YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution	BRCM COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	DR. ANUJ KUMAR SHARMA
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01255265101
• Mobile no	8059900246
• Registered e-mail	principalcollege@brcm.edu.in
• Alternate e-mail	infocollege@brcm.edu.in
• Address	VPO-BAHAL
• City/Town	DISTRICT-BHIWANI
• State/UT	HARYANA
• Pin Code	127028

2.Institutional status

• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Maharshi Dayanand University Rohtak**

- Name of the IQAC Coordinator   **Sh. Amit Kumar**

- Phone No.   **01255265101**

- Alternate phone No.   **8059900243**

- Mobile   **8059900245**

- IQAC e-mail address   **iqac@brcm.edu.in**

- Alternate Email address   **hodme@brcm.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://www.brcmcet.edu.in/

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://www.brcmcet.edu.in//downloads/files/n61c75add961c4.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.67**	**2021**	**16/07/2021**	**15/07/2026**

6.Date of Establishment of IQAC   **18/07/2015**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   View File

9.No. of IQAC meetings held during the year **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   **No**

- If yes, mention the amount

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

Programmes like workshops, seminars are organised Faculty members have been motivated and facilitated to attend faculty development training programmes and workshops in reputed organizations Students of all the branches have attended internship programmes in various Organisations. Students are motivated to participate in Smart India Hackathons competitions, etc. Development of New Sports Facilities for Students

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
onduct of online activities for students on important days such as Independence day, Teachers' Day, Unity day, Constitution Day, etc.	Done
To get accreditation of CSE & EE branches	Based on Outcome Based Education (OBE) SAR preparation for all branches is initiated
Remaining in touch with, and providing co-and extra-curricular support to students as well as other interested stakeholders through Webinars on Subject as well as on topics of general interest	Webinars conducted

13.Whether the AQAR was placed before statutory body?   **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Part A

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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	06/12/2022

15.Multidisciplinary / interdisciplinary

The innovative spirit of the institute does align its vision with NEP for the holistic development of the learners through its myriad ways. Various engineering programmes that are offered here such as Computer Science, Electrical Engineering, Mechanical Engineering, and Civil Engineering with interdisciplinary subject. In our curriculum there are choice based credit system having interdisciplinary subject which helps to grow the students in different field. The institute inculcates values and shapes young minds through initiatives like blood donation camps and human values projects that address the social issues and provide the window to the students to contribute to the society in their little ways. Here courses through NPTEL Swayam, MOOCs and Coursera etc are run and promoted to facilitate the multi-disciplinary approach towards the teaching and learning process.

16.Academic bank of credits (ABC):

Faculty members are encouraged to write textbooks, book chapters. The subject material are prepared in an elaborative way along with the details of Supportive Online Certification Courses, Real Time Applications Content Beyond the Syllabus & Mini Project.

17.Skill development:

BRCM has since its inception emphasized on skill development and to fulfill this purpose, we harbor a dedicated skill development cell that caters to the holistic development of the students. Taking one step further from its parent university that introduced this in just one stream. Multiple MNCs have been tied up with the purpose, along with regular faculty training programmes and certifications. The courses of soft skills have been assimilated in the regular curriculum and have been assigned

internal grading system to encourage participation A skill development cell has been created in order to train the students in the required 21st century skills. This cell in association with Training & Placement Cell evaluate student's performance levels and ensures relevant preparation for corporate placements. The team plays a vital role in making academy excellence with industry expectations. It also guides and helps the students in preparation for competitive examinations and higher studies.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Teaching of Indian Knowledge System into the curriculum has been initiated by the affiliating University and is being followed. The students in the Institute are from diverse background. The Institute promotes the Bi-lingual teaching. Indian arts and culture is being encouraged by conducting different festivals and organizing traditional days.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Based on the outcome-based education (OBE) system prescribed in NEP, the Institute is already evaluating the skills, knowledge and performance of the students through the attainment of POs, PSOs and COs.Bloom's Taxonomy is used to develop lucid and extensive COs by the faculty members. The Institute is tirelessly working towards excellence and been accredited with NAAC B+ grade.

20.Distance education/online education:

Teaching tools such as course files created by the faculty, assignments, etc. are also provided for online learning. The digital library also acts as a gateway for providing access to e-book and e-journals for enrichment of online resources available to students.

Extended Profile

1.Programme

1.1   **10**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **519**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2   **148**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3   **151**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **49**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **49**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**10**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**519**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**148**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**151**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**49**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**49**

File Description	Documents
Data Template	**View File**

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**25**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**11.28**
4.3 Total number of computers on campus for academic purposes	**290**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Being an affiliated institution, BRCM College of Engineering and Technology, Bahal adopts the curriculum designed by Maharshi Dayanand University (MDU), Rohtak.

- **The Academic calendar provided by the University is taken as the base for making curriculum delivery plan. The academic calendar provides the date of commencement of the academic session, submission of mid-term exam marks, the duration of the semester, the period of internal assessment tests, practical exam schedule, preparation holidays, final semester examinations etc.**
- **The Head of the institution conducts meetings with the Head of the departments for developing a detailed academic calendar for the effective implementation of the curriculum immediately after the release of academic calendar of university.**
- **The Head of the Department monitors the academic**

activities on a regular basis by verifying monthly syllabus coverage report to ensure the execution of effective teaching learning process as per the academic calendar, and finds the gap, if any. The IQAC performs academic audit time to time during the semester to ensure the effective delivery of the curriculum.

- The academic performance of students is continuously and carefully monitored by conducting special tests, Mid Term exams, during the semester to assess the attainment of Course Outcomes(COs).

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution strictly adheres to the academic calendar published by MDU Rohtak for conducting different academic and extracurricular activities. The academic calendar provides the date of commencement of the academic session, submission of mid-term exam marks, Parent-Teachers meeting, the duration of the semester, date of internal assessment tests, practical exam schedule, preparation holidays, final semester examinations, etc.

Continuous Internal Evaluation plays a very important role in deciding the quality of the education system. In addition to this, the institution has made significant measures to enhance and evaluate the performance of students by framing significant reforms in CIE at the institute level.

The faculty members are prepares the lesson plan before the commencement of semester, indicating the topics to be covered lecture wise including the evaluation process for each subject and it is duly reviewed by the Head of Department. The institution conducts two Sessional Examination in each semester.

In addition to the tests, assignments, mini-projects and quiz are also the part of Continuous Internal Evaluation. The evaluated answer books are returned to the students and an opportunity is given to the students to discuss the evaluation

with the teacher.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

10

File Description	Documents
Any additional information	[View File](#)
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	[View File](#)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

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

- **The institution strongly believes that addressing cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics have a direct impact on achieving the sustainable development of the nation.**
- **So the institution takes a continuous effort in integrating cross-cutting issues to be an integral part of the curriculum to achieve holistic development of the students and to create a positive vibration on their study and societal commitment.**
- **The institution offers courses that integrate crosscutting issues as part of the curriculum prescribed by MDU Rohtak. As a supplement of this endeavor, the institution also organizes various activities such as seminars, expert**

lectures, workshops, awareness programs etc, throughout the year.

- **A vibrant and active Women Cell working throughout the year in enhancing sensitivity about gender based issues and in providing congenial and supportive environment to girls for their overall development.**

- **Students have to clear a paper on environmental awareness to get their degree. Practical assignments are also given to the students to make them aware about environment issues. Tree plantation programs are organized time to time by involving maximum number of students. Lush green campusitself describe our effort in this field.**

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

110

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.brcmcet.edu.in/stakeholder-feedback.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.brcmcet.edu.in/downloads/files/n629489eb1d649.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

125

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

32

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

BRCM institution assesses the learning levels of the students on the basis of result/marks obtained by the students in the previous university examination. Based on the assessment the students are identified as slow learner and are identified as advanced learner.

Strategies adopted for Slow Learners- Sufficient Support is dispensed to slow learners to overcome academic difficulties by:

- Motivate them for actively participation into several programs
- Organize remedial classes by expert faculty.
- Encourage them to solve previous year university question papers for improving performance
- Involve them in practical assignments
- Guided Self Study Courses classes
- Dispensing extra reading material to enhance basic knowledge of subject
- To engage them in NSS activities to develop social skills.

Strategies adopted for Advanced Learners- In order to support the fast learners, it is ensured that:

- **Encourage them to involve themselves in various forums like quiz, poster presentation, conference, inter college competitions**
- **Provide opportunities to perform mini-project work in any concerned organizations**
- **Assign them project work related to their subject**
- **Encourage them to involve in writing research papers**
- **Organize seminars, workshop, aptitude and communication skills enhancement programs**
- **Motivate them to play active roles in various co-curricular activities**

File Description	Documents
Paste link for additional information	https://www.brcmcet.edu.in/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
519	**49**

File Description	Documents
Any additional information	View File

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

BRCM CET ensures that student-centric methods are effectively used in regular academic practices as it makes the students more self-reliant and self-motivated, and learning as interesting and effective. Instead of teacher-centric conventional teaching methods, the institution strongly believes that student-centric learning methods enhance the lifelong learning skills of students.

The institution takes significant efforts to explore flipped classrooms with ICT tools and e-resources, such as NPTEL videos,

e-books, PPTs, etc which helps to easily transform conventional teaching process to student-centric process.

To make the learning activity more interactive below-mentioned student-centric methods are adopted :

Experiential Learning: The college imparts the following experiential learning practices to enhance creativity and cognitive level of the students

- Laboratory Sessions with advanced experiments
- Internship to expand the knowledge on market trends
- Add-on Courses on latest technologies
- Case Studies, Prototype Model Making, Visual Aids usage
- Project development

Problem-solving methods:

- Practical Sessions to get Hands-on experience
- Tutorial Sessions
- Brain Storming sessions
- Special Assignments
- Technical Seminar on contemporary topics
- Group discussion
- Quiz Sessions

Participatory Learning:

- Tech Fest/Project Expo
- Group Discussion, Debate, Role Play, Quiz
- Technical Seminar Presentation
- Periodical Industrial Visit to get insight into the internal working atmosphere of industries
- Co-curricular & Extra-Curricular activities/contests to trigger self-confidence of the students
- NSS and extension activities

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

BRCMCET encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. Most of the College teachers are using ICT tools and other digital resources.

The Institution is provided with all state of the art facilities such as adequate number of spacious Class Rooms, well equipped laboratories, tutorial rooms, seminar/conference halls etc. which are well equipped with ICT facilities to facilitate the academic programs.

The Institute has well developed Computing resources and equipments like desktops, servers, printers, CD writers, firewall, laptops, and accessories, which are used for a various purposes like data entry, research activities, storing files, running an application etc.

For effective teaching and learning process projectors and its accessories are installed in all the class rooms and for the purpose of better surveillance CCTVs are installed at all corners of campus to cover the maximum area.

The institute is the Remote centre of IIT Bombay and IIT Kharagpur under NMEICT, MHRD, Govt. of India. Our institute is designated by IIT Delhi as nodal center for Virtual Labs (A MHRD, Govt. of India project) and also a SWYAM-NPTEL Local Chapter. Teachers and students get benefited by the services provided by these institutes through online mode.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

45

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	**No File Uploaded**
Circulars pertaining to assigning mentors to mentees	<u>View File</u>
Mentor/mentee ratio	<u>View File</u>

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

49

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

14

File Description	Documents
Any additional information	<u>View File</u>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View File</u>

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

345

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution maintains high transparency and robustness in conducting internal assessment exams by adopting several effective mechanisms as given below:

- Schedule of Internal assessment test, syllabus and question paper pattern adhered to the academic calendar and regulations of MDU Rohtak are displayed well in advance before the commencement of the academic session.
- The marks of internal assessment are awarded by faculty and the same is verified by HOD and college principal before finally submittingon university portal.
- Assignments are given on each unit of the course and suggestions to improve their performance are given after evaluation.
- Exam attendance report for every fortnight is displayed and uploaded in the ERP and the same is communicated to the parents through mails/Messages/letters.
- Their performance is assessed on various parameters such as presentation skills, technical skills, communication skills, and viva-voce. Internal marks are displayed immediately after the evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.brcmcet.edu.in/

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

The mechanism to resolve internal examination grievances is as

follows:

- After evaluation of internal assessment answer scripts, the scripts are given to students to have an idea of their performance in the test.
- Utmost care is taken in resolving exam related issues. This cell actively resolves the issues, such as awarding of less mark in answer scripts, seminar, assignment, counting mistakes, poor evaluation answer scripts and assignments, out of syllabus question paper, etc.
- In general, the issues related to internal exams are resolved by the respective faculty.
- When the student is not satisfied with the response from the faculty, they can approach the HOD through their mentor.
- Even if the issue is resolved, the student can approach to the Dean/Principal.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

- The Institution has clearly stated Program Outcomes, Program Specific Outcomes, and Course Outcomes. In the beginning of each session, the faculty members are made aware about general rules and regulations about the academic curriculum. The program learning objective along with the outcomes are discussed among students in details.
- Course instructor defines Course Outcomes for all the courses.
- The Department Advisory Committee and the Head of the Department review and approve the Course Outcomes (CO).
- Knowledge in the concerned subjects measured by marks awarded in examination, it obviously stated teaching learning outcome of the institution.
- The following mechanism is followed by the institution to communicate/disseminate Program outcomes, program specific outcomes and course outcomes to the teachers and students:

- ○ **College website**
- ○ **Department Notice Board**
- ○ **Director/Principal/Vice-Principal/HOD chamber and all central facilities**
- ○ **All Laboratories**
- ○ **College prospectus**
- ○ **Display at the Prominent Locations of the Campus**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.brcmcet.edu.in//downloads/files/n64097777ca54c.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

BRCM CET has adopted Outcome Based Education which focuses on measuring student performance through outcomes. Course Outcomes, Program Outcomes, and Program Specific Outcomes are evaluated to measure the knowledge, skills, and behavior of students for the continuous quality improvement of each Course and Programs.

- **Evaluation CO, PO and PSO attainment help faculty members to ensure outcomes are being reached, monitor the students' performance in upcoming sessions, and improving teaching efficiency.**
- **Attainment of Course Outcomes is measured using Direct and Indirect methods.**
- **For direct attainment, marks of Continuous Internal Evaluation Tests, assignment (other special components such as Quiz, mini-projects, case studies, seminar presentation, etc.) and University results are taken as input parameters.**
- **For Indirect attainment, the Course Exit survey conducted at the completion of each course is used as an important tool. Using the weighted average score obtained in a Course Exit survey, indirect attainment level for each course outcome is measured.**
- **After measuring the CO attainment of each course, recommendations are put forth to the respective course to**

practice from the next academic year to improve the teaching-learning process.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.brcmcet.edu.in//downloads/files/n64097777ca54c.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

133

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://www.brcmcet.edu.in/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.brcmcet.edu.in/stakeholder-feedback.html

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

8

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has created an ecosystem for innovation including

incubation centre, MOUs with other national and international institutes and other initiatives for creation and transfer of knowledge. The institute is the Remote centre of IIT Bombay and IIT Kharagpur under NMEICT, MHRD, and Govt. of India. Our institute is designated by IIT Delhi as nodal center for Virtual Labs (A MHRD, Govt. of India project) and also a SWYAM-NPTEL Local Chapter.

Faculty encourages students to inculcate scientific temper and research aptitude by giving an initiation through projects and practical. Science exhibition and quiz events motivate the students and create interest in innovation.

To promote institution-neighborhood-community network, the institution takes help of NSS volunteers. Camps and other events are organized from time to time to engage students in social work besides studies for their holistic development. Involvement of community is facilitated through NSS camps, Women Cell and Jagriti manch initiatives in rural areas. Lectures are organized on the issues like cleanliness & hygiene, dowry system, disease control, honor killing and female feticide, Girls Education to aware and empower the villagers and thereby transformation is made in their lives. The training in basic blood donation, first-aid and literacy campaign organized as the part of these camps ensured community participation. Awareness rallies about all current issues are conducted in local area time to time.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

13

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

3

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

57

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

8

File Description	Documents
Any additional information	[View File]()
List books and chapters edited volumes/ books published (Data Template)	[View File]()

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college is taking various initiatives to improve the quality of life surrounding the institute. The institute is much concerned to prepare its students sensitive towards social issues. To achieve this goal NSS Unit, women cell and different students club organize various activities throughout the year. Camps, Lectures, awareness programs and other events are organized time to time to engage students in social work besides studies for their holistic development.

Students are encouraged to take part in activities related to literacy, gender sensitization and environment protection. Regular meetings of NSS/Women cell are helpful in this process. The college NSS unit also has arranged blood donation camps in collaboration with Indian Red Cross Society every year.

The students also perform nukkad natak (Play) on various issues to motivate the local community like Water conservation, Food security, Environment conservation, against drugs, Beti Bachao - Beti Padhao, Energy conservation, paper saving, Swachh Bharat abhiyaan are among the list of the programs organized. Door to door campaign and rallies are helpful to convey the message. Different government schemes for the people, Value of Vote, Aadhaar card, Road safety, driving license are some other concerns which are discussed among society. We provide opportunities to the students for discussing the social issues and their solution through Debate and Group Discussions.

File Description	Documents
Paste link for additional information	https://www.brcmcet.edu.in/nss.html
Upload any additional information	[View File]()

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

01

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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., during the year

10

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

785

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

62

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The institute is nestled in more than 100 acres of lush green environment. The state of the art facilities provides the right atmosphere for the students to grow up through a complete learning process.The institute has adequate facilities for teaching learning. There are sufficient number of well-designed ICT enabled class rooms and well equipped laboratories with state of the art instruments apparatus and recent software, one fully air conditioned Seminar hall with seating capacity of more than 500 to organize different students activities / Seminars/ Workshops/ Extension lectures/Quiz/Cultural programs, Open Auditorium with seating capacity of 4000 to organize the large level programs such as Science Exhibition/Annual function & Cultural, activities etc. Modern computerized Library works as resource centre as it has many reference books, E-journals, Newspapers, Magazines and periodicals on current affairs along with the text books required as per curriculum. College has also provided the book bank facility. In order to maximize benefits of the technological advancement, learning through internet has gained vital importance among students. Keeping abreast with time, 50 MBPS leased line has been laid within the entire campus thereby providing INTERNET facility in Hostels, Labs, library, Departments, Offices and Staff residences.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

Sports/Games Sports activities occupy a significant part of thecurriculum in our institute. The institution has all the adequate facilities for all types of sports and games (indoor, outdoor), gymnasium, yoga centre etc. The large playground supports a wide variety of games such as Cricket, Football, Volleyball, Athletics etc. There is separate space for indoor sports including Badminton, Table Tennis, Weight Lifting, Chess

and Carom There is separate gymnasium for boys and girls in the campus. The sports calendar is also framed out by the affiliating university to ensure and motivate the students for participation. Special financial aids are provided to the students for outstation participation in other universities and colleges. Cultural Activities The students of the college participate in different cultural activities round the year. A college cultural committee comprises of both faculty and students are there to look after all cultural activities. We have a fully air conditioned auditorium along with an open air theater. Students are also encouraged to participate in different culture activities including youth festivals and events organized by different institutions. Financial aid in the form of TA/DA for outstation participation along with expert facilities of professionals is provided to the students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

10

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

11.38

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Yes, BRCM-CET Library is automated using Integrated Library Management System. The modern computerized library having seating capacity of 75readers. The library is using most popular integrated Library Management Software (ERP) which provides online Web OPAC system facility to search library collection for users. It is well-stacked with 38,827volumes and 5114titles including Book Bank section. Under book bank scheme 6 text books in every semester are issued to each student. The library is subscribing various International e-Journals and Printed Journals, National Journals, e-books and large numbers of technical magazines in various fields. This library has got a digital library section. In the library a separate IT zone is available for accessing Eresources. One printer is available for public access. Internet facility is available in the IT zone of the library. Access to online e-journals through DELNET is available.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.brcmcet.edu.in/library-facility.html

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.90

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

45

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

LAN Facility

There are 38 data network switches (Gigabyte). 18 POE network switches (GB) for accesspoints, CCTV cameras. Intercoms and 1 SOPHOS Cyberoam firewall for content filtering for 2500 users

simultaneously. 50 Mbps of internet connectivity is shared across the campus, out of where 25 Mbps is shared for the students.

Server configurations

There are four servers in which 2 Xeon E-5 version with configuration with 2.7*2 GHz Processor, 4 GB RAM DDR2, 500 GB hard Disk and 2 Intel i7 server with SSD Hard Drive. 1 TB hard drive, which is served as a domain controller (DC).

Work station:

There are total of 290 desktops.

Software:

There are total 679 genuine licenses software, in which 529 Microsoft standard and professional editions for departments. We also use open-source operating systems such as Fedora, Ubuntu, and CentOS. All windows systems are protected with Sophos end protection anti-virus.

Printers:

8 LaserJet printers, 4 Xerox machine, and five scanners across the campus for academic and administrative purposes.

ERP (Enterprise Resource Planning) Software

Under College ERP, we handle Registration cum Admission, Fees, Time Table, Transport Module, Examination, Inventory & Accounts, Library, HR & Payroll Module, Reception, Hostel, Attendance etc. modules with the improved reporting system.

Wi-Fi

Eight Extendable Wi-Fi access points are placed in various places like the library, corridors, labs, hostels, and the canteen and outdoors.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.brcmcet.edu.in/internet-facilities.html

4.3.2 - Number of Computers

290

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution   A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

Laboratories

All laboratories are properly used by the students as per their requirements during the college hours and can also be availed even after the college hours. Lab Attendance register, stock register, Invoice files and purchase bills are maintained for each lab

Computers and IT facilities

System Administrator is responsible for the maintenance of computers and IT facilities. They resolve the issues related to IT facilities such as, hardware troubleshooting, software installation & updation, maintaining biometric devices, ICT facilities, printers, anti-virus installation, website maintenance, and other network-related issues.

Library

Librarian collects the requirement for a list of books, journals and other resources from all HODs during the commencement of each academic year. The list is duly verified and approved by the Principal.

Sports Facility Maintenance

Sports Incharge maintains the sports facilities available in the institution. Stock Register and Issue Register are maintained to ensure the proper handling of the sports equipment. Sports and Games is an internal part of the college.

Electrical Maintenance

Electrical engineer is responsible for the maintenance of electrical equipment such as generators, UPS, and Batteries. The Contractor of Sure Energy Systems Pvt. Ltd analyzes, maintains and resolves the issues in electrical equipments at regular intervals.

Maintenance of other Infrastructural facilities

Maintenance Supervisor of the institution oversees the maintenance of buildings, classrooms, and Laboratories. The committee works with a group of dedicated supporting staff to upkeep the facilities in good condition.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.brcmcet.edu.in/other-facilities.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

62

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

366

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

35

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

10

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/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: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

1

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

6

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students are member of different Councils/Committees/societies/Clubs of college. The objective is to ensure students participation in the development of their personality, organizational skills and technical skills. College also provides platform to students for co-curricular and extra-curricular activities. The list of various Councils/Committees/societies/Clubs is as follows:

- **Internal Quality Assurance Cell (IQAC)**
- **Alumni Affairs Committee**
- **Student Grievance Redressal Committee**
- **Training and Placement Committee**
- **Mess Committee**
- **Cultural Committee**
- **Hostel Management Committee**
- **Mechanical Engineering Society (MES)**
- **Computer Science Engineering Society (CSES)**
- **Electrical Engineering Society (EES)**
- **Society of Civil Engineering (SCE)**
- **Sports Committee**

The college has a student council consisting of two students from each class as class representative. The students are also included in various student activities cells and committees to take decisions in consultation with students. The grievance redressal cell and anti-ragging committee involve participation and feedback of student council in various activities of the college. The student council gives suggestions to the college authorities with regard to policy decisions and infrastructure development. The student's advice and their valuable suggestions are considered for betterment.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

14

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	[View File](#)
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File](#)

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The BRCM CET Alumni Association aims working for an all time interaction among alumni of the institute. The association provides opportunities for interaction between past and present graduates of the college. The alumni of our college hold good

positions in institutions and Organizations of National & International repute. The college Alumni Association brings all these outstanding people together on a single platform. Alumni meets are being organized time to time by the association. The main aim and objectives of Alumni Association are:

- To foster the feeling of BRCM fraternity among college alumni through interaction by promoting and propagating the achievements of the members and the Alma Mater through newsletters, media, E mails etc.
- Promoting academic and professional excellence by organizing or sponsoring seminars/ conferences/ guest lecturers / publications etc for benefit of current students.
- Providing career guidance in both academic and extracurricular field to the public at large and students of the Alma Mater and creating opportunity for transfer of technology/knowledge amongstthe members and the Alma Mater.
- The alumni association of the college significantly contributes to the development of the college by providing valuable suggestions/Technical assistance time to time.
- To arrange and support in placement activities for the students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION:

To be a value based leading institution ensuring Academic Excellence, Research, Nurturing Innovation and Entrepreneurial Attitude to produce competent technocrats for service to Nation.

Nature of Governance: The institution is recognized by All India Council for Technical Education, approved by Government of Haryana and affiliated to Maharshi Dayanand University, Rohtak. The Governance of the institution is strictly in accordance with the Vision and Mission. The system is effectively decentralized for a better governance and performance. The major decisions which have a bearing on the function and the goal of the college are done by the BOG (Board of Governor) which includes the chairman of the institution. The staff council of the college headed by the Principal and all the HODs ensure the proper implementation of the decisions and directions given. The Management gives sufficient freedom to the Principal, who is the academic head of the institution to function in order to fulfill the vision and mission of the institution. HOD is delegated with department-level authority. The responsibilities are communicated to the faculty members through regular staff meetings. The office administration of the college is headed by the Assistant Registrar.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Principal is the Head of the Institution and he ensures that the right ambiance is created for the smooth functioning of all academic activities, intellectual growth, and research pursuits. He periodically convenes meetings with the HODs, where ideas gathered from faculty members are exchanged and decisions are made regarding and improvement in the academic performance of the students. He creates various committees in consultation with the HODs. To name a few Committees: IQAC, Disciplinary and Anti-Ragging Committee, Grievance Committee, R&D Committee, Academic

Committee, etc. These committees help in the decentralization of work and collective responsibility. HODs work for the holistic development of the students. This is done with the help of academic coordinators, class coordinators and counselors, who provide academic support, guidance, counsel, address grievances, maintain the database, keep tracks on attendance and communicate student progress to the stakeholders

Case study

- HODs play a crucial role in decentralizing the resources by scheduling the activities of the department and assigning responsibilities to the department faculty.
- Faculty members are involved in the purchase and maintenance of equipment and consumables.
- Faculty members act as representatives in the BOG, Academic Committee, budget committee, library committee and other statutory bodies where important decisions are taken.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The IQAC in consultation with the managing board formulated a strategic plan in year 2020, in order to meet the information needs of stakeholders such as students, teacher's alumni, etc. A Management Information Systems (MIS) was proposed in the strategic Plan. As envisioned in the plan the reliant MIS. The Staff council and IQAC discussed in detail various features to be included in MIS and decide to setup separate portals. The complete automation of the Admistrative and management procedures has been facilitated by installing implementation of total campus solution.

The innovations and achievements of higher learning institutes two of engineering stream (ME, ECE) has already accredited by NBA (National Board of Accreditation) for a period of two year (2015-2017) which helped financial assistance from government agencies, private bodies for the development of institution.

Case Study: Implementation of Total Campus Solution (TCS)

In year of 2011-2012, an agreement was executed between IFW Techno Creations Private Limited and institution BRCMCET to implement 'Online TCS'.

The contents of different portals are given below:

- **Student Management Portal**
- **Faculty Portal**
- **Examination Portal**
- **Administration Portal**
- **Admission Portal**

Orientation programs were organized at regular intervals to the students; teaching and non-teaching staff to give hands on experience in Online TCS. The MIS has been successfully installed and maintained.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

1. The college has a clearly defined organizational hierarchy and structure to support decision-making processes that are clear and consistent with its purposes and supports effective decision making. The organizational structure lends itself to sustaining institutional capacity and educational effectiveness through the involvement of external members in various Committees/ Boards.

2. The Principal, and HODs with the help of faculty members, reviews the progress achieved and problems faced by various committees. The management has always welcomed the views and suggestions expressed by the faculties in taking institution ahead. The presence of the faculty can be found in all the following committees.

1. Board of Governor
2. IQAC
3. Department Advisory Committee (Department wise)
4. Student Council
5. Women Empowerment & Anti-Sexual Harassment Cell
6. Anti-Ragging committee
7. NSS
8. Alumni Committee
9. SC/ST/OBC Committee
10. Minority Cell
11. Hostel Committee
12. Canteen Committee & Transport Committee
13. Sports & Cultural Committee
14. Discipline Committee

3. The institution has a number of students and faculty committees for decentralized management activities/ affairs for better functioning and effective learning of the students.

4. Service Rules, Promotion Policies, Employee Satisfaction, Welfare Schemes, and Grievance Redressal Mechanism are in place. Achievements of faculty and staff are recognized with financial and non-financial incentives.

5. The Grievances of the faculty and staff are redressed timely to keep their motivation all time for their performance efficiency and satisfaction.

File Description	Documents
Paste link for additional information	https://www.brcmcet.edu.in/rulesregulations323.html
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution is having many welfare measures for all the teaching & non-teaching staff as they are the backbone of the institution. Few of the welfare measures are listed below:

- **Subsidized accommodation (staff quarters) inside the campus.**
- **Subsidized bus facilities for the staff members from Bhiwani, Hisar and nearby of Bahal.**
- **Provident fund facility is provided to eligible faculty members of the institution.**
- **Insurance for teaching and non-teaching staff.**
- **Resident Nursing Facility for faculties inside the campus.**
- **Financial assistance to meet emergency medical expenses of staff & family members.**
- **All kind of leaves for teaching and non-teaching staff as per centre/state government guidelines.**
- **The short term advance loan facility.**
- **Sponsorship and Leave for higher studies and attending conferences, development programs, seminars to the staff members.**
- **Loan facility provided to teaching and non-teaching staff through Bank.**

Some other facilities are also available like

- **Gym facility inside the campus.**
- **Yoga facility (regularly yoga meet for staff to reduce the stress).**
- **ATM facility in the campus,**
- **Swimming pool, football ground. Basket ball ground,**

running track, and badminton court for staff.

Apart from all the above things many other welfare measures also taken by the management. Faculties are getting the TSL (Training and Study Leave) for their carrier advancement like the research program. Staff is provided with the study leave while doing their Post-Graduation. Grievance Redressed cell is there for solving all the faculty concerns.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

12

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	*View File*
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	*View File*
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	*View File*

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

41

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	*View File*
Details of teachers attending professional development programmes during the year (Data Template)	*View File*

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A well-defined system for faculty appraisal is followed in the institute. This may be a valuable process for both the institute and the faculty, as it enhances communication channels and

thereby establishing a constructive dialogue between the appraisers and the appraised.

The faculty members are expected to:

1. Provide periodical reports that correspond to their teaching and learning activities and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.

2. Participate in scholarly and research activities which enhance their professional development.

3. Afford professional services to the university and community.

Implementation and Effectiveness of Faculty Appraisal System

- The performance appraisal is conducted at the end of every academic year. An effectively designed Performance Appraisal Form is provided to every faculty member for self-evaluation. The weightage of the parameters in the Self Appraisal Form vary for Professors, Associate and Assistant Professors.
- Individual faculty's contribution to institutional performance and their administrative responsibilities will be filled by the faculty in their self-appraisal form. The assessment is done based on the self-appraisal evaluation form.
- The individual faculty member will then be asked to give a presentation in front of a committee which constitutes of Management, Principal, the respective HOD and an external subject expert. The presentation comprises of their academic performance, knowledge upgradation, notable contributions to the department and the institute and comparative statement of the past and present commitments.
- Suggestions and feedback will be given to improve their contribution in the subsequent year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Yes, the college conducts annual financial audit regularly. The procedure of the audit is as follows: -

Internal audit system: - All the documents which are related to financial transaction are checked and verified by the authorities (college principal / finance officer).

External audit system: - The external financial audit is performed regularly by the registered CA.

The college has a mechanism for internal and external financial audits. Monitoring financial management practices is a significant process in the internal audit. An internal audit is carried out by the Finance Committee. Budget and statement of expenses are reviewed every quarter by the Finance Committee. The accounts of college are audited each year by the External Qualified Chartered Accountant appointed by the BRCM Educational Society. The Audited Report by the External CA is placed before the governing body for wetting and rectification if any. The qualified remarks given by the auditors are taken into consideration in the forthcoming years.

Budget provisions are formally identified and approved yearly. The expenditures are made in the most economical and transparent manner in conformity with the procedures prescribed in the rules. All the documents which are related to financial transaction are checked and verified by the authorities (college principal / finance officer). The income and expenditure of the University are subjected to the regular audit.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File]()

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

102.61

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

At the beginning of every financial year, the Governing Body and the Financial committee prepare the Financial year budget.The college budget includes all there curringandnon- recurring expenses,which include planned and unplanned expenses.

The planned utilization of fund is as given below:

- **Approval and affiliation fee**
- **Creation and maintenance of academic infrastructure**
- **Purchasing of equipment's and software**
- **Research and development**
- **Admission Promotion**

The Institute has a well-defined financial policy to ensure effective and optimal utilization of funds for academic, administrative, and infrastructure development purposes, which ultimately realizes its vision and mission.

For every academic year, the budget is prepared well in advance after considering the requirement of every Department. Each Department prepares its budget based on the requirements such as equipment, software, computers, printers, etc. for student and faculty activities, research and development in the departments, and consumables required for the next academic session. The principalput up the budget in front of BOG, and after discussion and necessary corrections ormodifications, the Governing Body recommends the budget for approval.

Periodically, the Governing Body monitors the annual expenditure, scrutinizes the budget, and provides feedback about the efficient use of financial resources. The Institute has a

standardized procedure for sanctioning funds for various activities and settlement of advance and passing of bills for payment.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

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

The Internal Quality Assurance Cell (IQAC) is established in the institution to maintain and enhance quality of education. The prime task of IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. The work of IQAC is the step towards the internalization and institutionalization of quality enhancement. To ensure efficient functioning of IQAC, coordinator of the cell interacts with various functionaries for effective implementation of IQAC and apprises chairperson of IQAC from time to time for the progress. The cell having meeting at least once in a year and record its deliberation and suggest improvements required if any in academic / administrative functions. The institute has well defined policy for the quality assurances which is ensured by the effective participation from all the stakeholders. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted.

Quality Policy:

We aspire for global recognition through systematic and meticulous transformation of our students into highly motivated graduates enriched with professional competence, managerial skills, built in dynamism and humanism.

Quality Objectives are as under:

- Develop quality consciousness among everyone in the institution including students.
- Promote, foster and sustain an environment to achieve academic excellence.

- **Maintain a good cooperative and beneficial relationship among all the stakeholders of the institution.**

IQAC having meeting periodically and record its deliberation and suggest improvements required if any in academic / administrative functions.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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 and recorded the incremental improvement in various activities

The college reviews its teaching-learning process at periodic intervals through IQAC set up. After revising the teaching-learning process, the IQAC team made some suggestions. One suggestion was that teachers make study material available to students in both online and offline modes. A feedback system has also been adopted to evaluate teaching and learning processes.

1. Easy availability of study materials

Textbooks were provided for all courses for all students from the College book bank. Apart from this,comprehensive study material was also arranged by the faculty for all the courses and given to all the students.

2. Enhancing the teaching-learning process by using a feedback system

The departments of college have a formal mechanism to obtain feedback from stakeholders to improve the quality of the teaching-learning process. Feedback is taken from students and their parents by distributing predefined proformas.

3. Pre-placement technical training and company-specific training A special placement training is planned for the students from the first year to the final year and is executed by a separate training cell.IQAC has played a key role in providing input to the training cell.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	[View File](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institute initiates various steps for the gender equity:

1. Safety & Security: The college campus is much concerned about safety & security of the students especially for the girls students. CCTV cameras are installed throughout the campus. The security staff is being deputed at the gate. Every student, staff members as well as the visitors are thoroughly checked and their entry is being registered at the gate. The discipline committee members as well as the security guard keeps on

monitoring the college. The college building is surrounded by boundary wall. We have also provided the Bus facility to the students; mostly girl students are taking benefit of this facility. The girl students who want to go outside (during the college hours) are duly verified in consultation with their parents/Guardian.

2. Counseling: Women cell of the college looks after each & every concern of the girls student. The cell organized counseling sessions, different awareness programs, medical camps as well as other activities for the upliftment & empowerment of the girls. The college also motivates the girls students by organizing self defence training & lectures in collaboration with Police department. We have also Anti-Sexual harassment cell in our college.

3. Girls Common Room: Separate well equipped Girls common room is provided.

4. Awareness programs like "Beti Bachao-Beti Padhao" organized by NSS team of college on regular intervals.

These facts clearly indicate that the college has a very healthy atmosphere, concerned about gender sensitive issues and promoting actively gender-equity values.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	[View File]()
Any other relevant information	[View File]()

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

At BRCM College of Engineering & Technology, activities pertaining to keep the environment green and pollution free are encouraged and best efforts to manage waste from its origin to its final disposal is done. This includes the collection, transport, treatment and disposal of waste. It is worth mentioning that it is mandatory for students of all branches to undergo a course named Environmental Science through which awareness about the environment and related issues with solution strategies is imparted. Many awareness environment awareness programs are also organized.

Waste Management is classified into six broad categories. They are:

Solid Waste Management

- **Separate Dustbins for recyclable and non-recyclable wastes are available in common places.**
- **Paperless communication (e-mail / WhatsApp communication) is a regular practice.**
- **The single side papers are re-used for writing and printing circulars in all departments.**

Liquid Waste Management

- **Sewage Treatment Plant (STP) is installed and the treated water from STP is used for several purposes like watering to plants and trees, cleaning and etc.**
- **Rain Water Harvesting system is in place..**

Biomedical Waste Management

No Biomedical waste is generated in campus.

E-Waste Management

- **Used batteries and electronics wastes are disposed of through outside agencies.**

Waste Re-cycling System

- **Liquid waste is processed in Sewage Treatment Plant and the treated water is reused for gardening and toilet flush tanks.**
- **Biodegradable waste is processed for composting and the compost produced is used for gardening.**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	<u>View File</u>

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	[View File](#)

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute is located at Bahal on the outskirts of Bhiwani which spreads over 130 acres of lush green campus enveloped with serene beauty and environment. Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other.

Tolerance and Harmony to cultural, regional, linguistic, communal socioeconomic and other diversities is best achieved by the major events like Holy, Tech Fest, Diwali and Cultural Fest at Institute levels. Students have formed various clubs at the campus levels which also support and propagate the idea of diverse cultures. Tech Fest and Cultural Fest are annual events where the Institute invites popular music singers with their teams to enthrall the students with rich cultural songs.

International Yoga day is being celebrated every year. International commemorative days like World Environment Day, international artist day and world poet day are conducted and marked by appropriate competitions. The students cultural programs has always themed of communal and inter-religious harmony.

There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone's racial or cultural background.

Social connect with rural people residing in and around the institute is also encouraged respecting the cultural, communal, socioeconomic and linguistic values of locals.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	[View File](#)

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Sensitization of students and employees of any Institution to the constitutional obligations is significant and makes them realize their prime responsibilities. Therefore the college needs to make a basic sense of social responsibility and sensitize students to social cause and issues so that they may become efficient in the class and society. Our college also encourages group volunteerism through seminars aiming at developing students personality and undertaken various activities from time to time to spread social awareness about issues like Communal harmony, blood donation, plantation camp, Beti Bachao Abhiyaan, Gandhi and Shastri Jayanti Celebration, drug abuse, health and hygiene, disaster management etc.

Republic day always celebrated annually remember the father of the Indian Constitution and to awaken constitutional values, rights, duties and responsibilities among students and staffs towards the nation.

Our college has a tradition where Hon'ble Principal directly interacts with the students on the first working day every year, wherein the students are made aware of their fundamental duties and responsibilities as a citizen as well as of being a student of the college. The college is a unique integration of quality education and over all development of students that empower them to become confident, competent and responsible global citizens who value education as a lifelong process.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.brcmcet.edu.in/student-activities.html
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students,   teachers, administrators and other staff   4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

BRCM CET organizes national festivals, birth and death anniversaries of great Indian personalities to promote national unity, integrity and patriotism among the young minds. Thoughts of great Indian personalities sowed into the minds of students through the programs conducted on these days. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular. Keeping in view of this, following programmes are conducted for the holistic

development of Students:-

- **26th January Republic Day**
- **Holi**
- **15th August Independence Day**
- **5th September Teachers' Day**
- **15th September Engineers' day**
- **23 September Shaheedi Diwas**
- **Diwali**

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 1:

TITLE: OVERALL GROOMING OF STUDENTS

The students are involved in various extracurricular activities beyond their academic curriculum from time to time. This helps to remove the stage fear among the students and also to build their self confidence and enhance their personality skills.

Some of the events organized in the session 2021-22 are:

1. **Motivational Lectures**
2. **Group Discussion**
3. **Poster Making Competition**
4. **Visit to nearby areas**
5. **Sport Events**
6. **Yoga Sessions**

BEST PRACTICE 2:

TITLE: Community Approach & Social Work

BRCMCET organized several events for the welfare of the society. Some of such activities are:

1. **Free classes for nearby schools**
2. **Career Guidance in nearby schools**
3. **Celebration of various festivals**

File Description	Documents
Best practices in the Institutional website	https://www.brcmcet.edu.in/student-activities.html
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

BRCM is a pioneering Institution that believes in imparting quality education and makes the students globally competent. It is because of the assumption that the students who excel in academic endeavours become competent professionals contributing to the advancement of their respective industries and of the societies they belong. We are efficiently moving towards our vision to be an outstanding Institution through academic excellence. BRCM exerts all efforts to instill academic integrity, ethical and moral values in the students. In pursuit of achieving our goals we disseminate knowledge through participative learning, experimental learning and problem solving approach. BRCM has the highest no. of University Toppers & Merit Rankers among all colleges under M.D. University, Rohtak . The Institute regularly organizes Seminar, Workshops, Add-on Programs, Expert Lectures, Technical Events and Industrial Visits etc. Various extension activities are also organized for the overall development of the students. The Institute motivates the students to excel in academic endeavour by providing them various scholarships and awards.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Being an affiliated institution, BRCM College of Engineering and Technology, Bahal adopts the curriculum designed by Maharshi Dayanand University (MDU), Rohtak.

- **The Academic calendar provided by the University is taken as the base for making curriculum delivery plan. The academic calendar provides the date of commencement of the academic session, submission of mid-term exam marks, the duration of the semester, the period of internal assessment tests, practical exam schedule, preparation holidays, final semester examinations etc.**
- **The Head of the institution conducts meetings with the Head of the departments for developing a detailed academic calendar for the effective implementation of the curriculum immediately after the release of academic calendar of university.**
- **The Head of the Department monitors the academic activities on a regular basis by verifying monthly syllabus coverage report to ensure the execution of effective teaching learning process as per the academic calendar, and finds the gap, if any. The IQAC performs academic audit time to time during the semester to ensure the effective delivery of the curriculum.**
- **The academic performance of students is continuously and carefully monitored by conducting special tests, Mid Term exams, during the semester to assess the attainment of Course Outcomes(COs).**

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	**Nil**

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution strictly adheres to the academic calendar published by MDU Rohtak for conducting different academic and extracurricular activities. The academic calendar provides the date of commencement of the academic session, submission of mid-term exam marks, Parent-Teachers meeting, the duration of the semester, date of internal assessment tests, practical exam schedule, preparation holidays, final semester examinations, etc.

Continuous Internal Evaluation plays a very important role in deciding the quality of the education system. In addition to this, the institution has made significant measures to enhance and evaluate the performance of students by framing significant reforms in CIE at the institute level.

The faculty members are prepares the lesson plan before the commencement of semester, indicating the topics to be covered lecture wise including the evaluation process for each subject and it is duly reviewed by the Head of Department. The institution conducts two Sessional Examination in each semester.

In addition to the tests, assignments, mini-projects and quiz are also the part of Continuous Internal Evaluation. The evaluated answer books are returned to the students and an opportunity is given to the students to discuss the evaluation with the teacher.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment	A. All of the above

/evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

10

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

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

- **The institution strongly believes that addressing cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics have a direct impact on achieving the sustainable development of the nation.**
- **So the institution takes a continuous effort in integrating cross-cutting issues to be an integral part of the curriculum to achieve holistic development of the students and to create a positive vibration on their study and societal commitment.**
- **The institution offers courses that integrate crosscutting issues as part of the curriculum prescribed by MDU Rohtak. As a supplement of this endeavor, the institution also organizes various activities such as seminars, expert lectures, workshops, awareness programs etc, throughout the year.**
- **A vibrant and active Women Cell working throughout the year in enhancing sensitivity about gender based issues and in providing congenial and supportive environment to girls for their overall development.**
- **Students have to clear a paper on environmental awareness to get their degree. Practical assignments are also given to the students to make them aware about environment issues. Tree plantation programs are organized time to time by involving maximum number of students. Lush green campusitself describe our effort in this field.**

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

110

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.brcmcet.edu.in/stakeholder-feedback.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.brcmcet.edu.in/downloads/files/n629489eb1d649.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

125

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

32

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

BRCM institution assesses the learning levels of the students on the basis of result/marks obtained by the students in the previous university examination. Based on the assessment the students are identified as slow learner and are identified as advanced learner.

Strategies adopted for Slow Learners- Sufficient Support is dispensed to slow learners to overcome academic difficulties by:

- Motivate them for actively participation into several programs
- Organize remedial classes by expert faculty.
- Encourage them to solve previous year university question papers for improving performance
- Involve them in practical assignments
- Guided Self Study Courses classes
- Dispensing extra reading material to enhance basic knowledge of subject
- To engage them in NSS activities to develop social skills.

Strategies adopted for Advanced Learners- In order to support the fast learners, it is ensured that:

- Encourage them to involve themselves in various forums

- like quiz, poster presentation, conference, inter college competitions
- **Provide opportunities to perform mini-project work in any concerned organizations**
- **Assign them project work related to their subject**
- **Encourage them to involve in writing research papers**
- **Organize seminars, workshop, aptitude and communication skills enhancement programs**
- **Motivate them to play active roles in various co-curricular activities**

File Description	Documents
Paste link for additional information	https://www.brcmcet.edu.in/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
519	49

File Description	Documents
Any additional information	View File

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

BRCM CET ensures that student-centric methods are effectively used in regular academic practices as it makes the students more self-reliant and self-motivated, and learning as interesting and effective. Instead of teacher-centric conventional teaching methods, the institution strongly believes that student-centric learning methods enhance the lifelong learning skills of students.

The institution takes significant efforts to explore flipped classrooms with ICT tools and e-resources, such as NPTEL videos, e-books, PPTs, etc which helps to easily transform conventional teaching process to student-centric process.

To make the learning activity more interactive below-

mentioned student-centric methods are adopted :

Experiential Learning: The college imparts the following experiential learning practices to enhance creativity and cognitive level of the students

- Laboratory Sessions with advanced experiments
- Internship to expand the knowledge on market trends
- Add-on Courses on latest technologies
- Case Studies, Prototype Model Making, Visual Aids usage
- Project development

Problem-solving methods:

- Practical Sessions to get Hands-on experience
- Tutorial Sessions
- Brain Storming sessions
- Special Assignments
- Technical Seminar on contemporary topics
- Group discussion
- Quiz Sessions

Participatory Learning:

- Tech Fest/Project Expo
- Group Discussion, Debate, Role Play, Quiz
- Technical Seminar Presentation
- Periodical Industrial Visit to get insight into the internal working atmosphere of industries
- Co-curricular & Extra-Curricular activities/contests to trigger self-confidence of the students
- NSS and extension activities

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

BRCMCET encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. Most of the College teachers are using ICT tools and other digital resources.

The Institution is provided with all state of the art facilities such as adequate number of spacious Class Rooms, well equipped laboratories, tutorial rooms, seminar/conference halls etc. which are well equipped with ICT facilities to facilitate the academic programs.

The Institute has well developed Computing resources and equipments like desktops, servers, printers, CD writers, firewall, laptops, and accessories, which are used for a various purposes like data entry, research activities, storing files, running an application etc.

For effective teaching and learning process projectors and its accessories are installed in all the class rooms and for the purpose of better surveillance CCTVs are installed at all corners of campus to cover the maximum area.

The institute is the Remote centre of IIT Bombay and IIT Kharagpur under NMEICT, MHRD, Govt. of India. Our institute is designated by IIT Delhi as nodal center for Virtual Labs (A MHRD, Govt. of India project) and also a SWYAM-NPTEL Local Chapter. Teachers and students get benefited by the services provided by these institutes through online mode.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

45

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	**No File Uploaded**
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

49

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

14

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

345

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution maintains high transparency and robustness in conducting internal assessment exams by adopting several effective mechanisms as given below:

- Schedule of Internal assessment test, syllabus and question paper pattern adhered to the academic calendar and regulations of MDU Rohtak are displayed well in advance before the commencement of the academic session.
- The marks of internal assessment are awarded by faculty and the same is verified by HOD and college principal before finally submittingon university portal.
- Assignments are given on each unit of the course and suggestions to improve their performance are given after evaluation.
- Exam attendance report for every fortnight is displayed and uploaded in the ERP and the same is communicated to the parents through mails/Messages/letters.
- Their performance is assessed on various parameters such as presentation skills, technical skills, communication skills, and viva-voce. Internal marks are displayed immediately after the evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.brcmcet.edu.in/

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

The mechanism to resolve internal examination grievances is as follows:

- After evaluation of internal assessment answer scripts, the scripts are given to students to have an idea of their performance in the test.
- Utmost care is taken in resolving exam related issues. This cell actively resolves the issues, such as awarding of less mark in answer scripts, seminar, assignment, counting mistakes, poor evaluation answer scripts and assignments, out of syllabus question paper, etc.
- In general, the issues related to internal exams are resolved by the respective faculty.
- When the student is not satisfied with the response from the faculty, they can approach the HOD through their mentor.
- Even if the issue is resolved, the student can approach to the Dean/Principal.

File Description	Documents
Any additional information	[View File]()
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

- The Institution has clearly stated Program Outcomes, Program Specific Outcomes, and Course Outcomes. In the beginning of each session, the faculty members are made aware about general rules and regulations about the academic curriculum. The program learning objective along with the outcomes are discussed among students in details.
- Course instructor defines Course Outcomes for all the courses.
- The Department Advisory Committee and the Head of the Department review and approve the Course Outcomes (CO).
- Knowledge in the concerned subjects measured by marks awarded in examination, it obviously stated teaching learning outcome of the institution.
- The following mechanism is followed by the institution

to communicate/disseminate Program outcomes, program specific outcomes and course outcomes to the teachers and students:

- ○ **College website**
- ○ **Department Notice Board**
- ○ **Director/Principal/Vice-Principal/HOD chamber and all central facilities**
- ○ **All Laboratories**
- ○ **College prospectus**
- ○ **Display at the Prominent Locations of the Campus**

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.brcmcet.edu.in//downloads/files/n64097777ca54c.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

BRCM CET has adopted Outcome Based Education which focuses on measuring student performance through outcomes. Course Outcomes, Program Outcomes, and Program Specific Outcomes are evaluated to measure the knowledge, skills, and behavior of students for the continuous quality improvement of each Course and Programs.

- • **Evaluation CO, PO and PSO attainment help faculty members to ensure outcomes are being reached, monitor the students' performance in upcoming sessions, and improving teaching efficiency.**
- • **Attainment of Course Outcomes is measured using Direct and Indirect methods.**
- • **For direct attainment, marks of Continuous Internal Evaluation Tests, assignment (other special components such as Quiz, mini-projects, case studies, seminar presentation, etc.) and University results are taken as input parameters.**
- • **For Indirect attainment, the Course Exit survey conducted at the completion of each course is used as**

- an important tool. Using the weighted average score obtained in a Course Exit survey, indirect attainment level for each course outcome is measured.
- After measuring the CO attainment of each course, recommendations are put forth to the respective course to practice from the next academic year to improve the teaching-learning process.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.brcmcet.edu.in//downloads/files/n64097777ca54c.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

133

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://www.brcmcet.edu.in/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.brcmcet.edu.in/stakeholder-feedback.html

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research

projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

8

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has created an ecosystem for innovation including incubation centre, MOUs with other national and international institutes and other initiatives for creation and transfer of knowledge. The institute is the Remote centre of IIT Bombay and IIT Kharagpur under NMEICT, MHRD, and Govt. of India. Our institute is designated by IIT Delhi as nodal center for Virtual Labs (A MHRD, Govt. of India project) and also a SWYAM-NPTEL Local Chapter.

Faculty encourages students to inculcate scientific temper and research aptitude by giving an initiation through projects and practical. Science exhibition and quiz events motivate the students and create interest in innovation.

To promote institution-neighborhood-community network, the institution takes help of NSS volunteers. Camps and other events are organized from time to time to engage students in social work besides studies for their holistic development. Involvement of community is facilitated through NSS camps, Women Cell and Jagriti manch initiatives in rural areas. Lectures are organized on the issues like cleanliness & hygiene, dowry system, disease control, honor killing and female feticide, Girls Education to aware and empower the villagers and thereby transformation is made in their lives. The training in basic blood donation, first-aid and literacy campaign organized as the part of these camps ensured community participation. Awareness rallies about all current issues are conducted in local area time to time.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

13

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

3

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	[View File](#)
Any additional information	[View File](#)

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

57

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

8

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college is taking various initiatives to improve the quality of life surrounding the institute. The institute is much concerned to prepare its students sensitive towards social issues. To achieve this goal NSS Unit, women cell and different students club organize various activities throughout the year. Camps, Lectures, awareness programs and other events are organized time to time to engage students in social work besides studies for their holistic development.

Students are encouraged to take part in activities related to literacy, gender sensitization and environment protection. Regular meetings of NSS/Women cell are helpful in this process. The college NSS unit also has arranged blood donation camps in collaboration with Indian Red Cross Society every year.

The students also perform nukkad natak (Play) on various issues to motivate the local community like Water conservation, Food security, Environment conservation, against drugs, Beti Bachao - Beti Padhao, Energy conservation, paper saving, Swachh Bharat abhiyaan are among the list of the programs organized. Door to door campaign and rallies are helpful to convey the message. Different government schemes for the people, Value of Vote, Aadhaar card, Road safety, driving license are some other concerns which are discussed among society. We provide opportunities to the students for discussing the social issues and their solution through Debate and Group Discussions.

File Description	Documents
Paste link for additional information	https://www.brcmcet.edu.in/nss.html
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

01

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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., during the year

10

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

785

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

62

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	<u>View File</u>
Details of Collaborative activities with institutions/industries for research, Faculty	<u>View File</u>

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<u>View File</u>
Any additional information	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<u>View File</u>

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

The institute is nestled in more than 100 acres of lush green environment. The state of the art facilities provides the right atmosphere for the students to grow up through a complete learning process.The institute has adequate facilities for teaching learning. There are sufficient number of well-designed ICT enabled class rooms and well equipped laboratories with state of the art instruments apparatus and recent software, one fully air conditioned Seminar hall with seating capacity of more than 500 to organize different students activities / Seminars/ Workshops/ Extension

lectures/Quiz/Cultural programs, Open Auditorium with seating capacity of 4000 to organize the large level programs such as Science Exhibition/Annual function & Cultural, activities etc. Modern computerized Library works as resource centre as it has many reference books, E-journals, Newspapers, Magazines and periodicals on current affairs along with the text books required as per curriculum. College has also provided the book bank facility. In order to maximize benefits of the technological advancement, learning through internet has gained vital importance among students. Keeping abreast with time, 50 MBPS leased line has been laid within the entire campus thereby providing INTERNET facility in Hostels, Labs, library, Departments, Offices and Staff residences.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

Sports/Games Sports activities occupy a significant part of thecurriculum in our institute. The institution has all the adequate facilities for all types of sports and games (indoor, outdoor), gymnasium, yoga centre etc. The large playground supports a wide variety of games such as Cricket, Football, Volleyball, Athletics etc. There is separate space for indoor sports including Badminton, Table Tennis, Weight Lifting, Chess and Carom There is separate gymnasium for boys and girls in the campus. The sports calendar is also framed out by the affiliating university to ensure and motivate the students for participation. Special financial aids are provided to the students for outstation participation in other universities and colleges. Cultural Activities The students of the college participate in different cultural activities round the year. A college cultural committee comprises of both faculty and students are there to look after all cultural activities. We have a fully air conditioned auditorium along with an open air theater. Students are also encouraged to participate in different culture activities including youth festivals and events organized by different institutions. Financial aid in the

form of TA/DA for outstation participation along with expert facilities of professionals is provided to the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

11.38

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Yes, BRCM-CET Library is automated using Integrated Library Management System. The modern computerized library having seating capacity of 75readers. The library is using most popular integrated Library Management Software (ERP) which provides online Web OPAC system facility to search library collection for users. It is well-stacked with 38,827volumes and 5114titles including Book Bank section. Under book bank scheme 6 text books in every semester are issued to each student. The library is subscribing various International e-Journals and Printed Journals, National Journals, e-books and large numbers of technical magazines in various fields. This library has got a digital library section. In the library a separate IT zone is available for accessing Eresources. One printer is available for public access. Internet facility is available in the IT zone of the library. Access to online e-journals through DELNET is available.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.brcmcet.edu.in/library-facility.html

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

`0.90`

File Description	Documents
Any additional information	[View File]
Audited statements of accounts	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File]

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

`45`

File Description	Documents
Any additional information	[View File]
Details of library usage by teachers and students	[View File]

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

`LAN Facility`

`There are 38 data network switches (Gigabyte). 18 POE network switches (GB) for accesspoints, CCTV cameras. Intercoms and 1 SOPHOS Cyberoam firewall for content filtering for 2500 users simultaneously. 50 Mbps of internet connectivity is shared across the campus, out of where 25 Mbps is shared for the students.`

`Server configurations`

`There are four servers in which 2 Xeon E-5 version with configuration with 2.7*2 GHz Processor, 4 GB RAM DDR2, 500 GB hard Disk and 2 Intel i7 server with SSD Hard Drive. 1 TB hard drive, which is served as a domain controller (DC).`

`Work station:`

There are total of 290 desktops.

Software:

There are total 679 genuine licenses software, in which 529 Microsoft standard and professional editions for departments. We also use open-source operating systems such as Fedora, Ubuntu, and CentOS. All windows systems are protected with Sophos end protection anti-virus.

Printers:

8 LaserJet printers, 4 Xerox machine, and five scanners across the campus for academic and administrative purposes.

ERP (Enterprise Resource Planning) Software

Under College ERP, we handle Registration cum Admission, Fees, Time Table, Transport Module, Examination, Inventory & Accounts, Library, HR & Payroll Module, Reception, Hostel, Attendance etc. modules with the improved reporting system.

Wi-Fi

Eight Extendable Wi-Fi access points are placed in various places like the library, corridors, labs, hostels, and the canteen and outdoors.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.brcmcet.edu.in/internet-facilities.html

4.3.2 - Number of Computers

290

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	`A. ? 50MBPS`

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

File Description	Documents
Upload any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

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.

Laboratories

All laboratories are properly used by the students as per their requirements during the college hours and can also be availed even after the college hours. Lab Attendance register, stock register, Invoice files and purchase bills are maintained for each lab

Computers and IT facilities

System Administrator is responsible for the maintenance of computers and IT facilities. They resolve the issues related to IT facilities such as, hardware troubleshooting, software installation & updation, maintaining biometric devices, ICT facilities, printers, anti-virus installation, website maintenance, and other network-related issues.

Library

Librarian collects the requirement for a list of books, journals and other resources from all HODs during the commencement of each academic year. The list is duly verified and approved by the Principal.

Sports Facility Maintenance

Sports Incharge maintains the sports facilities available in the institution. Stock Register and Issue Register are maintained to ensure the proper handling of the sports equipment. Sports and Games is an internal part of the college.

Electrical Maintenance

Electrical engineer is responsible for the maintenance of electrical equipment such as generators, UPS, and Batteries. The Contractor of Sure Energy Systems Pvt. Ltd analyzes, maintains and resolves the issues in electrical equipments at regular intervals.

Maintenance of other Infrastructural facilities

Maintenance Supervisor of the institution oversees the maintenance of buildings, classrooms, and Laboratories. The committee works with a group of dedicated supporting staff to upkeep the facilities in good condition.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.brcmcet.edu.in/other-facilities.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

62

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

366

File Description	Documents
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health	**A. All of the above**

and hygiene) ICT/computing skills

File Description	Documents
Link to Institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

35

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

10

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/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: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

1

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

6

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students are member of different

Councils/Committees/societies/Clubs of college. The objective is to ensure students participation in the development of their personality, organizational skills and technical skills. College also provides platform to students for co-curricular and extra-curricular activities. The list of various Councils/Committees/societies/Clubs is as follows:

- Internal Quality Assurance Cell (IQAC)
- Alumni Affairs Committee
- Student Grievance Redressal Committee
- Training and Placement Committee
- Mess Committee
- Cultural Committee
- Hostel Management Committee
- Mechanical Engineering Society (MES)
- Computer Science Engineering Society (CSES)
- Electrical Engineering Society (EES)
- Society of Civil Engineering (SCE)
- Sports Committee

The college has a student council consisting of two students from each class as class representative. The students are also included in various student activities cells and committees to take decisions in consultation with students. The grievance redressal cell and anti-ragging committee involve participation and feedback of student council in various activities of the college. The student council gives suggestions to the college authorities with regard to policy decisions and infrastructure development. The student's advice and their valuable suggestions are considered for betterment.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

14

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The BRCM CET Alumni Association aims working for an all time interaction among alumni of the institute. The association provides opportunities for interaction between past and present graduates of the college. The alumni of our college hold good positions in institutions and Organizations of National & International repute. The college Alumni Association brings all these outstanding people together on a single platform. Alumni meets are being organized time to time by the association. The main aim and objectives of Alumni Association are:

- **To foster the feeling of BRCM fraternity among college alumni through interaction by promoting and propagating the achievements of the members and the Alma Mater through newsletters, media, E mails etc.**
- **Promoting academic and professional excellence by organizing or sponsoring seminars/ conferences/ guest lecturers / publications etc for benefit of current students.**
- **Providing career guidance in both academic and extracurricular field to the public at large and students of the Alma Mater and creating opportunity for transfer of technology/knowledge amongstthe members and the Alma Mater.**
- **The alumni association of the college significantly contributes to the development of the college by**

> providing valuable suggestions/Technical assistance time to time.
> * **To arrange and support in placement activities for the students.**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

5.4.2 - Alumni contribution during the year (INR in Lakhs) | **E. <1Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

VISION:

To be a value based leading institution ensuring Academic Excellence, Research, Nurturing Innovation and Entrepreneurial Attitude to produce competent technocrats for service to Nation.

Nature of Governance: The institution is recognized by All India Council for Technical Education, approved by Government of Haryana and affiliated to Maharshi Dayanand University, Rohtak. The Governance of the institution is strictly in accordance with the Vision and Mission. The system is effectively decentralized for a better governance and performance. The major decisions which have a bearing on the function and the goal of the college are done by the BOG (Board of Governor) which includes the chairman of the institution. The staff council of the college headed by the Principal and all the HODs ensure the proper implementation of the decisions and directions given. The Management gives

sufficient freedom to the Principal, who is the academic head of the institution to function in order to fulfill the vision and mission of the institution. HOD is delegated with department-level authority. The responsibilities are communicated to the faculty members through regular staff meetings. The office administration of the college is headed by the Assistant Registrar.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Principal is the Head of the Institution and he ensures that the right ambiance is created for the smooth functioning of all academic activities, intellectual growth, and research pursuits. He periodically convenes meetings with the HODs, where ideas gathered from faculty members are exchanged and decisions are made regarding and improvement in the academic performance of the students. He creates various committees in consultation with the HODs. To name a few Committees: IQAC, Disciplinary and Anti-Ragging Committee, Grievance Committee, R&D Committee, Academic Committee, etc. These committees help in the decentralization of work and collective responsibility. HODs work for the holistic development of the students. This is done with the help of academic coordinators, class coordinators and counselors, who provide academic support, guidance, counsel, address grievances, maintain the database, keep tracks on attendance and communicate student progress to the stakeholders

Case study

- HODs play a crucial role in decentralizing the resources by scheduling the activities of the department and assigning responsibilities to the department faculty.
- Faculty members are involved in the purchase and maintenance of equipment and consumables.

- Faculty members act as representatives in the BOG, Academic Committee, budget committee, library committee and other statutory bodies where important decisions are taken.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The IQAC in consultation with the managing board formulated a strategic plan in year 2020, in order to meet the information needs of stakeholders such as students, teacher's alumni, etc. A Management Information Systems (MIS) was proposed in the strategic Plan. As envisioned in the plan the reliant MIS. The Staff council and IQAC discussed in detail various features to be included in MIS and decide to setup separate portals. The complete automation of the Admistrative and management procedures has been facilitated by installing implementation of total campus solution.

The innovations and achievements of higher learning institutes two of engineering stream (ME, ECE) has already accredited by NBA (National Board of Accreditation) for a period of two year (2015-2017) which helped financial assistance from government agencies, private bodies for the development of institution.

Case Study: Implementation of Total Campus Solution (TCS)

In year of 2011-2012, an agreement was executed between IFW Techno Creations Private Limited and institution BRCMCET to implement 'Online TCS'.

The contents of different portals are given below:

- Student Management Portal
- Faculty Portal
- Examination Portal
- Administration Portal
- Admission Portal

Orientation programs were organized at regular intervals to the students; teaching and non-teaching staff to give hands on experience in Online TCS. The MIS has been successfully installed and maintained.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	**Nil**
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

1. The college has a clearly defined organizational hierarchy and structure to support decision-making processes that are clear and consistent with its purposes and supports effective decision making. The organizational structure lends itself to sustaining institutional capacity and educational effectiveness through the involvement of external members in various Committees/ Boards.

2. The Principal, and HODs with the help of faculty members, reviews the progress achieved and problems faced by various committees. The management has always welcomed the views and suggestions expressed by the faculties in taking institution ahead. The presence of the faculty can be found in all the following committees.

1. Board of Governor
2. IQAC
3. Department Advisory Committee (Department wise)
4. Student Council
5. Women Empowerment & Anti-Sexual Harassment Cell
6. Anti-Ragging committee
7. NSS
8. Alumni Committee
9. SC/ST/OBC Committee
10. Minority Cell
11. Hostel Committee
12. Canteen Committee & Transport Committee
13. Sports & Cultural Committee

14. Discipline Committee

3. The institution has a number of students and faculty committees for decentralized management activities/ affairs for better functioning and effective learning of the students.

4. Service Rules, Promotion Policies, Employee Satisfaction, Welfare Schemes, and Grievance Redressal Mechanism are in place. Achievements of faculty and staff are recognized with financial and non-financial incentives.

5. The Grievances of the faculty and staff are redressed timely to keep their motivation all time for their performance efficiency and satisfaction.

File Description	Documents
Paste link for additional information	https://www.brcmcet.edu.in/rulesregulations323.html
Link to Organogram of the institution webpage	**Nil**
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution is having many welfare measures for all the teaching & non-teaching staff as they are the backbone of the institution. Few of the welfare measures are listed below:

- Subsidized accommodation (staff quarters) inside the campus.
- Subsidized bus facilities for the staff members from Bhiwani, Hisar and nearby of Bahal.
- Provident fund facility is provided to eligible faculty members of the institution.
- Insurance for teaching and non-teaching staff.
- Resident Nursing Facility for faculties inside the campus.
- Financial assistance to meet emergency medical expenses of staff & family members.
- All kind of leaves for teaching and non-teaching staff as per centre/state government guidelines.
- The short term advance loan facility.
- Sponsorship and Leave for higher studies and attending conferences, development programs, seminars to the staff members.
- Loan facility provided to teaching and non-teaching staff through Bank.

Some other facilities are also available like

- Gym facility inside the campus.
- Yoga facility (regularly yoga meet for staff to reduce the stress).
- ATM facility in the campus,
- Swimming pool, football ground. Basket ball ground, running track, and badminton court for staff.

Apart from all the above things many other welfare measures also taken by the management. Faculties are getting the TSL (Training and Study Leave) for their carrier advancement like the research program. Staff is provided with the study leave while doing their Post-Graduation. Grievance Redressed cell is there for solving all the faculty concerns.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

12

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

41

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A well-defined system for faculty appraisal is followed in the institute. This may be a valuable process for both the institute and the faculty, as it enhances communication

channels and thereby establishing a constructive dialogue between the appraisers and the appraised.

The faculty members are expected to:

1. Provide periodical reports that correspond to their teaching and learning activities and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.

2. Participate in scholarly and research activities which enhance their professional development.

3. Afford professional services to the university and community.

Implementation and Effectiveness of Faculty Appraisal System

- The performance appraisal is conducted at the end of every academic year. An effectively designed Performance Appraisal Form is provided to every faculty member for self-evaluation. The weightage of the parameters in the Self Appraisal Form vary for Professors, Associate and Assistant Professors.
- Individual faculty's contribution to institutional performance and their administrative responsibilities will be filled by the faculty in their self-appraisal form. The assessment is done based on the self-appraisal evaluation form.
- The individual faculty member will then be asked to give a presentation in front of a committee which constitutes of Management, Principal, the respective HOD and an external subject expert. The presentation comprises of their academic performance, knowledge upgradation, notable contributions to the department and the institute and comparative statement of the past and present commitments.
- Suggestions and feedback will be given to improve their contribution in the subsequent year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Yes, the college conducts annual financial audit regularly. The procedure of the audit is as follows: -

Internal audit system: - All the documents which are related to financial transaction are checked and verified by the authorities (college principal / finance officer).

External audit system: - The external financial audit is performed regularly by the registered CA.

The college has a mechanism for internal and external financial audits. Monitoring financial management practices is a significant process in the internal audit. An internal audit is carried out by the Finance Committee. Budget and statement of expenses are reviewed every quarter by the Finance Committee. The accounts of college are audited each year by the External Qualified Chartered Accountant appointed by the BRCM Educational Society. The Audited Report by the External CA is placed before the governing body for wetting and rectification if any. The qualified remarks given by the auditors are taken into consideration in the forthcoming years.

Budget provisions are formally identified and approved yearly. The expenditures are made in the most economical and transparent manner in conformity with the procedures prescribed in the rules. All the documents which are related to financial transaction are checked and verified by the authorities (college principal / finance officer). The income and expenditure of the University are subjected to the regular audit.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals,

philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

102.61

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

At the beginning of every financial year, the Governing Body and the Financial committee prepare the Financial year budget.The college budget includes all there curringandnon-recurring expenses,which include planned and unplanned expenses.

The planned utilization of fund is as given below:

- Approval and affiliation fee
- Creation and maintenance of academic infrastructure
- Purchasing of equipment's and software
- Research and development
- Admission Promotion

The Institute has a well-defined financial policy to ensure effective and optimal utilization of funds for academic, administrative, and infrastructure development purposes, which ultimately realizes its vision and mission.

For every academic year, the budget is prepared well in advance after considering the requirement of every Department. Each Department prepares its budget based on the requirements such as equipment, software, computers, printers, etc. for student and faculty activities, research and development in the departments, and consumables required

for the next academic session. The principalput up the budget in front of BOG, and after discussion and necessary corrections ormodifications, the Governing Body recommends the budget for approval.

Periodically, the Governing Body monitors the annual expenditure, scrutinizes the budget, and provides feedback about the efficient use of financial resources. The Institute has a standardized procedure for sanctioning funds for various activities and settlement of advance and passing of bills for payment.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

The Internal Quality Assurance Cell (IQAC) is established in the institution to maintain and enhance quality of education. The prime task of IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. The work of IQAC is the step towards the internalization and institutionalization of quality enhancement. To ensure efficient functioning of IQAC, coordinator of the cell interacts with various functionaries for effective implementation of IQAC and apprises chairperson of IQAC from time to time for the progress. The cell having meeting at least once in a year and record its deliberation and suggest improvements required if any in academic / administrative functions. The institute has well defined policy for the quality assurances which is ensured by the effective participation from all the stakeholders. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted.

Quality Policy:

We aspire for global recognition through systematic and meticulous transformation of our students into highly

motivated graduates enriched with professional competence, managerial skills, built in dynamism and humanism.

Quality Objectives are as under:

- Develop quality consciousness among everyone in the institution including students.
- Promote, foster and sustain an environment to achieve academic excellence.
- Maintain a good cooperative and beneficial relationship among all the stakeholders of the institution.

IQAC having meeting periodically and record its deliberation and suggest improvements required if any in academic / administrative functions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	[View File](#)

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 and recorded the incremental improvement in various activities

The college reviews its teaching-learning process at periodic intervals through IQAC set up. After revising the teaching-learning process, the IQAC team made some suggestions. One suggestion was that teachers make study material available to students in both online and offline modes. A feedback system has also been adopted to evaluate teaching and learning processes.

1. Easy availability of study materials

Textbooks were provided for all courses for all students from the College book bank. Apart from this,comprehensive study material was also arranged by the faculty for all the courses and given to all the students.

2. Enhancing the teaching-learning process by using a feedback system

The departments of college have a formal mechanism to obtain

feedback from stakeholders to improve the quality of the teaching-learning process. Feedback is taken from students and their parents by distributing predefined proformas.

3. Pre-placement technical training and company-specific training A special placement training is planned for the students from the first year to the final year and is executed by a separate training cell.IQAC has played a key role in providing input to the training cell.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the

year

The institute initiates various steps for the gender equity:

1. Safety & Security: The college campus is much concerned about safety & security of the students especially for the girls students. CCTV cameras are installed throughout the campus. The security staff is being deputed at the gate. Every student, staff members as well as the visitors are thoroughly checked and their entry is being registered at the gate. The discipline committee members as well as the security guard keeps on monitoring the college. The college building is surrounded by boundary wall. We have also provided the Bus facility to the students; mostly girl students are taking benefit of this facility. The girl students who want to go outside (during the college hours) are duly verified in consultation with their parents/Guardian.

2. Counseling: Women cell of the college looks after each & every concern of the girls student. The cell organized counseling sessions, different awareness programs, medical camps as well as other activities for the upliftment & empowerment of the girls. The college also motivates the girls students by organizing self defence training & lectures in collaboration with Police department. We have also Anti-Sexual harassment cell in our college.

3. Girls Common Room: Separate well equipped Girls common room is provided.

4. Awareness programs like "Beti Bachao-Beti Padhao" organized by NSS team of college on regular intervals.

These facts clearly indicate that the college has a very healthy atmosphere, concerned about gender sensitive issues and promoting actively gender-equity values.

File Description	Documents
Annual gender sensitization action plan	**Nil**
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	**Nil**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

At BRCM College of Engineering & Technology, activities pertaining to keep the environment green and pollution free are encouraged and best efforts to manage waste from its origin to its final disposal is done. This includes the collection, transport, treatment and disposal of waste. It is worth mentioning that it is mandatory for students of all branches to undergo a course named Environmental Science through which awareness about the environment and related issues with solution strategies is imparted. Many awareness environment awareness programs are also organized.

Waste Management is classified into six broad categories. They are:

Solid Waste Management

- **Separate Dustbins for recyclable and non-recyclable wastes are available in common places.**
- **Paperless communication (e-mail / WhatsApp communication) is a regular practice.**
- **The single side papers are re-used for writing and printing circulars in all departments.**

Liquid Waste Management

- **Sewage Treatment Plant (STP) is installed and the treated water from STP is used for several purposes like watering to plants and trees, cleaning and etc.**
- **Rain Water Harvesting system is in place..**

Biomedical Waste Management

No Biomedical waste is generated in campus.

E-Waste Management

- **Used batteries and electronics wastes are disposed of through outside agencies.**

Waste Re-cycling System

- **Liquid waste is processed in Sewage Treatment Plant and the treated water is reused for gardening and toilet flush tanks.**
- **Biodegradable waste is processed for composting and the compost produced is used for gardening.**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the	**A. Any 4 or all of the above**

campus

File Description	Documents
Geo tagged photographs / videos of the facilities	**No File Uploaded**
Any other relevant information	*View File*

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	*View File*
Various policy documents / decisions circulated for implementation	*View File*
Any other relevant documents	*View File*

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**C. Any 2 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute is located at Bahal on the outskirts of Bhiwani

which spreads over 130 acres of lush green campus enveloped with serene beauty and environment. Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other.

Tolerance and Harmony to cultural, regional, linguistic, communal socioeconomic and other diversities is best achieved by the major events like Holy, Tech Fest, Diwali and Cultural Fest at Institute levels. Students have formed various clubs at the campus levels which also support and propagate the idea of diverse cultures. Tech Fest and Cultural Fest are annual events where the Institute invites popular music singers with their teams to enthrall the students with rich cultural songs.

International Yoga day is being celebrated every year. International commemorative days like World Environment Day, international artist day and world poet day are conducted and marked by appropriate competitions. The students cultural programs has always themed of communal and inter-religious harmony.

There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone's racial or cultural background.

Social connect with rural people residing in and around the institute is also encouraged respecting the cultural, communal, socioeconomic and linguistic values of locals.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Sensitization of students and employees of any Institution to the constitutional obligations is significant and makes them realize their prime responsibilities. Therefore the college needs to make a basic sense of social responsibility and sensitize students to social cause and issues so that they may become efficient in the class and society. Our college also encourages group volunteerism through seminars aiming at developing students personality and undertaken various activities from time to time to spread social awareness about issues like Communal harmony, blood donation, plantation camp, Beti Bachao Abhiyaan, Gandhi and Shastri Jayanti Celebration, drug abuse, health and hygiene, disaster management etc.

Republic day always celebrated annually remember the father of the Indian Constitution and to awaken constitutional values, rights, duties and responsibilities among students and staffs towards the nation.

Our college has a tradition where Hon'ble Principal directly interacts with the students on the first working day every year, wherein the students are made aware of their fundamental duties and responsibilities as a citizen as well as of being a student of the college. The college is a unique integration of quality education and over all development of students that empower them to become confident, competent and responsible global citizens who value education as a lifelong process.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.brcmcet.edu.in/student-activities.html
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional	A. All of the above

ethics programmes for students, teachers, administrators and other staff **4. Annual awareness programmes on Code of Conduct are organized**	

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

BRCM CET organizes national festivals, birth and death anniversaries of great Indian personalities to promote national unity, integrity and patriotism among the young minds. Thoughts of great Indian personalities sowed into the minds of students through the programs conducted on these days. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular. Keeping in view of this, following programmes are conducted for the holistic development of Students:-

- **26th January Republic Day**
- **Holi**
- **15th August Independence Day**
- **5th September Teachers' Day**
- **15th September Engineers' day**
- **23 September Shaheedi Diwas**
- **Diwali**

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	**No File Uploaded**
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 1:

TITLE: OVERALL GROOMING OF STUDENTS

The students are involved in various extracurricular activities beyond their academic curriculum from time to time. This helps to remove the stage fear among the students and also to build their self confidence and enhance their personality skills.

Some of the events organized in the session 2021-22 are:

1. **Motivational Lectures**
2. **Group Discussion**
3. **Poster Making Competition**
4. **Visit to nearby areas**
5. **Sport Events**
6. **Yoga Sessions**

BEST PRACTICE 2:

TITLE: Community Approach & Social Work

BRCMCET organized several events for the welfare of the society. Some of such activities are:

1. **Free classes for nearby schools**
2. **Career Guidance in nearby schools**
3. **Celebration of various festivals**

File Description	Documents
Best practices in the Institutional website	https://www.brcmcet.edu.in/student-activities.html
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

BRCM is a pioneering Institution that believes in imparting quality education and makes the students globally competent. It is because of the assumption that the students who excel in academic endeavours become competent professionals contributing to the advancement of their respective industries and of the societies they belong. We are efficiently moving towards our vision to be an outstanding Institution through academic excellence. BRCM exerts all efforts to instill academic integrity, ethical and moral values in the students. In pursuit of achieving our goals we disseminate knowledge through participative learning, experimental learning and problem solving approach. BRCM has the highest no. of University Toppers & Merit Rankers among all colleges under M.D. University, Rohtak . The Institute regularly organizes Seminar, Workshops, Add-on Programs, Expert Lectures, Technical Events and Industrial Visits etc. Various extension activities are also organized for the overall development of the students. The Institute motivates the students to excel in academic endeavour by providing them various scholarships and awards.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

For the academic year 2022-2023, we have the following plans to raise the standard of education:

1. NBA Accreditation of UG Program
2. To plan National conferences, seminars, workshops, FDPs, STTPs, and other events in a variety of fields in order to advance the knowledge of our teachers and students.
3. To plan state-level competitive events, games, sports, and cultural activities.