICAL	CFD ANALYSIS OF STAGNATION OF GAS IN CONDENSORS IN POWER PLANT	TECHNOLOGY SYSTEMS DEVELOPMENT	209186
MECHANICAL	DEVELOPMENT OF CATALYST THROUGH PRECISE MODIFICATION OF METAL OXIDE SURFACE IN CATALYST CONVERTER	VINTNERS PVT LTD	312000
MECHANICAL	EXPERIMENTAL INVESTIGATION ON COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF DIFFERENT BIODIESEL IN INTERNAL COMBUSTION ENGINES	TECHNOLOGY SYSTEMS DEVELOPMENT	346000
MECHANICAL	STUDY OF MICROSTRUCTURE AND PROPERTIES OF	SERC PVT LTD	388000

	ALUMINIUM ALLOYS FOR AUTOMOBILE APPLICATIONS		
COMPUTER SCIENCE	STUDIES ON CYBER CRIME FOR SOCIAL NETWORKS	TECHNOLOGY SYSTEMS DEVELOPMENT	300000
COMPUTER SCIENCE	MINING AND CLUSTERING OF BIGDATA FROM SOCIAL NETWORK	MC TECHNOLOGIES	250000
COMPUTER SCIENCE	STUDIES ON SECURITY OF PATTERN CLASSIFIERS	MNRE	224000
COMPUTER SCIENCE	UNIFORM EMBEDDING FOR EFFICIENT JPEG STEGANOGRAPHY	VI MICROSYSTEMS PVT LTD	227000
COMPUTER SCIENCE	STUDIES ON EXPLOITATION OF SEMANTIC STRUCTURES FOR BUILDING THE SEMANTIC WEB CLOUD COMPUTING	MICRO CHIP	246000
COMPUTER SCIENCE	KEY AGGREGATE CRYPTOSYSTEM OF VITAL DATA DISTRIBUTION IN CLOUD ENVIRONMENTS	VINTNERS PVT LTD	332000
COMPUTER SCIENCE	PRIVACY PRESERVING PUBLIC AUDITING FOR SECURE CLOUD STORAGEREPlica	MICRO CHIP	215000
COMPUTER SCIENCE	UTILIZING MAPREDUCE FOR CHURN PREDICTION	MNRE	220000
COMPUTER SCIENCE	A LIGHT WEIGHT AND RESPONSIBLE TRUST SYSTEM ORGANIZATION FOR CLUSTER WIRELESS SENSOR NETWORKS	ORBIT EDUTECH PVT LTD	550000
COMPUTER SCIENCE	EFFECTIVE DETECTION AND SECURITY OF SOURCE CODE THEFT BASED ON SOFTWARE BIRTHMARK	ACCEL FRONTLINE LTD	600000
COMPUTER SCIENCE	EFFICIENT SHORTEST PATH ROUTING USING RTOS IN MOBILE AD HOC NETWORKS	CIRCULAR EDGE SOLUTIONS PVT LTD	500000
COMPUTER SCIENCE	CATCHING PACKET DROPPERS AND	MERITT TECHNOLOGIES	600000

	MODIFIERS IN WIRELESS SENSOR NETWORKS USIN. MESSAGE AUTHENTICATION CODE		
COMPUTER SCIENCE	AN EFFICIENT MINING PROCEDURE FOR GENE SELECTION BY USING SELECT ATTRIBUTES	VI MICROSYSTEMS PVT LTD	400000
COMPUTER SCIENCE	TRACING AND PURSUING OBJECTS IN VISUAL SURVEILLANCE SYSTEM BY MODIFIED OVERLAP TRACKER	MICROCHIP	500000
COMPUTER SCIENCE	SECRETKEYGENERATION FOR MOSAIC IMAGE	VI MICROSYSTEMS PVT LTD	500000
COMPUTER SCIENCE	A USER CONCEPT MODEL FOR PERSONALIZED INFORMATION GATHERING AND RETRIEVAL	VINTNERS PVT LTD	400000
BIOMEDICAL ENGINEERING	PRODUCING SYNTHETIC SPEECH FROM PHYSICALLY CHALLENGED PEOPLE BASED ON THEIR HAND GESTURE VIA SINGLE SOUND SYNTHESIZER IC	MEDI BIOTEK (INDIA) PVT LTD	121731
BIOMEDICAL ENGINEERING	AUTO ALERT SYSTEM FOR CLEFT SPINE DEFECT	HDR PVT LTD	150000
BIOMEDICAL ENGINEERING	IMPROVING IMAGE QUALITY OF CT IMAGES USING DENOISING FILTERS	VINTNERS PVT LTD	175000
BIOMEDICAL ENGINEERING	MEDICAL IMAGE SEGMENTATION FOR MRI BRAIN TUMOUR DETECTION BASED ON TEXTURE FEATURE AND GROWCUT METHOD	APOTEX PVT LTD	145000
BIOMEDICAL ENGINEERING	UNIVERSAL FILE FORMAT EXCHANGE FOR BIOMEDICAL SIGNALS	GAUTHAM CAPS PACKAGINGS	175000
BIOMEDICAL ENGINEERING	SKIN LESION CLASSIFICATION USING TEXTURE FEATURES HIREARCHIAL KNN CLASSIFIER	MEDI BIOTEK (INDIA) PVT LTD	165000

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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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

No file uploaded.

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
No file uploaded.			

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
1121	982

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
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
AutoLib	Fully	32GF	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Digital Database	89563	223907500	89773	224432500	179336	448340000
CD & Video	2691	134550	1000	101460	3691	236010
Text Books	148273	51895550	20000	6000000	168273	57895550
Reference Books	48000	14400000	10224	3578400	58224	17978400
e-Books	15000	3000000	10000	1500000	25000	4500000

e-Journals	1433	3582500	1000	3000000	2433	6582500
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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	3819	40	100	3	15	20	224	100	0
Added	167	6	2	0	2	5	4	0	0
Total	3986	46	102	3	17	25	228	100	0

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
No Data Entered/Not Applicable !!!	

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
78325600	1456789	181475900	214918571

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

The policy of the College is to fulfil and upgrade the infrastructural requirements as and when such need arises. Various committees of the College are constituted to plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized. These include: 1. Staff Council 2. Timetable Committee 3. General Purchase/Procurement Committee 4. Building Committee 5. Library Committee Procedure for maintenance of facilities: The College ensures regular maintenance and upkeep of all infrastructural facilities. The maintenance work is carried out by trained inhouse experts as well as outsourced to appropriate outside agencies. A fulltime caretaker is appointed by the College to ensure the cleanliness,

hygiene, sanitation, water supply, electricity, security and stationery condition and to update the Principal of the institution about the current/ daily state of affairs. Furniture and equipment are purchased on regular basis as per the requirements. The College has its own fulltime plumber, electrician, sweepers and gardeners. The College has appointed a Senior Technical Assistant and a Computer Network Assistant to provide regular support services relating to computer hardware and software. They also ensure the allotment of WiFi passwords to individual students and faculty members. The College awards Annual Maintenance Contracts (AMCs) to external agencies/private vendors for the maintenance of computers, LAN, servers, printers, projectors, scanners, laptops and biometric attendance system. Procedure for utilisation of facilities: The decisions in respect to the proposals for initiating new programmes or activities in the College are taken in the staff council meetings. The decisions are then taken to the Governing Body for approval. The timetable committees evaluate the possibilities of rational and optimal use of the time and space available. Rooms of different sizes are allotted in accordance with the size of the classes. They make recommendations periodically about the need for expanding the existing space, remodeling or reusing the existing space. Further, suggestions are made for the most efficient use of the time frame, keeping in mind the need to balance academics, cocurricular and extracurricular activities.

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	BIHER	3985	109722442
Financial Support from Other Sources			
a) National	STATE	76	37669176
b) International	OTHER COUNTRY	35	1750000
No file uploaded.			

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
Stress Management during Examinations	20/09/2017	320	Department of Phycology, SBMCH
Yoga	17/07/2017	650	Department of Engineering
Personal Counselling	14/08/2017	380	Department of Management Studies
No file uploaded.			

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	Number of benefited students by	Number of students who have passed in	Number of students placed
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		competitive examination	career counseling activities	the comp. exam	
2018	Students Counselling Centre	576	2156	753	2965
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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
3	3	9

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
119	1850	1709	46	1460	1256
No file uploaded.					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2017	386	B.TECH, B.SC, B.COM, B.A, M.A	All Discipline	Oxford University MIT Sloan, USA HEC, Paris Science Po, Paris London School of Economics London Business School National University of Singapore Singapore Management University Deakin University Bocconi University, Italy Imperial College, London Univ	Master in Management Master in Finance Masters in Financial Economics M. Sc. Finance M. Sc. in Financial Economics Masters in International Economics M.Com. MBA CA CFA CS CMA FRM M.S

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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	19
SET	9
SLET	8
GATE	5
GMAT	6
CAT	2
GRE	16
TOFEL	9
Civil Services	16
Any Other	13

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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
Cricket	South Zone	16
Foot Ball	South Zone	18
Volley Ball	South Zone	27
Basket Ball	South Zone	25
Badminton	South Zone	4

No file uploaded.

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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No Data Entered/Not Applicable !!!

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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)

A healthy and active representation of students in decision making is the idea behind college union. The college union becomes an inevitable part of a democratic college, since it gives the students abundant opportunities to express themselves. The union members are given due representation in the decision making processes in the college. Representatives from the union are also members in various academic and administrative bodies and committees like 1 NRI Students 2 NSS Cell 3 Railway Passes 4 Transport 5 Boys Hostel 6 Girls Hostel 7 Discipline 8 AntiRagging 9 Canteen and Cafeteria 10 Girls Hostel Advisory 11 Boys Hostel Advisory 12 Students' Grievance Redressal 13 IEEE Chapter 14 SAE Chapter 15 Women's Forum 16 Employees' Grievance Redressal Committee 17 Against Sexual Harassment 18 Power Supply 19 Gardening 20 Alumnus

Cell 21 Sports Department 22 Central Stores 23 Purchases 24 Information Technology 25 Hardware Computer Network 26 Construction 27 Safety Committee 28 Maintenance Aspects 29 Web Committee 30 Library Advisory Committee 31 University ERP 32 Energy Audit and Control 33 BU Newsletter Editorial Board 34 BU Ombudsman 35 IQAC 36 International Relations 37 Centre for Extension Activities . Through this we ensure that the voices of the students are heard in all matters related to the college. The participation of union representatives in these committees also act as a platform for the students to address their concerns and present their ideas and suggestions. The College Union is also a platform for the students to engage creatively in their campus life and learn to develop responsibility and leadership skills. Various programmes are organized and conducted under the union banner like arts club, sports club, planning forum, women's cell etc. These programmes do play a major part in implanting traits like teamwork, Sportsman spirit, the drive to stride for bringing the best in one's self etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institute has registered Alumni Association , There is a close interaction between alumni, almanac and administration frequently arranged meeting and interacting each other's and obtaining the feedback for improvement in the academic in terms of curriculum and syllabus content improving the infrastructure in the laboratories Industry training and placements The Alumni Association conducts Alumni meets annually. Felicitates distinguished alumni and invites them for guest lectures. The Alumni share their expertise and skills by giving guest lectures and conducting workshops during the alumni meet. Recommendations are given to alumni for higher education in Indian and foreign Universities.

5.4.2 – No. of registered Alumni:

27538

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

238900

5.4.4 – Meetings/activities organized by Alumni Association :

There is a close interaction between alumni, almanac and administration frequently arranged meeting and interacting each other's and obtaining the feedback for improvement in the academic in terms of curriculum and syllabus content improving the infrastructure in the laboratories Industry training and placements Institute has registered Alumni Association The Alumni Association conducts Alumni meets annually. Felicitates distinguished alumni and invites them for guest lectures. The Alumni share their expertise and skills by giving guest lectures and conducting workshops during the alumni meet. Recommendations are given to alumni for higher education in Indian and foreign Universities.

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)

Case Study -Recruitment Process for faculty members Recruitment of faculty is one of the important processes in the institute in which even an iota of nepotism or any consideration other than pure merit will undermine and vitiate the system with lasting adverse consequences. Therefore institute has made it a

very transparent processes fully carried out by the faculty members down the line with only formal approval given by the Vice Chancellor and the management has no say in it. For this purpose a committee called

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	1. Online Entrance Examinations for admissions. 2. Educational conferences and fairs. 3. Merit Scholarships by BIHER. 4. Students Admission Cell to make the admission process seamless and smooth. 5. Guidance to candidates to get educational loans from leading banks.
Curriculum Development	Effective inclusion of feedback and suggestions of stakeholders namely eminent people from industry, alumni, PG students, Research Scholars, Employees, Heads of interdisciplinary programs and members of Board of Studies. Inclusion of field work, industry visits, MOOC courses in the curriculum.
Teaching and Learning	Outcome Based Education (OBE), Choice Based Credit System (CBCS), Choice of NCGPA credits / Credit Transfer / MOOC equivalence, Online Assessments, Smart Class rooms, Flip Class room concepts, Student Learning Outcomes and learning profile for each course.
Library, ICT and Physical Infrastructure / Instrumentation	1. Fully automated, well stocked and airconditioned central library - sprawling around 40000 sqft. of carpet area. 2. Barcode / RF Enabled Circulation and Surveillance. 3. Multimedia Enabled Digital Library. 4. Student records/ attendance/ internal marks/ fee payments/ fully computerised. 5. Entire correspondence through emails moving towards paperless office. 6. Purchase / salary / leave records of faculty/ applying leave etc. fully computerised. 7. WiFi enabled campus.
Human Resource Management	1. Dedicated directorate for Human Resource Management. 2. Well written handbook for Staff Management, Promotions, Powers and functions of each etc. 3. Online advertisement for recruitment and submission of Resume through portal. 4. Advertisement in

	wide range of national and regional newspapers. 5. Reimbursement of professional body membership fees to encourage active participation in academic society.
Industry Interaction / Collaboration	1. Dedicated Industry Institute Interaction Cell. 2. Corporate Training Cell established to collaborate with the employee training programs of corporates. 3. Collaborative MoUs with across the nation and globe. 4. Laboratories set up in collaboration with industries and corporates
Examination and Evaluation	1. Internal Assessment: End Semester Examination 40: 60. 2. Cycle Test/Model Examination/Assignments for internal assessment. 3. The learning outcomes are measured at each and every stage of the continuous assessment process through analytics and profile is generated for every which focuses on the learning outcomes. 4. Digital Valuation System for assessment, revaluation and photocopy of the answer scripts. 5. The final EndTerm Examination is coordinated and conducted by the Office of the Controller of Examinations. An Academic Calendar is prepared in the beginning of each Academic Year by incorporating dates of both internal assessment and Final EndTerm examinations. The same would be circulated to all the faculty members and students through the Deans/HoDs of all departments.
Research and Development	1. Plagiarism checking cell is formed and all the proposed publications are screened before submission. 2. To enhance research culture and research environment, many programs such as workshops and seminars are conducted. 3. Incentives for Publications, Awards, Patents etc. are given. 4. Travel Abroad Scheme for all Employees for research purposes. 5. Projects funded by private sector such as Industries and private R D houses and research consultancies. 6. Projects funded by the university.

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

E-governance area	Details
Examination	The planning and conduct of Examinations are carried out by the ERP. The process of evaluation and compilation and declaration of results

	are carried out by the ERP.
Planning and Development	We have sophisticated Enterprise Resource Planning system for Planning and development
Administration	We have sophisticated Enterprise Resource Planning system for Administration processes of the university.
Finance and Accounts	All the financial operations and accounting are carried out using the ERP system.
Student Admission and Support	The admission processes are through the ERP. In addition to that students have individual login credentials and have guidance and access to all student support services

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Mohankumar D D	SAE International Conference 2017	SAEINDIA	12000
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Computer Literacy Training	Computer Literacy Training	13/12/2017	15/12/2017	30	20
No file uploaded.						

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
Refresher Course	12	26/12/2017	28/12/2017	21
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
78	78	132	132

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
4	8	7

6.4 – Financial Management and Resource Mobilization

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

BIHER has qualified Chartered Accountants(internal Auditors) to supervise the Internal Audit Functions and they ensure that all the procedures and guidelines set by the Board of Governance and Management are strictly adhered to while carrying out the transactions. The Chartered Accountants also ensure that the recording of transactions are carried out in the ERP and participate in the purchase procedure/approval of purchases initiated by the respective Dean / Directors of the faculty. Apart from the above BIHER has two External Internal Auditors who represent very reputed practicing Chartered Accountants Firm for carrying out the Procedural, Transaction and compliance Audit

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
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	ABET	Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Each School and administrative function sets their own individual strategies along with Experts

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

Parent Teacher's Meet regularly conducted and the grievances and suggestions from the parents are collected and due measures are taken accordingly. The feedback from the parents are collected for the purpose of curriculum development.

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

Training Program on Computer Based Productivity tools conducted Training

Program on occupational safety conducted Program on stress Managements for Support Staff was conducted

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

Streaming of Internal Promotion Process Reformns in Central Valuvation Process
Tracing of funds received on account of sponsored research Projects

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
No file uploaded.					

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
Legal Awareness about Women Related Laws	13/09/2017	14/09/2017	54	36
Seminar on Gender Sensitisation	17/01/2018	18/01/2018	49	35
Women's Rights and Access to Criminal Justice System	11/12/2017	13/12/2017	42	37
Self Defence workshop for Girls organised by NSS	16/02/2018	17/02/2018	112	0
Awareness Program on safety and Respect	05/03/2018	05/03/2018	147	12
Seminar on International Women day Celebration by Department of	08/03/2018	08/03/2018	229	42

Biomedical Engineering				
Lecture on domestic violence by LAW department	23/04/2018	23/04/2018	106	36
Basic Computer Literacy Training to rural and semi Urban Women by the Women Empowerment Cell	09/01/2018	12/01/2018	54	0

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
Eight percentage of the total power requirement is met by renewable energy sources

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	32
Rest Rooms	Yes	32

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
2017	2	2	18/10/2017	2	Awareness on Dengue	Dengue	204
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
Employees Handbook	07/07/2017	Revised Code of Conduct - 2017.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Environmental Preservation and Plantation Drive	13/12/2017	13/12/2017	284
Traffic Safety Program	29/01/2018	29/01/2018	179

Yoga and Meditation Classes	08/02/2018	10/02/2018	63
Guru Purnima	07/07/2017	07/07/2017	396
No file uploaded.			

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

1. Solar Power Plants 2. Sewage treatment plant for water re-circulation 3. Plastic free campus 4. Paperless Office 5. Use of Bicycles promoted

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

COMPENSATORY CLASSES for slow learners and SEMESTER ABROAD PROGRAM for Advanced Learners

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

http://www.bharathuniv.ac.in/best_practice

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

To emerge as a World - Class University in creating and disseminating knowledge, and providing students a unique learning experience in Science, Technology, Medicine, Management and other areas of scholarship that will best serve the world and betterment of mankind Research is the thrust area which can enable BIHER to

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

a. To become one of the high ranked universities in the world by performing strongly in the parameters of World University Rankings by QS and THE b. To go for accreditation of programs by IET c. Recruitment of world class faculty members. d.To achieve the standards on research publications and deliverables on par with the world e. To go for accreditation of programs by NBA for engineering programs