



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

JSSF'S B. R. HARNE COLLEGE OF ENGINEERING AND TECHNOLOGY

**AT - KARAV, POST - VANGANI(W.), TALUKA - AMBERNATH, DISTRICT -
THANE, 421 503.**

421503

WWW.BRHARNETC.EDU.IN

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

September 2018

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Jai Shree Siddhivinayak Foundation was established in the year 2007 with a social commitment of providing professional, competitive and industry relevant education to the younger generation of rural and urban area. The globalization and liberalization have changed all the concerns and references. There is a need to reconsider the present education at all its levels and hence it is necessary to deviate from the traditional methods and use the new methods and technology for imparting education.

In today's era of globalization, an organization needs qualified technocrats and managers filled with enthusiasm and spirit of hard work blended with self confidence to achieve their goals. At Jai Shree Siddhivinayak Foundation's B. R. Harne College of Engineering and Technology, we have put together the organizational learning and insights gathered over time and combined them with innovative, state-of-the-art delivery mechanisms that will equip the younger generation to take on the challenges both in India and overseas.

B. R. Harne College of Engineering and Technology was started in 2011, Institute has developed excellent infra-structural facilities with well-equipped laboratories and an enriched library, which will be updated regularly. We believe that in nearby future our institute will produce competent technocrats and managers who will make significant contribution to the corporate world, industries all over the world and society.

Vision

To become benchmark institute in rural areas around Mumbai, Where learning is a joy and Technical education will endeavor to raise employ-ability of our student in Industry, Competency in Profession and Leadership in Society by imparting high degree of social and moral values.

Mission

- To impart quality technical education by timely updated curriculum in competent academic program.
- To create engineers self-disciplined, mentally robust and morally strong with a sense of purpose.
- To fosters an involvement and commitment of all stakeholders in continuous improvement in performance and quality of education by creating good environment

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- 1) Good Infrastructure
- 2) Supportive management
- 3) Pleasant and noise free environment
- 4) Facilities like well equipped Gym

- 5) Facilities for indoor/outdoor games
- 6) Well Qualified and Supportive Faculty and Staff

Institutional Weakness

- 1) Faculty Qualification (Ph.D)
- 2) Faculty Research Publication, Funded Projects, Consultancy Work etc.
- 3) Institutional and Departmental MOUs.
- 4) Admission Percentage in some departments
- 5) Placement Percentage

Institutional Opportunity

- 1) Getting NAAC accreditation with good grade
- 2) Fetching the Research Funds, Funded Projects, Consultancy Work etc. in the areas like renewable energy, solar energy etc
- 3) Improving the placement Percentage.
- 4) Strengthening Industry-Institute Interaction and also Collaboration with more reputed industries.
- 5) Developing Incubation center under Entrepreneurship Development Cell.
- 6) Preparing students for competitive Examinations Like GATE, UPSC, MPSC etc.
- 7) Alumni networking to enhance the academic and placement activities by forming alumni association.

Institutional Challenge

- 1) Faculty Retention
- 2) Present scenario of admission
- 3) Average quality of admitted students
- 4) Tie-ups with National and International Educational Institutes.
- 5) Enhancing Soft-skills, Aptitude Skills and Technical skills of the students through Value Added Programs.
- 6) Funded research projects with collaboration of government and private organizations.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

B. R. Harne College of Engineering & Technology is situated at Vangani (W), Tal. – Amaranth, Dist. – Thane. is a self financing Institute affiliated to University of Mumbai. All Faculty members are encouraged to participate in various activities/ bodied of MU. Institute follows the curriculum designed by MU. The PO and CO are prepared by faculty for effective delivery of respective course. The students are given a choice to choose Elective Course in TE/ BE of Engineering. The academic calendar is followed by every department, which is prepared according to MU academic calendar. The academic progress of student is monitored by Mentor Faculty Member assigned by Head of Department. All students are encouraged to participate in Value

Added and Life Skill Programs . Stakeholder feedbacks are collected through feedback forms regarding improvement in various processes carried out in the Institute & after analysis corrective measures are taken for improvement.

Teaching-learning and Evaluation

The institution adheres to the rules and regulations of University of Mumbai. The admission process of the first and direct second year is transparent and the Centralized Admission Process (CAP) is monitored and regulated by the Directorate of Technical Education (DTE), Government of Maharashtra. Students from different diversity including category, gender and locality are enrolled in the Institution. The institution has an effective plan for implementation of teaching-learning processes. The faculties prepare and follows teaching plan for effective teaching-learning and evaluation process.

At the end of every semester, a review of the teaching-learning process is carried out and subject distribution for the next semester is done. Thus, faculties get sufficient time to prepare course content. A review of syllabus coverage is taken in every academic month. The institution has a transparent process to recruit experienced and qualified faculties. Teachers and students also attend workshops and conference for enhancing their knowledge. Faculties are encouraged to use ICT-based tools, NPTEL videos, e-resources, language lab software and ERP software to enhance the teaching-learning process at the institution. Course Outcomes (COs) –Program Outcomes (POs) mapping of every course is carried out for all departments. After assessments of COs- POs and COs-PSOs, the outcome is used to identify attainment level of program outcome. The institution has dedicated exam section to take care of Examinations conducted by University of Mumbai and its all related work.

Research, Innovations and Extension

The institution is working continuously for imbibing culture of Research and Development (R&D) under the leadership of the Principal, industry person and senior faculty members from each department. The institution organizes various workshops, guest lectures, conferences for cultivating the research atmosphere. At present, the institution has two Ph.D. holders and five faculties are pursuing Ph.D. from renowned universities. Institution is setting up Incubation Centre to promote entrepreneurship through Industry Institute Interactions. Students participate in various technical activities and events. The institution provides financial support to the faculties and students for attending/ publishing their research work in reputed national and international journals/conferences. Various social activities are conducted under Extension Activity Cell of BRHCET. Every year this cell organizes blood donation camp, Swach Bharat Abhiyan, visits to schools in rural areas and old age homes. Students as well as faculty actively participate in all extension activities. The institution has signed many Memorandums of Understanding related to organizing student and faculty centric activities.

Infrastructure and Learning Resources

B. R. Harne College of Engineering & Technology is situated at Vangani (W), Tal. – Ambarnath, Dist. – Thane. The Campus is spread over 11.7 Acres of Land with beautiful building coming up. The college has administrative office, classroom and well equipped laboratories, drawing hall, workshop and centralized library. There is huge parking facility for students and staff vehicles. A well equipped infrastructure goes in harmony for imparting quality education. The Institute has class rooms equipped with an LCD projector and adequate physical facilities for student benefit. All the laboratories have sufficient equipments machinery, software and

most of the laboratories have high end equipments for student to suffice the extra learning and understanding apart from academic expectations. The college has seminar halls which are used for multiple activities such as seminars, workshops, conferences and student felicitation. The college central library which has a huge collection of book titles, references, journals, magazines and a digital library facility in order to promote the teaching learning process. A well facilitated gymnasium, huge playground and hygienic and variety menu cafeteria are provided in the college campus for the overall growth, welfare and fitness of the students.

Student Support and Progression

The students admitted in the institution are from diversified background. Schemes of the Government such as free-ship, scholarship, EBC and Minority Scholarship are implemented in the Institution. Institution provide technical and financial support to students for publishing their research work in national and international journals/conferences, to participate in technical activities like BAJA, Robocon, Go-KART and Hackathon etc. Various programmes are implemented for academics and progression towards employment, higher education and entrepreneurship.

Training and Placement Cell of the institution takes efforts for training, placement, industry relations and also for, preparation of competitive examinations like GATE, MPSC, UPSC, IBPS, PSUs and Engineering Services, etc.

The institution organizes annual social gathering “MUDRA” and technical event “Technoblast” to provide platform for the students to explore their hidden talent. Many activities are organized by the Extension Activity Cell of the institution throughout the year. Students are active members of various institution level committees such as Women’s Development/ Grievance cell, Anti-ragging Committee.

The institution is in process of registering Alumni Association. Every year institute conducts alumni meet and convocation. The alumni guide the present students about industry requirements and recent trends in industry.

Governance, Leadership and Management

The vision and mission statement has provided the path towards achieving the goal of setting up benchmark institute in rural areas around Mumbai. Internal quality assurance cell is formed which helps a lot in streamlining the teaching learning process. There by enhancing the performance of the faculty, student of the institute and input from various stake holders the core values are drafted. The management and principal offers effective academic leadership to the faculty, by setting goals and involving them in participative decision-making process in building the organizational culture. Principal and Heads of the Departments have adequate freedom in academic and administrative decision making. IQAC designs, monitors and evaluates all the activities of the academic and administrative processes. The faculty and student representatives and all other stakeholders of the institute participate in framing policies and decision making at the levels of departments and the institute. All academic improvement strategies are planned taking into account the feedback from all the relevant stakeholders and deployed in a transparent and effective manner. Management provides the necessary leadership, financial and administrative support to realize these policies. The management recognizes the need for decentralization, competent human resources and their individual growth in order to achieve excellence. The finances and accounts are duly and periodically audited by external agencies.

Institutional Values and Best Practices

BRHCET takes a number of initiatives to promote gender equity by programmes like Women Empowerment, awareness on Women Sexual Harassment at workplace (Prevention, Prohibition and redressal) Act 2013 and Self Defense for Women. For safety and security measures, number of committees are in action along with facility for counseling students.

The institute is committed and adopted environment-friendly policies with regard to tree plantation, waste management, and use of solar energy and water harvesting.

The Institution facilitates differently-abled (Divyangjan) by availing of physical facilities, provision of lift, ramp, rails, scribes for examination and rest rooms. The institution has several best practices for achieving objectives and an overall development.

The institute organizes various activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations and for promotion of universal values. As well Institute organizes national festivals and birth / death anniversaries of the great Indian personalities.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	JSSF'S B. R. HARNE COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	AT - KARAV, POST - VANGANI(W.), TALUKA - AMBERNATH, DISTRICT - THANE, 421 503.
City	AMBERNATH
State	Maharashtra
Pin	421503
Website	WWW.BRHARNETC.EDU.IN

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	VIKRAM A. PATIL	0251-2483344	9168694970	0251-2910191	BRHCETPRINCIPAL@GMAIL.COM
IQAC Coordinator	SHAILESH R. SAKPAL	0251-2485555	9168694965	-	SHAILS016@GMAIL.COM

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
-----------------------	--

Date of establishment of the college	30-06-2011			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name		Document	
Maharashtra	University of Mumbai		View Document	
Details of UGC recognition				
Under Section	Date		View Document	
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2018	12	EXTENDED ANNUALLY

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	AT - KARAV, POST - VANGANI(W.), TALUKA - AMBERNATH, DISTRICT - THANE, 421 503.	Rural	3	12225

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Automobile Engineering	48	HSC or Diploma	English	60	9
UG	BE,Civil Engineering	48	HSC or Diploma	English	120	116
UG	BE,Computer Engineering	48	HSC or Diploma	English	60	9
UG	BE,Electrical Engineering	48	HSC or Diploma	English	60	29
UG	BE,Electronics And Telecommunication Engineering	48	HSC or Diploma	English	30	0
UG	BE,Mechanical Engineering	48	HSC or Diploma	English	120	47
PG	ME,Civil Engineering	24	Graduation	English	24	15
PG	ME,Mechanical Engineering	24	Graduation	English	24	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	11				23				68			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	11				23				68			
Sanctioned by the Management/Society or Other Authorized Bodies	1				1				104			
Recruited	1	0	0	1	1	0	0	1	57	47	0	104
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				59
Recruited	44	15	0	59
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				15
Recruited	11	4	0	15
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	1	0	0	1	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	57	46	0	103

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	4		0		4

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	197	1	0	0	198
	Female	12	2	0	0	14
	Others	0	0	0	0	0
PG	Male	11	0	0	0	11
	Female	4	0	0	0	4
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	38	59	75	37
	Female	6	4	6	12
	Others	0	0	0	0
ST	Male	1	3	8	2
	Female	0	0	3	0
	Others	0	0	0	0
OBC	Male	90	131	173	109
	Female	5	14	16	20
	Others	0	0	0	0
General	Male	220	198	222	231
	Female	16	12	21	26
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		376	421	524	437

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 216

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	8	8	6

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1171	1455	1579	1400	1103

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
279	294	294	294	270

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
359	457	399	163	1

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
133	178	137	89	80

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
150	152	144	124	84

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 30

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
900	912	806	703	374

Number of computers

Response: 410

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

We follow the syllabus and academic calendar provided by University of Mumbai, We take utmost effort to impart quality education through available curriculum and endeavors to add value in the structured curriculum for its effective implementation.

Principal calls the meeting of all departments HoD's after receiving university academic calendar. In this meeting the list of value added program is discussed and after ascertaining its requirement the list of value added program is approved by the principal and then, he prepares Institutes's academic calendar and provides it to all the HoD's.

HoD's then calls meeting of all the faculty members of the department to review load distribution and also the meeting of member of student's association for discussion on the institutes academic calendar in which value added programs are planned within the available time frame of the semester.

Time table coordinators then prepare the time table of their respective departments by taking reference of academic calendar and load distribution report. Teaching plans are prepared by each faculty for their respective subjects, practical's and tutorials.

HoD's are keeping track of daily lecture conducted, weekly attendance and on the due dates mentioned in Institutes academic calendar. Monthly attendance reports are displayed on the department's notice board. With the last attendance report, the list of defaulter students (if any) is displayed.

Institutes exam section conducts two unit-tests in the timeframe of one semester, first unit test is conducted after completion of 60% syllabus and second unit test is conducted on remaining 40% of the syllabus at the end of semester.

Term-work submission and oral practical examination is conducted as per scheduled time mentioned in the academic calendar as per the guidelines of University of Mumbai.

At the end of semester, departmental review meeting is called by HoD's of all departmental teaching faculty and members of student association. Wherein new add on programs for next semester and teaching load is distributed among the faculty of department based on their experience and expertise .

Academic audit is carried out by the structured team of HoD's of every department after the end of semester and the academic audit report is submitted in the respective department for future planning of curriculum& co-curricular activities.

University's Theory examination is conducted by the exam section of the institute as per the guidelines of university of Mumbai. At last the review meeting is called by the Principal of all HoD's, Wherein any shortcomings in the previous semester are discussed and new strategies for the forthcoming semester are planned.

File Description	Document
Any additional information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 3

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	2	1

File Description	Document
Details of the certificate/Diploma programs	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 320.1

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
73	92	84	80	66

File Description	Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 25

1.2.1.1 How many new courses are introduced within the last five years

Response: 54

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 8

File Description	Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 37.2

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
600	582	552	446	308

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

Institute plans for the overall and holistic development of students in gender issues, environment & sustainability, human values and professional ethics. The institution makes efforts to train the students to integrate cross cutting issues along with academic schedules.

By following the Mumbai university curriculum, the first-year engineering students of all stream get exposed to the subject “Environmental Science”, where they get to know about the environmental issues and importance of sustainability.

In Civil Engineering program, subjects like “Environmental Engineering”, “Industrial Waste Management” and “Solid Waste Management”, makes the students more responsible towards environment. It makes them aware of the significance of recycling, reuse and reclamation of wastes, so that they can give practical solutions to environmental problems in our society.

2012 revised syllabus introduced “Business Communication and Ethics” in the third-year engineering syllabus. The main objective of this subject is to inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach and an ability to understand an engineer’s social responsibilities. The mini projects and major projects in third year and final year engineering increases their ability to work as a team and improve their leadership qualities. The presentations make them capable of facing a audience without hesitation.

The institute makes the students more social responsible citizens by following activities.

- **Gender issues:** Equity within girls’ and boys’ students is well maintained by providing them equal opportunities. Each year institute celebrates Women’s day in a grand manner, on the occasion famous personalities were invited to share their views about gender equality.
- **Women Grievances Committee:** To maintain safety and security to the girls and women a cell has been constituted for redressal of grievances. The cell stays alert all the time to prevent any sexual abuse towards the girl students and ladies staff. If any student or staff faces any harassment, they can file a complaint at the cell, cell will consider the issue, gather evidences and take necessary

actions against the guilty. In association with Women's day celebration institute has conducted self-defense training session for students and staff.

- **Environment & Sustainability:** Institute conducts programs which create environmental awareness and consciousness among the new generation. Swach bharaoh abhiyan seminars and talks and Swachatha Pakwada were organized in the institute by conducting cleaning campaigns.
- **Anti- Ragging Committee:** As per the guidelines of UGC, AICTE and University of Mumbai a committee has been constituted to handle issues pertaining to ragging. Any student can lodge a complaint without disclosing his/her identity in case of any inconvenient incident.
- **Human values and Professional Ethics:** Institute conduct various programs on human values to provide awareness among students like Blood Donation, Health Check-up Drives, Soft skill and Leadership development programs etc. Motivational speakers were invited to college to deliver their expertise to students. Institute conducted Swach Bharat initiatives by visiting nearby Vridhasram (old age home). Scholarship schemes for socially and economically backward students are implemented as per norms of Government of Maharashtra and Government of India.

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 4

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 4

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 17.85

1.3.3.1 Number of students undertaking field projects or internships

Response: 209

File Description	Document
Institutional data in prescribed format	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.34

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	6	7	8	0

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 80.08

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
376	421	524	437	529

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
558	588	588	588	540

File Description

Document

Institutional data in prescribed format

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 71.01

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
140	211	281	180	206

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

The Institute assesses the learning levels of the students right from the day 1 of joining the institute. The process starts with Orientation program where the students are addressed by the Principal and all the HODs of the department. Students are briefly explained about the discipline, Do's and Don'ts, rules and regulations and also about the facilities available in the institute such as Library, laboratory, canteen, sports, Gym etc.

MHT-CET/JEE score of all the students are analyzed by the Registrar and the Concerned authorities to identify weak areas of the students. Also the behavior and grasping power of the students is observed by the respective faculty for subsequent analysis as well as to note down advanced learners. The assessments are carried out on a frequent basis in the form of assessment test, university exams, and internal exams in respective departments. Results of these tests are carefully examined to list out improvement areas.

Slow learners: Students with low grasping power, poor listening skills, low absorbing capacity, no synchronization between mind and actions, out of the track while in the class and showing less interest in studies are identified as Slow learners. Some of the students coming from rural areas, lacks self-confidence, may have inferiority complexion, stage fear, shyness, in some cases poor communication skills and less presentable. For such students the institute conducts soft skills workshop where their communication skill and confidence are improved. Students are given topics to speak before audience to help them to get rid of stage fear.

Additional lectures are conducted after their lecture hours to improve their understanding of

technical topics and subjects. Slow learners are given sufficient attention by the teachers during theory as well as practical hours. University exam failed students are given the necessary supportive guidance by the faculty members.

Advanced Learners: Students with clever brain, high altitude of absorbing capacity and very attentive with excellent oral, verbal and listening skills and always coming up with innovative ideas are identified as advanced learners. Institute has a Training and Placement Cell which organizes special training and guidance for advanced learners for preparing competitive examination Viz, GATE, CAT, GRE, TOEFL, MPSC, and UPSC etc. Students are also trained on Aptitude test and mock Group discussion and interviews are arranged for them.

Each and every HOD and Placement coordinator encourage student to participate at state and national project competition, conduct seminars and workshop on latest technology that are used in industries today. Students are also encouraged to join NPTEL online certificate courses and participate in consultancy activities of various departments of the institute.

2.2.2 Student - Full time teacher ratio

Response: 8.8

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Students are the first and foremost stakeholders of the college. The teaching learning process is student centric by default and sufficient space is provided for that in academic plan. The institution has adapted to Outcome Based Education. OBE is recognized as a modern method for teaching-learning process. The institution has taken initiatives to shift learning from traditional “teacher centric” to the “student centric” approach. Following are some of the efforts been taken to make learning more student- centric:-

1. Experiential learning:

Students are encouraged to undertake **internship programs, hands on training, industrial training, sponsored projects** in order to make them industry ready graduates. Further institute organizes **industrial visits, field trips** for the students to make them aware of the current market working trends and technologies. Various technical events like **model making, robot making, circuit-designing, 3D-sculpt** are being conducted.

2. Participative learning:

Students are recurrently **motivated** to participate in **curricular, co- curricular and extracurricular activities** so that they become industry ready confident candidates and an amalgam of knowledge and persona. Different departments organize **paper presentation, mini- projects, project, and poster making** competitions for the students to promote participative learning. To realize student participation, institute engages students in a number of modern teaching learning methodologies like **role play, group discussions, brain storming sessions**, etc.

Role play-

Here group of students simulate a scenario by assuming specific roles. Students work through a situation and try to enact a concept/scenario by making the concept live by conversing the dialogues between their group-members. This technique is an excellent mechanism of participative learning since students play their specific role and interact with their peers in order to accomplish their assigned task.

Brain storming sessions –

Random cases pertaining to day to day issues faced by industry, real life scenarios; technical, non-technical aspects, etc. are explored to nurture the student's problem solving skills.

Group Discussions-

To develop students into future leaders in industry, institute inspires students to participate in a number of group discussions.

Paper presentation-

Students are exposed to latest trends and practices in industry through case studies and research work presented in the form of research papers.

Project competitions-

Institute conducts in-house and outbound competitions pertaining to all disciplines by assigning a task in the form of competition.

3. Problem solving methodologies:

Case studies-

A number of case studies are shared with students to make them understand about latest trends and practices being followed in industry.

Industrial and Field Visits-

During the period of the programme, many Industrial visits and field visits are arranged to the industries and also an Industrial Tour is arranged each Department in every year. Visits to industries across the country help the students to gain through experiential learning. Personality development training programmes are also conducted to make our students better citizens.

Multiple choice questions-

Students are also provided with a number of multiple choice questions so that they get their fundamentals cleared.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 133

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 10.65

2.3.3.1 Number of mentors

Response: 110

2.3.4 Innovation and creativity in teaching-learning

Response:

The biggest challenge any teacher faces is capturing the students' attention, and putting across ideas in such a way that it stays with them long after they have left the classroom. For this to happen, faculty member make attempts to inculcate creative and innovative ideas in their teaching-learning methodologies. Some of teaching-learning methods that are implemented by the faculty member to reinvent their traditional teaching methods and make their teaching interesting.

MOU'S with industries to bridge the curriculum gap and to solve real problems in association industry experts. Providing seminar halls and tutorial rooms Providing computers with relative accessories and aggregates for web based learning Promoting students for self-learning through;

Web-based learning, multi-media, Classroom presentations and Technical symposiums. Learning through PPT/Animations to understand complex problems Generation of facilities and availability of materials for self learning beyond syllabus Digital Library/ EBooks Advance learning through high end software's Technical value added programs Encouraging faculties to participate in QIP/ STTP/ BOS syllabus implementation workshop etc Encouraging graduates to participate in various technical events. Advanced topic guest lectures are arranged from subject matter experts. Subject wise result benchmark are set.

Apart from conventional classroom teaching using Chalk and Board method, we have adopted innovative way of teaching through the means like PPTs, Smart Boards, charts, cut section models, and e-learning resources through National Programme on Technology Enhanced learning (NPTEL) etc.

Institute organizes industry visits, guest lectures, seminars on various topics etc. to provide an industrial exposure so that the students get to know the current methodologies adopted in various industries. Students are given Mini-projects through which the students are able to work in a team, develop their leadership skills, and provides a platform to sit and discuss on new ideas, how to put their into working model and to arrive at cognitive solutions. Institute encourages the students for Internship during their vacation, also provides opportunity to attend online sessions by AICTE/ Govt. of India/other agencies. Students are motivated to participate in technical events at College & University level, even National Level also which provides a chance to showcase their innovative ideas & creativity. Use of

projectors and internet also help the learners to come closure to the research and development taking place in all disciplines.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 93.58

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 2.03

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	3	2	2

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 3.14

2.4.3.1 Total experience of full-time teachers

Response: 417

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 0

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 3.34

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	6	3	3	3

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

Evaluation of Students :

Our Institute follows the Mumbai University guidelines for conduct of examinations, evaluation, moderation and result declaration etc.

BRHCET has adequate examination facilities in terms of classrooms , laboratories, for smooth conduct of theory, oral, practical etc examination. As per the latest guide lines of University, the theory examination pattern has been divided into 80-20 ratio marking. Two Internal Unit Tests of 20 Marks each are conducted in the Institute and the marks awarded are conveyed to the university which are average of two tests after 60% and remaining completion of the syllabus. The practical examination for UG and PG students is conducted as per the recent guidelines and formats provided by University.

Final examinations are conducted by the Institute as per Mumbai University rules and regulations.

Evaluation Methods adopted by the Institute:

Assignments: Assignments related to each unit for all courses are given to students with the motive to increase their understanding level related to the topics. These assignments are in form of case-studies, tasks, mini-project, design problem etc.

Unit Test :Internal unit tests are conducted as per academic calendar for each course. The results of unit tests are evaluated to identify weak and good students for catering to student's diversity.

Oral: After the practical examination oral exam will be conducted as per the syllabus.

Seminar and Technical Communications: Student's technical and communication skills are assessed by different types of competitions like paper presentation competition, project exhibitions, group discussion, quizzes etc.

Project work: Analysis is done through continuous project review meetings of project group students with the allotted guide and internal project presentation are conducted.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

1 BRHCET follow Mumbai University pattern for internal assessment for conduct and evaluation purpose.

2 BRHCET conducts the end semester examinations for all the semesters as per the guidelines of Mumbai University with the invigilation assistance from BRHCET. However, Unit tests for all semesters are conducted by the Institute only .

3 For transparent evaluation of internal assessment, we have well-designed examination cell consisting university approved and experienced faculty, laboratories and workshops etc. This evaluation is carried out in three parts viz, theory, oral, and practical (laboratory/workshop). Unit Tests are planned according to the academic calendar. After completion of 60% of syllabus, first test is conducted and after completion remaining of the syllabus, the second test is conducted. At the end of unit test, the model answer sheet is shared to the students .

4 The students are asked to compare their marks with evaluated sheet. After satisfaction, it is compulsory for the student to sign the paper.

5 The oral examination is conducted based on whole syllabus concept ,questions. and marks are awarded by panel of two university approved examiners (Internal and External).

6 Practicals and term works are conducted separately and marks are awarded based on the students performance in these tests.

7 The evaluation of term end examination papers for 1,2,7,8th semesters are evaluated through Cental Assessment Program (CAP) conducted by university of Mumbai.

8 The Controller of examinations ensures that all grievances of marks evaluation process is resolved before communicating to the university authorities.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

In BRHCET conduct of examination, declaration of results, verification of answer sheets ,recounting , re-checking etc., are all time-bound, transparent, and most effectively handled. The Institute's results are announced in the very first instance of University results as compared to other Institutes/Colleges of the Zone. Students are permitted to raise their grievances after declaration of results by submitting an application form to the Principal of the Institute through norms prescribed by university of Mumbai. Any student can take photo copy of the semester final examination paper and get it evaluated . In case any student feels the necessity of revaluation, the institute allows the same under norms prescribed by Mumbai University. For the university conducted examination papers , the application forms for photo copy of the answer sheets are forwarded to the Controller of Examinations of University of Mumbai along with fees payment receipt. On receipt of the photocopy of the answer sheets ,discrepancy if any, is noticed by the student , he/she should apply to the University/Institute through the Principal for any grievance such as mistake in totaling ,non assessment of a question etc. if required after due verification. The University examiners re-verify, re-assess the answer books and the revised marks if any, are sent to the institute which are communicated to the students by the controller of examinations through the respective heads of the department.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The Institute adheres to the academic calendar as per the details given below:-

As per the University rules events of the Institute are conducted exactly as per scheduled dates Academic Calendar is prepared by institute, which will be in time synchronization with the university of Mumbai . The calendar provides complete information about working days of the institute, public holidays , and major events. Institute ensures the declared holidays are in line with the working of the university so as to ensure better communication and functioning with the university. The Students are also informed in advance about the semester Academic Calendar through notice boards in the beginning itself. All faculty plan their course curriculum and implement the delivery of lectures within their allotted time periods. If required, they also conduct extra classes to cover the left out portions/syllabus. The institute ensures that no working day is lost due to any disturbances such as heavy rains, local logistics, strikes, political agitations, etc and will compensate them by adding extra working days, if necessary. BRHCET constituted Academic Planning & Monitoring Committee for effective functioning of the Institute, which includes, daily monitoring of regular classes, and inspection of the quality of teaching & learning process.

Both the Unit Tests – I and II will be conducted upon completion of 60% of the syllabus and after that remaining , if required, faculty/students are encouraged to take extra classes on working days or work on public holidays The results of the tests will be announced after completion of the Units test. This will be ensured by all the HODs without fail. The Practical examinations and the term work assignments will be simultaneously taken care by all the faculty in line with the completion of the respective theory portions of the syllabus. The Institute ensures conduct of tutorials, practical , unit tests, examinations and declaration of results and revaluation etc are all as per the academic calendar strictly so adhered to, as to maintain parity with other institutes and principally with University of Mumbai . The semester end examinations are conducted on the specified dates since the question papers for 1, 2, 7, 8, semesters will be set by the University only. Thus there is no cushion for the Institute to conduct these examinations on any other alternative dates.

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 on website and communicated to teachers and students

Response:

The Vision and Mission statements are displayed on the college website, on Notice Boards, and various places like entrance of the Departments, HOD cabin, Central library etc. Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) have been defined by every department. The course Objectives are stated in the syllabus promulgated by UOM. The weekly load of Lecture, Practicals, Tutorials, Scheme of evaluation, list of Electives are stated in it. The Chairman of BOS decides orientation programs for the faculty handling the subject and curriculum planners will provide the guidelines regarding the contents, delivery, extent of subject to be covered under each topic, evaluation of Laboratory works etc.

The course outcomes are written by the respective faculty member using keywords of learning levels. Course Outcomes (CO) in each subject from Semester I to VIII are prepared by the concerned faculty and attached in the course file. Course Files are to be checked and approved by respective HOD before communicating to students. COs and POs are discussed by faculty members in the classrooms during introductory lecture of respective Subject and students are asked to write the COs in their Lecture Notes.

Programme Outcomes (POs), Course Outcomes (COs), Programme Educational Objectives (PEOs), and Programme Specific Outcomes (PSOs) are disseminated on the college website, on Notice Boards, and various places like entrance of the Departments, HOD cabin, Central library, Gymnasium, Auditorium, Canteen, Girls common room and Boys common room etc.

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The attainment of various outcomes like COs, POs, PSOs and PEOs is carried out in four stages. Planning, Implementation, Evaluation and Action Taken.

1. Planning:-

Various outcomes are defined and a correlation is established between Course and POs,

Course and PSOs, COs and POs, COs and PSOs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every Course, CO, PO and PSO in the program including the elective subjects.

2. Implementation:-

An individual faculty member use different direct tools like Unit Test, Lab Test, University Exam, Assignments, Practicals, Seminar, Project and Rubrics defined etc., for the evaluation of Course outcomes (COs). Correspondingly Head of Department evaluates POs and PSOs by using evaluation of COs and Indirect Tools like Surveys from Alumni, Employer, Parents, Teachers and Students etc. PEOs are also evaluated by using Indirect Tools.

3. Evaluation:-

Attainment of all outcomes are calculated and compared with expected level of attainment decided by respective high level committee/ subject teacher.

4. Action Taken:-

If attainment was up to the expectation then appreciation is extended to concerned and if in case of deviation from the expected attainment of outcome then necessary corrective actions were initiated and

implemented.

2.6.3 Average pass percentage of Students

Response: 85.05

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 313

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 368

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.08

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description

Document

List of project and grant details

[View Document](#)

3.1.2 Percentage of teachers recognised as research guides at present

Response: 0

3.1.2.1 Number of teachers recognised as research guides

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 133

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

B.R.H.C.E.T has established Institute Industry Interaction cell, Skill Development and Entrepreneurship

cell for the students and staff to update their knowledge, to know the latest advancements in industry as well as to explore and implement their new ideas through these cells.

Every Department also interacts with Industries so as to arrange activities like seminar, workshop, guest lectures, and industrial visits etc which help to know the industry needs, the gap between industry and academia and the challenges so that our students can be prepared for industry requirements. Students also take up live projects in collaboration with industry.

Centre of Excellence is also established in B.R.H.C.E.T and the objectives are to train the students various software's which are used in Industry; students will be able to do better quality projects using these software's and also to take up consultancy work by staff and students. Institute has incubation centre to guide and mentor for setting up of the enterprises.

Incubation Centre conducts entrepreneurship programs such as workshops and seminars on entrepreneurship development.

Incubation Center in Computer Engineering is also established for Website development in networking concepts, Android application Development, Hardware concepts, IOT Development etc. The faculty members are empowered to take up research activities utilizing the existing facilities. The research activities are monitored and the issues of research are addressed through Research and Development Cell of institute. The major aim of this innovation and incubation center is to encourage the students and faculty with innovative ideas and develop these ideas into commercial products and bridging college represented by Principal, senior professor and all HODS of all the departments of the gap between Industry and Academia.

Training and Placement Cell of the institute is well in place and focus on bridging the industry academic gap. The main functions of the cell include taking efforts for collaborative activities in areas of research and training and to arrange industrial/ field visits and campus interviews.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 2

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	0	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: No

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 0

3.3.3.1 How many Ph.Ds awarded within last five years

3.3.3.2 Number of teachers recognized as guides during the last five years

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.28

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	5	7	3	12

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in

national/international conference proceedings per teacher during the last five years**Response:** 0.02

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
		2		

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities**3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years****Response:**

B.R.H.C.E.T promotes the development of neighborhood networks and student engagement in extension activities, contributing to good citizens bearing high moral values and sensitivity towards community services thus ensuring the holistic development of students and also empowering the neighborhood communities. To sensitize students about various social issues it is important to create an awareness about issues that plague our society along with an utmost necessity to offer solutions to address these issues effectively.

1) Blood Donation Camp: Every year along with the annual event of 'MUDRA', B.R.H.C.E.T sets up a Blood Donation Camp in association with blood banks. Annually, approximately 50 students & staff members participate for this noble cause. The impact of this event is that it helps the students to develop strong humanitarian values and also helps to improve their emotional quotient.

2] Health Checkup Camp: B.R.H.C.E.T is located in rural area with limited medical facilities for citizens. B.R.H.C.E.T facilitates free medical camps for locals. By actively participating as volunteers in such events, students are sensitized about their immediate neighborhood communities, the society and its needs. It inculcates a helping attitude in students and makes them connected to the society as a whole.

3] Vaccination Awareness Session: B.R.H.C.E.T has conducted 'Rubella Vaccination Awareness Session' in association with Women's Grievance Cell. The experts shared their knowledge about the importance of timely vaccinations to prevent Rubella. Awareness about medical conditions and issues helps to sensitize the health and well-being of society as a whole.

4] Tree Plantation Drive :B.R.H.C.E.T has conducted Tree Plantation Drives to promote the idea of

sustainable development & to make students understand the importance of conserving the environmental ecosystem.

5] Celebration of Days of National Significance: B.R.H.C.E.T celebrates days like Independence day, Republic day, Engineers day etc. with the active participation of students & staff members. Participation in such activities improves a sense of national integrity & social responsibility among them.

6] Swachyata Abhiyan: Students are motivated to participate in need –based outreach activities, such as Swach Bharat Abhiyan. B.R.H.C.E.T has conducted various expert lectures on this topic; the topic of “Cleanliness and its Importance” where cleanliness & hygiene have been emphasized, B.R.H.C.E.T has also conducted “Swachyata Pakhwada” in campus & in-around Karav village.

7] Women’s Grievance Cell: B.R.H.C.E.T celebrates Women’s Day in which women of multi-disciplined caliber & distinguished personalities share their ideas about gender equality & equity. In association with Women’s cell, B.R.H.C.E.T has conducted self- defense training programs for students. Along with, conducting yearly talks for motivation and inspiration in presence of eminent personalities and conducting self-defense workshops, “Old Age Home visit“ , to sensitize the students about social perils like abandonment of old parents.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 13

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	3	2	2

File Description

Document

Number of awards for extension activities in last 5 years

[View Document](#)

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 22

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	5	4	3	3

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 20.71

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
351	306	281	235	198

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 45

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
18	8	9	7	3

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 17

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
5	5	6	1	0

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

BRHCET has well established facilities for effective teaching and learning meeting the requirements of AICTE, DTE and UOM. The whole campus of institute is clean, green, safe and secure. College management ensures availability of adequate physical infrastructure considering AICTE norms.

The infrastructure facilities for both UG and PG programs which are well satisfying AICTE norms are as follows:

1. Spacious, well ventilated and well-furnished classrooms are available as per AICTE norms with adequate furniture facilities.
2. Adequate Tutorial rooms as per norms for completing Assignments and Tutorials.
3. Every department in the institute has got well equipped laboratories as per AICTE and university norms. Every laboratory has got enough space and equipment's to have active participation of students during the performance of practicals.
4. Computer laboratories are utilized for online examinations, aptitude tests in addition to the conduction of practical's as prescribed in the syllabus of UOM.
5. Language lab is also setup for students to improve their communication skills.
6. BRHCET has got adequately equipped workshop which is available for all the students to complete their project tasks. Students of all the departments utilize resources of mechanical workshop for their projects.
7. BRHCET has got well-furnished and spacious central library with sufficient number of titles and volume of books. BRHCET also facilitates well ventilated and spacious reading room for students and faculties with internet facility.
8. Hygienic canteen facility is available for all the students and staff.
9. Other amenities and facilities such as ramp and lift, CCTV surveillance at all strategic locations, Generators, water coolers, Girls common room and Boys common room, sick and rest room, playgrounds, separate toilets for men and women, also toilet for physically disabled person, sanitary napkin vending machine, solar backup etc. are available.
10. BRHCET has 2 spacious seminar halls with proper seating arrangement dedicated to students and staff (air conditioned and well furnished).

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities

Response:

Institute has a playground with several facilities for outdoor games such as Volleyball, Kabaddi, Kho-Kho, Cricket, Box cricket, Dodge ball and Badminton etc. Facilities for indoor games such as Carom, Chess etc. Technical activities such as Funtronix, Robotics etc. are also provided.

BRHCET organizes Sports week in the month of February every year after completion of University Theory Examinations. To explore & nourish the hidden talents among the students, every year institution organizes various cultural events. To boost stage confidence and leadership abilities, students are trained for anchoring of various events. All cultural Events are scheduled well in advance, preferably in the month of February and the schedule is displayed in the Academic Calendar. Every year college organizes Annual Social Gathering named as 'MUDRA' by which students get an opportunity to exhibit their talents and skills.

Students are motivated and encouraged to participate not only in events at College level but they also participate in events at intercollegiate competitions. Institute conducts self Defense training programs for the benefit of staff and students and also organizes blood donation camp for social awareness.

BRHCET also celebrates Traditional day, Navratri festival, Farewell Function for Final Year students, etc.

Fitness gymnasium & yoga with well facility has been made available to the students.

SR. NO.	Facility	Details of Facilities
1	GYMNASIUM	Spin cycle Multi gym Ab Board Universal Bench Wrist Curl Wt.Plates Dumbbells Gym Ball Yoga Mats

SR. NO.	Facility	Details of Facilities
2	SPORTS (OUTDOOR GAMES)	Volleyball Kho-kho Kabaddi Badminton Box Cricket Cricket
3	SPORTS (INDOOR GAMES)	chess carom
4	CULTURAL ACTIVITIES (MUDRA)	Dance singing Fashion Show Instrumental Playing Photography Mehendi

Rangoli

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc**Response:** 100**4.1.3.1 Number of classrooms and seminar halls with ICT facilities****Response:** 30**File Description****Document**

Number of classrooms and seminar halls with ICT enabled facilities

[View Document](#)**4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.****Response:** 4.09**4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)**

2017-18	2016-17	2015-16	2014-15	2013-14
183.93	0.00	0.00	0.00	0.00

File Description**Document**

Details of budget allocation, excluding salary during the last five years

[View Document](#)**4.2 Library as a Learning Resource****4.2.1 Library is automated using Integrated Library Management System (ILMS)****Response:**

Library is the resource hub for knowledge and has a vast collection of books, journals, magazines, question papers, newspapers. Library has facilities such as various books, reading section, internet surfing etc. Which is used by students and faculty for search of books by title/ author name/ branch etc. Separate reading room is available for undergraduates, post graduates, students and teachers. All the work related to issue and return has been computerized. All books are bar coded

Name of ILMS software: - E-Granthalaya

Nature of automation:- Partially

Version: - 2.0

Year of automation: - 2016

E-Granthalaya

A Digital Agenda For Library Automation and Networking is an Integrated Library Management Software from National Informatics Centre,(NIC), Ministry of Electronics and Information Technology, Government of India. The software has been developed by a team of experts from software as well as Library and Information Science discipline and is useful for automation of in-house activities of libraries and to provide various online member services. The software provides built-in Web OPAC interface to publish the library catalog over Internet and is UNICODE Compliant thus, supports data entry in local languages. Latest version of e-Granthalaya i.e. Ver.4.0 is a 'Cloud Ready Application' and provides a Web-based data entry solution in enterprise mode with a centralized database for cluster of libraries. e-Granthalaya 4.0 uses PostgreSQL - an Open Source DBMS as back-end database solution and is hosted at NIC National Cloud (Meghraj) for Government Libraries as per the NIC Distribution Policy.

Software Components

E-Granthalaya 4.0 contains following components:

- Database (Separate database for each library cluster).
- e-Granthalaya 4.0 Application
- Crystal Reports Executable.
- Z39.50 Libraries

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

The library of BRHCET as downloaded various references books from rare books society of India. The collection are stored in library and accessible to the students and faculty as references materials for enrichment of their knowledge. The library of BRHCET is well stocked by books on competitive exams

like GATE MPSC UPSC. Students prepare from these books and get benefited for these exams.

To encourage E-readings books are kept in library which have ample of information in single gadget besides giving a feel of printed books. This way library of BRHCET is keeping a pace with digital revolution in reading. The biographies of great people are kept in library which includes scientists, engineers etc. great deal of motivation of being imparted by these books by any students. The collection of editorials of an important articles of all the national newspaper are displayed in the library to enrich the general knowledge and current affairs. IS codes are kept in separate racks for reference to the students to pursue and apply their contents for project work and further knowledge.

Also the library of BRHCET has a membership with the central library of IIT Mumbai. The library of BRHCET uses the software of E-granthalaya to access and to maintain details of every book issued in the library. This software enhances the maintenance of various books collected in library by access by LAN networks. The library of BRHCET also has the membership of central IIT library- MUMBAI. Every year college renews its library memberships. BRHCET provides the programs of higher studies specialized in masters in civil engineering and masters in mechanical engineering they can access research papers by taking prior permission from the college. The details of every book is maintained in manual ACCESSION REGISTER in case of emergency access. The library of BRHCET also provides the various E-books.

A Digital Agenda For Library Automation and Networking is an Integrated Library Management Software from National Informatics Centre,(NIC), Ministry of Electronics and Information Technology, Government of India. The software has been developed by a team of experts from software as well as Library and Information Science discipline and is useful for automation of in-house activities of libraries and to provide various online member services. The software provides built-in Web OPAC interface to publish the library catalog over Internet and is UNICODE Compliant thus, supports data entry in local languages.

4.2.3 Does the institution have the following:

- 1.e-journals**
- 2.e-ShodhSindhu**
- 3.Shodhganga Membership**
- 4.e-books**
- 5.Databases**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 0.23

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.87	0.00	0.00	0.00	0.28

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: No

4.2.6 Percentage per day usage of library by teachers and students

Response: 5.37

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 70

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institution has well developed IT facilities including Wi-Fi. Adequate number of computers with printers, scanners and high speed internet are available in office, examination section, computer room, store and library. The institution has a broadband connection of 10 MBPS capacity. All the science laboratories of the college are connected through this LAN. Switches (gigabyte) are made available for internet sharing connectivity in labs, seminar hall and office sections. The institution have inverter backup for the server. These facilities are regularly maintained by the college and ensure that are provided to all students and

staff members of the college. Students are encouraged to apply for scholarship online with these facilities.

All PCs are secured with application software, both licensed and open source software's. Since 2011, open source Operating System is used in this college. The institute keeps upgrading the software packages and also purchases of software's currently being used in the industry to be beneficial for the student's knowledge. There is a Computer Center with 60 PCs and a specialized Language Laboratory. Computer centre with internet connection has been provided to promote effective learning access to the students.

All faculty members of every department in this Institute have easily access the computer facility with internet connection regarding academics and other computing activities. Administration office is equipped with adequate computers, providing efficient service to students and staffs. In addition to these LCD projectors, Printers, Scanner, Xerox and CCTV, etc. is also available. CCTV cameras installed in the college premises to enhance the security and effective use of IT infrastructure.

Faculty utilized the ICT facilities of the institute for better visualization and effective delivery of regarding his subject topics and also supported the students for presenting their seminar topics using these ICT facilities. There are two seminar halls equipped with LCD projector, and smart board is also provided in Order to deliver effective learning to students.

Faculty rooms are provided with PC's. All labs are well maintained with the necessary software's installed for curriculum like Creo ,Ansys , Autocad , Matlab . The college has digital library and College have a membership for E- Journal like as ICFAI.

Configuration of hardware and no. of Computer

Sr No	Hardware configuration	To
1	Pentium dual core-E5800 C2m cache 3.2 GHZz Heat sink G41 2GB DDR3 RAM/320 GB HDD 15'' TFT Monitor	108
2	Intel dual core 1 GB lcd 16.5'' 320 GB HDD ATX Cabinet	30
3	Intel core- i 7 processor 4GB !TB HDD ATX Cabinet	29
4	Intel G2030 2GB DDR3 500GB Monitor BenQ15.6''	75

4.3.2 Student - Computer ratio

Response: 2.86

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: 20-35 MBPS

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 20.6

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
134	130	143	154	128

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Maintenance is divided as daily maintenance and semester end (Half yearly). Apart from this the break

down maintenance is also followed. Broadly classifying the equipment in the college of engineering we follow above method of maintenance.

For cleaning all places, contract is given to house-keeping and is done with the help of non-teaching staff on daily basis.

Daily maintenance: The lab in charge is responsible for daily maintenance of lab equipment's /instruments.

Semester maintenance: At the end of the semester, all the equipments/instruments are checked as required for the next semester.

Breakdown maintenance: In case of any equipment/instruments occurs the breakdown, written information is given to the principal. With permission of the principal, concerned supplier is contacted by the HOD and quotation is submitted to the principal. The principal sends the quotation to the head office for approval. After approval from the head office, work order is given to the concerned and work will be executed.

Computer maintenance: In case of breakdown maintenance, the HOD will contact the supplier and the quotation is submitted to the management through principal. After getting approved, work order is given to the concerned vendor and the work will be executed at the earliest.

Library maintenance: The librarian is the in charge of the library. The requirement of books, journals/newspapers etc. is sent to the management through principal if any maintenance is required.

Classrooms maintenance: The classrooms comes under the weekly maintenance. In case of any maintenance such as lights, fans, bench etc. will be attended by the administrative staff in charge and in case if any issue, it is reported to the principal. Principal takes suitable action in consultation with management.

Seminar hall utilization: The seminar hall requirement for any department will be intimated to the principal and the permission is given by the principal.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 41.38

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
398	608	805	501	489

File Description

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Document

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 0

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 19.8

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
359	457	399	163	00

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 0

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of the students benefitted by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 25.71

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
163	149	116	35	0

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 1.95

5.2.2.1 Number of outgoing students progressing to higher education

Response: 7

File Description	Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 13.8

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	1	1	1	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	12	15	25	13

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

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) during the last five years.

Response: 0

5.3.1.1 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-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

An active Student Council is represented in an academic and administrative body of the institute for enhancing values and good character of all the students, to become a responsible individual in the community as well as society.

Every year institute establishes the student council to develop cordial relations between students, principal, teaching and non-teaching staff and management.

The students which are good in co-curricular activities with good academics are invited by the selection committee. The selection committee includes head of the various departments and senior staff's members.

The student Council organizes the events by performing all the events independently under the guidance of senior faculty members.

A student participates in various co-curricular activities, such event promotes over all development and the institute always encourages the activities.

Students council also participate with the various bodies in nurturing and conduct of smooth academic, cultural and all other allied activities in BRHCET.

The Student Council comprises of advisors from the management, faculty & students of all classes which helps to maintain discipline.

The student council organizes cultural, sports & technical festivals & various activities. Throughout the year the council host & arrange three events:

Cultural Fest (Mudra)

Tech Fest (Technoblast)

Annual Sports

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 3

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	3	3	3

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

The institute has constituted Alumni Association which helps the students and the institute to stay connected with the Alumni. All the passed-out students of the college are active members of the Alumni Association.

Head of Departments maintains regular contacts with the Alumni. As the Institute is in developing stage, the financial contribution to the institute from the Alumni is almost negligible.

The Alumni students are called for lectures on personality development, Career Advising, Industry Institute Interaction, Placement assistance, Project Assistance for final year students, arranging seminar for TE/BE students

The alumni contribute for various activities and their suggestions are taken into consideration.

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 1

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

VISION:

To make this college a world class academic centre for developing engineers, researchers & consultants by adopting technical advances involving the industry and society

MISSION:

Encourage academicians, industry personals, professionals, researchers, scholars & other citizens in programs aimed at improving practices & understanding.

B.R.H.C.E.T is committed to provide quality education along with moral values to the students. The management of B.R.H.C.E.T plays important role to provide excellent infrastructure facilities and healthy teaching and learning environment to the faculty and students in order to implement the quality policy and plans. Principal, HODs and faculty take care while implementing the policies and plans to the satisfaction of all the stakeholders. Management is proactively encouraging and motivating faculty and staff for overall development of the institute.

The institution is working under the legal frame work of the AICTE, DTE and the University of Mumbai. The vision and mission of the institute have been decided with the active participation of alumni, industry people, employers, parents, faculty members and guidance of experts from various fields. Principal provides academic leadership and try to percolate the qualities of leadership among HODs and faculty. The HODs and faculty members are actively involved in decision-making process through various committees. All the decisions and policies to improve academic activities are reviewed and discussed during the meetings before implementation. Therefore, HODs act as representatives of the faculty who are involved in the institutional decision-making. The vision and mission are communicated to the Stake holders and displayed at various locations in the institute. For effective academic and non-academic work various committees like IQAC, Anti-ragging, ICC/WDC, SC/ST/OBC/Minority Cell etc are formed as per guidelines prescribed by statutory bodies. For effective teaching-learning process, Management motivates faculty members to attend various FDP programs, Seminar, Training and Workshops etc. B.R.H.C.E.T leadership understands the needs of the society through its interactions with various Industries/organizations in order to enhance the employability of students. It also receives regular feedback from students, parents and alumni to frame plans. The management fully supports new plans for the benefits of its stakeholders. Based on the employer's feedback about the students placed in the preceding years, the students are given additional training in the areas for improvement.

6.1.2 The institution practices decentralization and participative management

Response:

B.R.H.C.E.T encourages decentralization and participative management. For this, various committees such as GC, LMC, IQAC, WDC/ICC, Anti-ragging, Grievance Redressal Cell etc. are formed. These Committees comprise of faculty, administrative staff, stakeholders supported by the management which formulate policies aligned with the institute's vision and mission. The management encourages committee members to express their views and give suggestions for the development of the institution. These committees meet often, discuss the related issues and take appropriate decision with respect to the requirement. Decentralization of administration helps in bringing transparency and empowering the staff in various decision making at Departmental level or representing their views through the committees. This enables creating an atmosphere conducive to active participation.

Case Study:

This case study explains the conduct of university examination. As soon as time table issued by University, Principal who is chief conductor of exams convenes meeting with Exam In-charge and heads of-department to finalize the appointment of Senior/Junior /Understudy supervisor, Committee members of Internal Vigilance squad, Question Paper Printing, Control room staff for seating arrangement, coding, masking etc. Various committees like Internal/External CAP, and appointments to various posts required for smooth conduct of exams. Exam In-charge prepares duty chart for all activities and issues appointment letter to all exam related committee members. Exam In-charge informs staff about the procedure and guidelines regarding rules of conducting university examination. Staff-members are required to give in writing in case he/she has to adjust their duties also provide replacement of the duty. On exam day, senior supervisor delegates/assigns duties to junior supervisors, relievers and assigns them examination blocks as per duty chart already prepared. Senior supervisor is responsible for smooth conduct of that particular exam. Junior supervisor, who is invigilator of examination block allocated, gives instructions regarding the details to be filled on answer book and ensures that students maintain discipline. In case of complaints from students regarding any ambiguity in question paper, junior supervisor informs senior supervisor who in turn contact university for confirmation. The reply received from university is promptly conveyed by senior supervisor in all examination blocks. The internal vigilance squad takes surprise rounds to ensure that the examinations are going on without any malpractices. It is the responsibility of junior supervisor to collect the answer books and hand over to senior supervisor as soon as exam is over. The answer books are properly counted and sealed and handed over to university official/ Internal Cap under supervision of senior supervisor.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The Institute has a perspective plan for development and it is prepared by Principal with the help of HOD's and senior staff of various departments. Based on the academic schedule given by UOM, Institute academic calendar is prepared. The academic calendar includes Term commencement, term end, UT schedule, the list of pre-planned programs. To ensure development of the Institute, all the planning and execution is monitored regularly.

As the demand of soft skills and Technical skills are increasing in various corporate companies, it has become mandatory to cope up with various tools, techniques, skills and development for over all development of student. So to increase the soft skills and Technical skills of students our institute is conducting various workshops. We are arranging various workshops for different department.

Our institute is maintaining good placement for students of all the departments. For the same we are arranging multiple sessions of placement and training for final year students.

In recent, the intake of engineering institutes intake capacity has gone up. In the same way, quality of aspiring engineering students or admitted engineering students quality has gone down. For the same we are arranging proper study materials as well as working laboratories so to achieve 100% result in every subject.

The University syllabus is also not in line with the industry requirements; therefore, the employability of engineering graduates has become a challenge. We have identified the gap in this regard and strategically developed the industry oriented short term, long term value added programs which increases the employability of the students. It will also minimize the gap between the syllabus and industrial experience. After this course session, our students are aware of various skills which makes them perfect competent for facing tough interviews for getting Jobs in private or become Entrepreneur. It gives an complete Package of all technical knowledge and also Enhances self learning techniques. The course impinges the latest ideas, views, expectations, and problems of corporate world within the aspirant mind. Hence make them capable for 100 % employable.

The institution runs for 8 hours. The teaching and non-teaching faculties have the benefits of PF, Casual Leaves, Earned Leaves, Medical Leaves and Maternity leaves etc. Institute staff selection committee along with the Principal and Subject experts decides the eligibility of the candidate by his/her performance in the interview according to the parameters they are looking for.

Under National Service scheme, Institute has organized social activities at nearby village to contribute for the society. This activity was successfully completed by taking different meetings with all student and faculty coordinators as per strategic plan. Activities are as per:

1. Voting Awareness
2. Swachhata Abhiyan
3. Blood Donation Camp
4. Tree Plantation
5. Visit to Old Age Home

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as

grievance redressal mechanism**Response:**

Governance is the key activity that connects between the management, staff, students and the community. The institute has constituted governing body as per the regulatory norms. The Local Managing Committee is constituted as per the Maharashtra University Act. The Principal is responsible for overall development of academic and administrative development of the institute and is supported by Dean, accountants and other administrative staff down the line. Head of the departments are responsible for overall working and smooth functioning of the respective departments. The academic and administrative bodies meet at regular intervals and the minutes of meetings are documented.

Through appraisal scheme the teaching and non-teaching staff members are trained to enhance their professional skill through various staff development, orientation and skill upgradation programs. They are also motivated to attend seminars and workshops. Staff welfare schemes like Provident fund, Employee insurance schemes, free medical assistance etc. are made available.

Role and Responsibilities of Library Committee is to purchase the books and magazines periodically to fulfill the requirements of University and AICTE. Also to meet regularly, to discuss about further developments in the library. And to solve the issues and problems raised by the students and staff members.

Functions of Various Bodies are as given below:

Committee/Designation	Role & Responsibilities
President	The president provides overall leadership to the
Secretary	To conducting smooth functioning of the manag
Treasurer	overseer role over all aspects of financial manag
Governing Body	Group of people given the power and autho policies and steer the overall direction of organi
Principal	To provide strategic direction to the college.
Dean	Responsible for the financial, personal and adr of the college.
Head of Departments	Administration of department.
Registrar	Responsible for student records and class enroll
(TPO) Training & Placement Officer	Training and Placement of students.
Librarian	Promoting Library.
Accountants	Maintaining the accounts.

6.2.3 Implementation of e-governance in areas of operation

- 1. Planning and Development**
- 2. Administration**
- 3. Finance and Accounts**

4.Student Admission and Support**5.Examination****A. All 5 of the above****B. Any 4 of the above****C. Any 3 of the above****D. Any 2 of the above****Response:** D. Any 2 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**Response:**

The institute has various bodies/Cells and committees comprising of Head of the institute, HODs of departments, teachers, industry experts and students. To name a few are

1. Governing Body
2. Anti Ragging cell
3. Library committee
4. Women's Grievance Cell
5. Student Council
6. Canteen Committee
7. LMC
8. Grievance Redressal Committee
9. Exam related Grievance Committee
10. Minority Cell
11. SC/ST/OBC Cell

Governing Body is responsible for Policy making and to verifying the reports through the Secretary and Correspondent. The decision making procedures are made at appropriate levels in the organizational hierarchy. Statutory bodies such as IQAC Cell, Anti-ragging Cell etc., as per the university/government guidelines are also included in the organizational structure of the institution. A committee comprising of faculty members and administrative staff are involved in the planning and implementation, academic audit and evaluation. There are different bodies that give academic and administrative leadership to the

institution. An optimum level of decentralization through the autonomous departmental system and participative decision making process are in practice.

Role and Responsibilities of Anti ragging minutes To look into various aspects of ragging, means and methods to prevent it, possible action that can be taken against those who involve in it, and action against offenders in the event of ragging To oversee and monitor the overall discipline of students in the college, and review it periodically. To take decisions and actions related to indiscipline activities of the students in the college as and when required.

Role and Responsibilities of Library Committee is to purchase the books and magazines periodically to fulfill the requirements of University and AICTE. Role and Responsibilities of Library Committee is to meet regularly, to discuss about further developments in the library. To solve the issues and problems raised by the students and staff members.

Motto of women cell is not just complaint redressal but upliftment of women and environment affecting women. Also to decide the functions to be organized on International Women's Day. Functions will include awareness program, skill development program, Inspirational & motivational lectures & personality development program.

Student Council is an organization conducted by students and supervised by Teachers. The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out college activities. In addition to planning of annual events, sports event, cultural events etc. that contribute to college spirit. The student council is the voice of the student body. They help share student ideas, interests and concerns with the college wide community. The function of the student council is based upon parliamentary procedures. Ideas are presented, voted upon and confirmed by the student body president. Any student that is interested in leadership, organizational behavior, event planning in the college are welcome to become involved.

The Canteen Committee monitors, at regular intervals, the quality and quantity of services provided by the canteen and works together with the canteen in charge to improve the services with regards to quality of the food provided, timing of canteen, prices of articles sold.

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

Employee Provident Fund facility is provided for approved staff. The sixth pay salary is to be given to eligible staffs. The 100% financial support is given to faculty for attending & presenting paper at national & international conferences and seminars. Institute also provides financial support to faculty for attending orientation programs and faculty development programs.

Faculty can also take advantage of loan facility from abhyudaya co. op. bank. Various leaves are available to teaching staffs such as medical leaves, maternity leaves & vacation leaves. Faculty members are eligible for using casual leaves of 11 days per year.

Special education leaves are given to the faculty for further studies. Duty leaves are given to teaching and nonteaching staffs for attending workshops and seminars. Departmental library, computer and internet facility is provided in the campus. Free transport facility is provided in between college campus and station to and fro.

Canteen facility is provided with proper hygiene. Institute provides uniforms to security and peons at free of cost. Sports and gym facility are available for staff. Various health awareness programs are conducted by institute every year. Health check up facility for staff is available as institute has tie up with B. R. Harne college of ayurveda. In ladies washroom sanitary pad vending machine is provided.

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 4.79

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	7	13	2	3

File Description

Document

Details of teachers provided with financial support to attend conferences,workshops etc during the last five years

[View Document](#)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 4.4

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	5	6	4	2

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 6.8

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	11	15	7	3

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Performance appraisals are done by considering the different parameters.

For teaching staff:

Student feedback is obtained which consists of quality of teaching, communication skill, overall effectiveness, completion of syllabus, rating of lab facilities and contents of curricular, use of innovative teaching- learning methodologies. Subject wise course file is maintained by each faculty which consists timetables, attendance, planned and executed lecture plan date to date, assignments unit test and university question papers, result analysis of that particular subject and extra co-curricular participation and achievements of that faculty. Along with this daily report file is also maintained which consists daily assigned load and executed load. This file is checked by head of department every day. At the end of each semester academic audit is arranged in which head of other department checks all reports and feedback of students

For nonteaching staff:

Performance of non-teaching staff is observed and evaluated on the basis of behavior, sincerity towards work, regularity, job knowledge, attitude towards students & Co-workers etc.

Based on reviews and decisions regular increments and promotions are taken. Strength and weaknesses are identified and accordingly proper suggestions are given to faculty for improvements.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Institutional Internal Audit- Yes

The institute's accountants are audited regularly- while the "internal" auditing is on annual basis. During the internal audit, the internal accounting team may give few suggestions related to some of the finance and stock-related records, giving opportunity to the institute to address and rectify the same before external audit. Internal Audit has been started from Academic Year 2017-18.

Institutional External Audit- Yes

Every year a group of external auditors comprising a team of chartered accountants perform the auditing of the institutes financial records and book as per guidelines of the income tax department. This audit is carried out by competent and registered chartered accountants and there are no audit objections till date.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Major source of income of the institution is student fees. The institution has a mechanism to monitor effective use of funds.

The following procedure is adopted for the utilization of resources.

Planning: The Head of the department calls a departmental meeting to finalize an annual budget. The laboratory in-charges propose laboratory-wise requirements along with supporting documents as received from the subject teachers. The expenses required for the departmental activities such as organizing co-curricular and extracurricular activities are also included in the annual budget.

Budget Formulation: An annual budget of the department is prepared and forwarded by all the HODs to the Principal for consents. The budget of all the departments are reviewed by the Principal. The Principal directs the dean administration to prepare a consolidated budget of the institution. The final consolidated budget is forwarded to the Management Committee for a final approval.

Allocation: The proposed budget, received from the Head of the Institution and then allocates the budget as per the necessity of the proposed expenses. If there is no incongruity, then the budget is sanctioned and funds are released. Provision is also made for emergency expenditure.

Expenses: The sanctioned funds are utilized for the development of laboratories, procurement of books, national /international journals, staff salary, development and maintenance activities, etc. In case of any additional funds required for unplanned activities such as attending seminars / workshops / conferences / technical competitions, then the concerned faculty has to prepare a note stating the details of the importance with supporting documents. In exceptional cases, the concerned faculty may require to give a presentation before the management authorities for sanctioning the funds as per the requirement.

Audit: The Accounts Section of the office verifies the expenses against the sanctioned amount carried out under various institutional / departmental activities from the supporting documents and gives their remarks for the final settlement. Internal and external audits are carried out twice and once in every financial year respectively by the Chartered Accountant to ensure proper utilization of the funds as per the allocation by management committee.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

Practice I

Agenda: To decide mechanism for internal financial audit.

Resolution:

It was brought to the notice of IQAC that, External financial audits are conducted annually from inception of the institute by auditors. But as per NAAC new guidelines/ requirement it is mandatory to conduct internal audit, so after thorough discussion the following points regarding internal financial audit were finalized –

1. The internal financial audit will be conducted annually.
2. The internal financial audit will be conducted by dean administration and account section.
3. The audit committee will submit the report to the Principal.

Evidence of Success:

The internal audit was carried out successfully and the audit report is submitted to Principal for academic year 2017-18.

Practice II

Agenda: To increase bandwidth of internet connection.

Resolution:

It was brought to the notice of IQAC that, bandwidth of internet connection is to be increased as per feedback/suggestions from students and faculty. It was decided to increase bandwidth of internet connection. Responsibility of same is given to HOD-Computer for follow up and get work done.

Evidence of Success:

Bandwidth of internet connection is increased to 30 Mbps from academic year 2018-19.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Practice I

Agenda: To carry out external academic audit.

Resolution:

It was brought to the notice of IQAC that, teaching and learning processes, research activities,

administrative procedure and activities must be monitored. Through discussion was made and it was decided to conduct external academic audit in-line with routine procedure of internal audit from academic year 2017-18.

Evidence of Success:

External academic audit was carried out by Experts from Sinhgad Academy of Engineering Kondhva. In this audit Dr. Sardeshmukh and Dr. Bharte carried out the process.

Practice II

Agenda: Modification of feedback mechanism as per NAAC.

Resolution:

Prof.Sakpal(NAAC Coordinator) Proposed that presently there is different mechanism department wise for collecting stakeholder feedback, so there is need of common mechanism at institute level.

Thorough discussion was made and it was decided that common mechanism at institute level must be made for collecting, analyzing and implementing feedback of all stakeholders. Prof. Sajnekar (Criteria-1 coordinators of NAAC) given responsibility to modify existing feedback forms and come up with new mechanism.

Evidence of Success:

Feedback forms are modified and implemented from Academic Year 2017-18 even semester end.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 3

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	0	0	0	0

File Description

Document

Number of quality initiatives by IQAC per year for promoting quality culture

[View Document](#)

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)

Response:

Details		2013-2014	2014-2015	2015-2016
Infrastructure	Budget Utilization to maintenance of Physical & Academic Facilities	128	154	
	Budget Utilization to Infrastructure Augmentation	230	527	
	Budget Utilization to Green Initiatives	0	12	
	Internet Speed in Mbps	10 Mbps	20 Mbps	20
	Language Lab	Available	Available	Av
Library	Budget Utilization	7	10	
	Books	As per AICTE Norms	As per AICTE Norms	As pe N
	Journals, E-Journals & Periodicals	Available	Available	Av

Student	Intake	540	588	
	Admissions	529	437	
	Other State	0	8	
	Seats Earmarked for reserved categories	270	294	
	categories			
	Seats filled for reserved categories	206	180	
	Students benefited by scholarships & free ships by government schemes	489	501	
	Students benefited by guidance for competitive examination	NA	163	
	Students benefited by guidance career counseling	0	1	
	Placements	0	2	
Higher Studies	7	8		
Alumni	Alumni Meets Conducted	1	1	
Parents	Parents Meets Conducted	1	1	
Faculty	Faculty Number	80	89	
	Faculty with PhD	2	2	
Research and Development	Paper Publication in Journals	12	3	
	Paper Publication in Conference	2	3	
Result analysis of final year	Appeared	NA	163	
	Pass	NA	143	
Sports	Activities	1	1	
Technical	Organized Activities	1	1	
	Organized Activities			
Cultural	Activities	1	1	
Extension/ NSS/NCC Activities	Organized Activities	3	3	
	Organized Activities			

	Awards	2	2	
	No. of Participants	198	235	
Feedback Mechanism	Feedback related initiatives	Offline	Offline	O
ERP Implementation	ERP/ E-Governance related initiatives	Account	Library	A
	Number of Functional MOUs	0	1	

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 1

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

File Description

List of gender equity promotion programs organized by the institution

Document

[View Document](#)

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

(1) Safety and Security:

- The institute maintains safety and security of all the students by way of providing excellent infrastructure, classrooms with good ventilation/fans and tube lights in each and every classroom.
- The Institute has installed CCTV cameras for 24/7 surveillance. The total no. of cameras in campus are 54.
- The Institute maintained separate toilets for both ladies and gents in each floor. The Institute is the first of its kind to provide sanitary towels vending machine in ladies toilet.
- The Institute has 24 hours doctor on call facility. If any emergency situation arises, strong first aid box filled with medicines has been kept in administrative block. The B.R. Harne ayurvedic hospital is also in campus for emergency situations.
- The Institute promotes gender equality by making both male and female students participation in activities viz. playing sports like box cricket, carom, chess, cultural festivals, social awareness programs etc. This increases confidence and sportsmanship in both the genders. The cultural festivals like drama, singing, dancing and fashion show are encouraged to do with great mix of male and female students to proper understanding and creating respect between two genders.

- In all committees of Academics, Non-academics sports, extracurricular will have real mix of male and female students.

(2)Counseling:

- The Institute counsel students as and when required, right from graduate to post graduate level in regard to marks obtained, practical's, their progress in the academics, lab works and other allied activities. If the student is lagging behind in the studies or not improving his/her performance in studies, the parents are also informed to draw their attention about their wards, to discuss the issues if any.Evidence (mentor system description)
- BRHCET students are fully thorough with rules and regulations governing in the premises. Not only the specific committees, counsel the students but also individual head of departments will also look after the each and every student in their specific branch.

(3)Common room

- Students are having spacious common rooms for boys and girls separately. Common rooms are cleaned daily and also maintained hygiene very well.
- Separate toilets for boys and girls are also provided in each floor with sufficient water facility. Sanitary napkin vending machine is installed in the Girls/Ladies toilet.

7.1.3 Alternate Energy initiatives such as:

1.Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 60

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 30

7.1.3.2 Total annual power requirement (in KWH)

Response: 50

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 30

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 9

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 30

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

Solid waste management:

The Institute is very much conscious about the waste management to keep the campus clean. There is an active housekeeping committee in the college which keeps the campus clean on regular basis. Solid waste is kept in separate containers for dry (Plastic, paper, sanitary pads etc) and wet (waste material from canteen) garbage. The solids which are not recyclable are disposed through Grampanchayat channel or sold out to scrap vendor. All the decomposable solid waste is digested by proper way and residue is used for composting purpose.

Liquid waste management:

All waste water from canteen, toilets and laboratories are collected through a central pipeline and disposed properly.

E-waste management:

All the electronic waste in the form of CPU, mouse, keyboard is sent for repairing, if possible, used again. Departmental electronic instruments and devices are serviced and calibrated regularly to avoid the electronic waste.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

As the water crisis continues to become severe, there is an immense need of reform in water management system and revival of traditional systems. Natural resources are most precious to us and we conserve them by rain water harvesting, running sewage treatment plant and recycling the water for gardening.

Rain water harvesting is the process of collecting, conveying and storing water from rainfall in an area. The institute campus is having rain water harvesting (RWH) system for the purpose of water conservation. Roofs are an ideal location for rainwater harvesting for three main reasons. First, gravity can be used to collect runoff thus eliminating the need for electricity for pumps. Second, when compared to toilet and other household wastewater, water collected from roofs could be relatively clean. Third, a second and separate plumbing system would not be required. Adequate piping is done to collect entire rainwater from terrace. The rain water harvesting structure existing in the institute consists of PVC pipes laid from the roof tops which are then connected to a main PVC pipe. This main pipe leads the water to an underground water tank. Water from this water tank is drawn and utilized for non-drinking purposes such as gardening, watering the pathways and washing the floors etc., in the campus. The water from filtration chamber is used to recharge the ground level and thus ground water table will also increase. Recharging ground water method of Rainwater harvesting has been adopted in our institute.

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

1. **Bicycles:** A few students from nearby villages reach institute by bicycles.
2. **Public Transport:** our institute is providing full-fledged bus facility for students as well as teaching and non-teaching staff. This has greatly reduced the usage of private vehicles by students and lowered the carbon footprint of our campus.
3. **Plastic free campus:** Our institute encourages students and staff not to use plastic bags. Students must be educated on the harmful effects of plastics through the subject Environmental Sciences. Our college conducts the awareness programs. College canteen makes the use of steel or glass cups instead of plastic. Institute initiates to make the campus plastic free by displaying instructional boards within the campus.
4. **Paperless Office:** Most of the messages, notices and information are being circulated through Whatsapp, Email and Institute's website to minimize the paper usage promoting the consciousness

towards environment. Used rough papers are again utilized for any printing to reduce the page consumption.

5. **Green Landscaping with trees and plants:** Tree plantation is the major concern of the institute to maintain purity and beauty of the college to provide healthy atmosphere. Events like tree plantation, street play, and **Swachh Bharat Abhiyan** are organized regularly.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.72

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
10	7	0	12	0

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 5

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 0

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: No

7.1.13 Display of core values in the institution and on its website

Response: Yes

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: No

File Description

Document

Details of activities organized to increase consciousness about national identities and symbols

[View Document](#)

7.1.15 The institution offers a course on Human Values and professional ethics

Response: No

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: No

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 37

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	7	7	7

File Description

Document

List of activities conducted for promotion of universal values

[View Document](#)

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Yes, BRHCET follows and practices all prominent national festivals.

In BRHCET premises we celebrated 15th August as Independence Day and 26th January as Republic Day every year. This celebration comprises of flag hoisting, singing national anthem and national song by everybody. The same is followed by the prominent words of principal sir as well as president of the college regarding the particular day and its celebration.

To show the affection and respect towards the great Indian Personalities BRHCET also **organizes following birth / death anniversaries of the great Indian personalities**

1. **Teachers' day** has celebrated on 5th September as the birth anniversary of a great teacher **Dr. Sarvepalli Radhakrishnan**, who was a staunch believer of education, and was a well-known diplomat, scholar, the President of India and above all, a teacher. This day is celebrated every year in the college with great enthusiasm.
2. **15th September** as Engineers' day is the birth anniversary of the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya. The college celebrates Engineers Day on 15 September every year as a tribute to this great personality. Mokshagundam Visvesvaraya who was born on 15 September, 1861 and thus it improves the technical sense among the students.
3. **2nd October** as Gandhi Jayanti is also celebrated as a national festival in college to mark the occasion of the birthday of [Mohandas Karamchand Gandhi](#), who is also known as the "Father of the Nation". And on behalf of this day we celebrate Swachh Bharat Abhiyan in the campus as well as surrounding society.
4. **19th February** as Shivaji Jayanti i.e. the birth anniversary of great Maratha ruler Chhatrapati Shivaji Maharaj is celebrated every year with much pomp and fervor in the college. This celebration helps in creating the awareness among students as well as faculties about the ethics and discipline that was maintained by the Chhatrapati Shivaji Maharaj and same to be inculcated in the students' overall behaviour.
5. 14th April as **Ambedkar Jayanti** or **Bhim Jayanti** is celebrated to commemorate the memory of B. R. Ambedkar. Ambedkar Jayanti is celebrated by the college very happily to remember his immense contributions for the poor people of India and his contribution towards the constitution of India. This day introduces some of the human rights to the students and faculties constituted by great personality Dr. B. R. Ambedkar.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Institute offers a complete transparency in all academic, administrative as well as financial activities:

Financial Transparency

Institute gives the concession to pay their respective fees within the limits. DD/Cheque is accepted from the students for paying their fees. Salary of all staff members is directly credited to their respective bank account to maintain the financial transparency. The Institution is self-financed and the fee is decided as per the guidelines of Fee Regulatory Authority (FRA), Government of Maharashtra. The institution conducts statutory audit from internal and external auditor at the end of the financial year. A report of external auditor along with audited balance sheet, income and expenditure accounts are available for reference as per government rules.

Administrative Transparency

Various Committees are formed by the Principles such as Library Committee, Anti Ragging Committee, Sports Committee, Cultural Committee, Training and Placement Cell, Student Council, Alumni Association, Grievance Redressal Committee, NSS committee, R&D Cell, Website Update Committee, Purchase Committee, Women Internal Complaint/ Development Committee. The meetings of all committees are conducted and reports of all the committee resolutions are prepared as action taken and necessary improvements are initiated.

Academic Transparency

As per rules by University of Mumbai, entire curriculum and examination are conducted in the Institute. Internal assessment (UT) is being conducted in a centralized manner and the mark sheets are displayed on the notice boards, answer sheets are shown to each student. In advance at starting of each semester workload of respective staff & Institutional academic calendar is conveyed to all concerned staff members. Accordingly Monthly review Defaulters are identified and Parents letters are send to all defaulters by HODs of respective departments and relative action is taken. Feedback of academic activities from students is collected and necessary actions are initiated, if required.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best practices I

Title: Teaching - Learning and evaluation Process

Objective:

1. To enhance teaching learning activity and implement innovative teaching practices.
2. To improve student's learning experiences as per the outcomes provided by university.
3. To articulate the knowledge and skills you want students to acquire by the end of the course.
4. To discriminate between good and bad through evaluation

The context:

Education is considered as an investment in human beings in terms of development of human resources, skills, motivation, knowledge and the like. In education how much a child has succeeded in his aims, can only be determined through evaluation. Institution Evaluation process helps to build an educational program, assess its achievements and meet the outcomes prescribed by university.

The practice:

Faculties prepare academic planner, audio-visual aids, models, chalk and talk, educational charts for better teaching learning process. Guest lectures are arranged. Students are assigned mentor. Unit test question papers, assignments and experiments are designed according to the university prescribed course outcomes. Evaluations of marks of students are done using a defined rubrics method approved by IQAC.

Evidence of success:

1. Sports car competition 17th rank in India
2. Evaluation sheets maintained which shows progress of each student based on its unit test marks.
5. Improved communication skills and build confidence among the students.
6. Improved discipline and humanizing environment on campus.
7. Indiscriminate use of cell phones reduced.
8. Bond between mentor and students strengthened.

Problems encountered and resources required:-

1. English communication and writing ability of the students from remote rural areas.
2. Students are hesitating to take part in activities because of lack of time due to hectic academic schedule.
3. To motivate students for participation is challenge.

Best practices II

Title: Community Engagement through Social Activities

Objective:

1. To make students behaviorally refined with essential life skills.
2. To aware the students towards social responsibilities.
3. To promote the growth of students in their abilities and interests.
3. To induct practical thinking, general awareness, managerial abilities and leadership skills that aids them in goal setting for career and life.

The context:

The social activities develop, guide and articulate our college's approach for engaging students in the community and to provide a framework for advising individuals, and departments interested in getting involved in the community.

The practice:

In order to engage the students in the community, the college treats this as one of best practices. Under this, following activities are carried out:

1. The institute is regularly organizing the blood donation camp.
2. Organized medical camps and health check-up.
3. Events like **tree plantation, street play, Swachh Bharat Abhiyan** etc. are organized regularly.
4. Organized **poster** presentation programs **Rangoli** competition to motivate students towards social and environmental awareness.
5. Organized social awareness program like visit old age home, charity of clothes, stationaries etc. to the needy through **Gunj foundation**.

Evidence of success:

We have developed the social awareness among the students. Social activities are important for academic and occupational success. It can reduce the chances of risky behavior and prepare student for the challenges of life. The main purpose of social activity are managing positive and negative emotions, developing interpersonal relationships, developing integrity, achieving autonomy and independence.

Problems encountered and resources required:-

1. Communication with the rural area community becomes difficult for the students of urban area.
2. To motivate students for participation in blood donation is challenge.
3. To motivate the students for charity is difficult task.
4. To maintain and watering regularly to the trees especially on weekends.

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

1. Academic Centre for developing engineers is one of the distinctiveness areas of the institution. Institute allows the faculty to attend faculty Development Programs & Workshop. Institute provides soft skills and personality development programs for (final year) students and faculties.
2. The institute arranges the seminar for students to bridge the gap between student capabilities and environment (higher studies, GATE/ MBA/GRE). The institute organizes seminars and workshops on behalf of student association of different departments to cope the student with latest technologies.
3. The institute motivates the student to participate in national level project competition, paper and poster presentation in national and international conferences, exhibitions and latest trends workshops etc.
4. Institute organizes the certified courses/workshops like LATEX, Python, MATLAB, Design software, research for the students as well as faculty which helps to acquire skills to match the need of the industry as well as for higher educations.
5. For understanding the social responsibilities and to create moral ethics in students, the institute has arranged a visit to old age home at Ambernath (Kamla Vrudhashram) to interact with the old age people along with students and faculties on behalf of women's day. We also arranged blood donation camp every year on occasion of Annual Day. To aware the hygiene and women health issues, we also arranged Rubella Vaccination Program in college campus.
6. We also arranged Techno-Blast as a technical event (Robotics Funtronics) to incubate the practical knowledge among the students and to enjoy the study.

5. CONCLUSION

Additional Information :

We are working hard to become benchmark institute in rural areas around Mumbai. We are trying to establish environment where learning is a joy and we aim to impart value based technical education to raise employability of our student in Industry, Competency in Profession and Leadership in Society.

Concluding Remarks :

BRHCET believes, in its contribution to the engineering education sector, and applying for NAAC is an important step towards Quality Assurance. Hence NAAC Application is a step towards self-introspection leading to a further development of the institute focused on excellence.

In view of the above statement we cordially invite NAAC peer team to visit the campus and evaluate, assess for accreditation process.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.3.2	<p>Number of value added courses imparting transferable and life skills offered during the last five years</p> <p>1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years Answer before DVV Verification : 10 Answer after DVV Verification: 4</p>																				
1.3.3	<p>Percentage of students undertaking field projects / internships</p> <p>1.3.3.1. Number of students undertaking field projects or internships Answer before DVV Verification : 211 Answer after DVV Verification: 209</p>																				
2.4.2	<p>Average percentage of full time teachers with Ph.D. during the last five years</p> <p>2.4.2.1. Number of full time teachers with Ph.D. year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> </tr> </tbody> </table> <p>Remark : Revised as per HEI supporting document</p>	2017-18	2016-17	2015-16	2014-15	2013-14	2	3	3	2	2	2017-18	2016-17	2015-16	2014-15	2013-14	2	3	3	2	2
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	3	3	2	2																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	3	3	2	2																	
3.3.2	<p>The institution provides incentives to teachers who receive state, national and international recognition/awards</p> <p>Answer before DVV Verification : Yes Answer After DVV Verification: No</p>																				
3.3.5	<p>Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years</p> <p>3.3.5.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>2</td> <td>2</td> <td>3</td> <td>2</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	3	2	2	3	2										
2017-18	2016-17	2015-16	2014-15	2013-14																	
3	2	2	3	2																	

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
		2		

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
8	4	4	3	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
7	5	4	3	3

Remark : Programs have no collaboration through any NSS / NCC / Red Cross or YRC.

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
352	305	281	235	198

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
351	306	281	235	198

Remark : The programs are repeated from the previous Metric and does not differentiate from the programs organised through NSS/ NCC/ Red Cross/ YRC etc., and programs such as Swachh Bharat, Aids Awareness, Gender Issue.

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the

last five years.

4.1.4.1. Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
750	710	348	527	230

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
183.93	0.00	0.00	0.00	0.00

Remark : Statement provided only for the year 2017-18

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	64	11	10	7

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0.87	0.00	0.00	0.00	0.28

Remark : Revised as per supporting statement of accounts

4.2.5 Availability of remote access to e-resources of the library

Answer before DVV Verification : Yes

Answer After DVV Verification: No

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
135	131	143	154	128

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
134	130	143	154	128

Remark : Unable to open document

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

5.1.1.1. Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
398	538	805	501	489

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
398	608	805	501	489

Remark : No sanction letter from government uploaded

5.2.2 Percentage of student progression to higher education (previous graduating batch)

5.2.2.1. Number of outgoing students progressing to higher education

Answer before DVV Verification : 12

Answer after DVV Verification: 7

Remark : revised as per supporting document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	3	1	1	0

Answer After DVV Verification :

--	--	--	--	--

2017-18	2016-17	2015-16	2014-15	2013-14
4	1	1	1	0

5.2.3.2. Number of students who have appeared for the exams year-wise during the last five years
Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
8	12	15	25	13

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
8	12	15	25	13

Remark : Certificates of Reemakumari and Rajani Prasad are not complete to identify if it is Civil Service

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

5.4.3.1. Number of Alumni Association /Chapters meetings held year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

Remark : Revised as per supporting document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

Answer before DVV Verification : A. All 5 of the above

Answer After DVV Verification: D. Any 2 of the above

Remark : Only Finance and accounts and Examination considered

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
16	0	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
15	0	0	0	0

Remark : Though the documents relating to events are given, none of the Minutes of the meetings of IQAC are produced

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	3	3	3	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years 7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

Remark : Approved HEIs response

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five

years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

7.1.12	Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff Answer before DVV Verification : Yes Answer After DVV Verification: No
7.1.13	Display of core values in the institution and on its website Answer before DVV Verification : Yes Answer After DVV Verification: Yes
7.1.14	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations Answer before DVV Verification : Yes Answer After DVV Verification: No Remark : Link not openng
7.1.15	The institution offers a course on Human Values and professional ethics Answer before DVV Verification : Yes Answer After DVV Verification: No
7.1.16	The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions Answer before DVV Verification : Yes Answer After DVV Verification: No

2.Extended Profile Deviations

Extended Profile Deviations

No Deviations

NAAC