YEARLY STATUS REPORT - 2020-2021

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   5

- 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)

IQAC was instrumental for NAAC- SSR submission in November 2020. With a lot of effort, the DVV process could be completed in January 2021. Peer Team visited the campus in April 2021 and the Institute got accredited.

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.

Placement Cell has organised workshops related to Entrepreneurship activities, career Awareness programmes.

Students are motivated to participate in Smart India Hakathtan competitions, etc.

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
Conduct of online activities for students on important days such as Independence day, Teachers' Day, Unity day, Constitution Day, etc.	Done
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
To get accreditation of all branches	Based on Outcome Based Education (OBE) SAR preparation for all branches is initiated
To Increase the number of video lectures prepared by faculty members based on the curriculum and enrichment through NPTEL/SWAYAM Prabha	Video recordings by faculty members uploaded on institute website
Addition of books including reference books	Procured

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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• Alternate Email address	**hodme@brcm.edu.in**
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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
2020-21	28/02/2022

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

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 | **506** |

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	**168**

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	No File Uploaded

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)	**5.08**
4.3 Total number of computers on campus for academic purposes	**280**

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.

For effective delivery of the curriculum, the following process is developed and deployed.

- A well-structured academic calendar which is in-line with the academic calendar of MDU University is prepared by the Head of the departments with the due approval of the head of the institution. An action plan for conducting co-curricular, extra-curricular activities is also included in the detailed academic calendar.
- The Head of the Department allocates the courses to the faculty members as per their expertise and option. Class wise and Course wise time tables is prepared for effective planning and delivery of courses.
- Each faculty prepares course outcome, a micro level course plan, notes and course handout, for executing day to day academic activities. A clear plan to fill up the Curricular Gaps either by teaching content beyond the syllabus, invited lectures, workshops or add-on programs are included in the course plan.
- The Head of the Department monitors the academic activities on a regular basis .The IQAC performs academic audit time to time during the semester to ensure the effective delivery of the curriculum.

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, the duration of the semester, date of internal

assessment tests, 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 as per the schedule and pattern of MDU norms where the average is taken of both. 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

8

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

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

Response:

- **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	View File
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

120

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   **A. All of the above**

from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://www.brcmcet.edu.in/downloads/files/n629489eb1d649.pdf
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

141

File Description	Documents
Any additional information	No File Uploaded
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

53

File Description	Documents
Any additional information	**No File Uploaded**
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

Before starting of the classes the differential needs of the students are identified and addressed at the earliest by way of premeditated strategy. Also, the 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-

- 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:

- 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
- 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	**Nil**
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
506	**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 such as NPTEL videos, e-books, PPTs, etc which helps to easily transform conventional teaching process to student-centric process.

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, 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	View File
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

6

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

5.4

File Description	Documents
Any additional information	**No File Uploaded**
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.

Response:

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	**Nil**

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

The institution maintains high transparency and robustness in conducting internal and external assessment exams. Examinations are conducted in two ways namely, internal and external examinations.

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.**
- **In general, the issues related to internal exams are resolved by the respective faculty.**

- **Even if the issue is resolved, the student can approach to the Dean/Principal.**

The mechanism to resolve external examination grievances is as follows:

- **Any grievances related to university question paper like out of syllabus, repeated questions, improper split of marks, marks missed, wrong question number during semester exams are addressed to the principal, after making an analysis of day by day university question papers by the subject handling faculties with Department Head in turn he proceeds the same to the university immediately..**
- **In order to maintain transparency, students can apply for photo copy of their answer script and they may decide on re-valuation/re-totaling.**
- **Consulting with the subject handling faculty and Department HOD challenge revaluation can also be applied by the students.**

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.

Response:

- **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	Nil
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	Nil

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

149

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	No File Uploaded
Paste link for the annual report	Nil

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/downloads/files/n629489eb1d649.pdf

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	**No File Uploaded**
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)	**No File Uploaded**

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

2

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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)	**No File Uploaded**
Any additional information	**No File Uploaded**
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

Response:

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 college has a Research and Development Cell to motivate the faculty and students for doing new research and it also helps to create research culture among faculty members and students. 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 members are also provided with the duty leave for attending FDPs, Conferences etc.

Entrepreneur Development Cell (EDC) of the college initiated various activities for the career enhancement of students at different medium like self employment, startup initiatives, collaboration with industries and research institutes. EDC cell organized various Entrepreneurship Awareness Camps.

The institute also having active Industry Institute Partnership which helps to reduce the gap between industry and academics by organizing various events like skill development programs, Industrial visit, expert lectures by industry personnel.

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

19

File Description	Documents
Report of the event	**No File Uploaded**
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

41

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

7

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 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	**Nil**
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

2

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	No File Uploaded

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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
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

580

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

38

File Description	Documents
e-copies of related Document	View File
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

6

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 the curriculum 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)

5.08

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
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)

Response:

Yes, BRCM-CET Library is automated using Integrated Library Management System. The modern computerized library having seating capacity of 150 readers. 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 38,600 volumes and 5100 titles 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 E-resources. 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	Nil

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

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)

`1.34`

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
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

`65`

File Description	Documents
Any additional information	No File Uploaded
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

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. 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). There are total of 190 desktops in which 100 desktops are provided to the entire departmental lab with configurations of core i3 3rd Generation and Core 2 Duo processor, 4GB RAM and 500 GB Hard Disk with LAN connectivity. 90 desktops with configurations of Core i3 processor, 4GB RAM, 500 GB Hard Disk, and Dual Core processor, 2GB RAM, 250 GB Hard Disk. There are total 679 genuine licenses software. 8 LaserJet printers, 4 Xerox machine, and five scanners across the campus for academic and administrative purposes.The educational enterprise resource planning (ERP) software called IFW Campus. In this ERP, there are 20+ pro modules.

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

4.3.2 - Number of Computers

280

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	View File

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)

5.08

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	No File Uploaded
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.

The institution has always been placing the students at the Centre of teaching-learning process. The vision and mission of the institution are to provide holistic knowledge to students.

All laboratories are properly used by students as per their requirements during the college hours and can also be availed even aftercollege hours. Proper inspection is done and verification of stock takes place at the end of every year.

System Administrator resolve the issues related to IT facilities such as, hardware troubleshooting, software installation & updating, maintaining biometric devices, ICT facilities, printers, anti-virus installation, website maintenance, and other network-related issues.

Librarian collects the requirement for a list of books, journals

and other resources from all HODs. Students are motivated to get membership in different Journals. Entry register for students and staff is maintained to ensure effective utilization of library resources. Sports In-charge maintains sports facilities available in the institution. Stock Register and Issue Register are maintained to ensure the proper handling of the sports equipment. 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 equipment at regular intervals.

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

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

57

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

318

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

110

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

110

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

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

62

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

20

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

10

File Description	Documents
Upload supporting data for the same	View File
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	[View File]
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)

Response:

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

12

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 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 amongs the 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	No File Uploaded

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

File Description	Documents
Upload any additional information	No File Uploaded

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 become an institute of academic excellence with international standards.

MISSION:

The vision will be realized by:-

1. Impart quality education along with industrial exposure.

2. Provide world class facilities to undertake research activities relevant to industrial & professional needs.

3. Promote entrepreneurship & value-added education that is socially relevant with economic benefits.

Nature of Governance: 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 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 Institute has a perspective plan for development. The main objectives behind perspective plan are as follows:-

- **Streamline various processes like evaluating methodologies of the teaching-Learning process, research progress, infrastructure facilities etc.**
- **Improve Research Competency and to get grants from various government and non-government organization like DST, UGC, AICTE etc.**

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 institution practices 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

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

Response:

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.

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: Student attendance, Internal

Marks and verification, Time Table.
- Faculty Portal: Faculty profile, work allotment, individual time table, teacher performance record
- Examination Portal: Examination schedule, Seat allotment list, Examination attendance entry, etc.

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.

Response:

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.

2. The Principal, and HODs with the help of faculty members, reviews the progress achieved and problems faced by various committees.

3. External members are part of Board of Governor for enhancing the broader base and bringing transparency and fairness in the system.

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

5. Recruitment policy is transparent. An advertisement is given in the newspapers and the shortlisted candidates are called for interview. The interview committee consisting of the Management representative, Principal, respective HOD and subject experts interview the candidates. Candidates are then selected on Merit basis.

6. 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.

7. 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	**Nil**
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.**

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

0

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)	**No File Uploaded**

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

8

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

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

48

File Description	Documents
IQAC report summary	View File
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.

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.

- **This Performance Appraisal System has revealed an opportunity for every faculty member to know their strengths and weaknesses.**

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.

Audit for year 2020-21 was conducted by the registered auditors in November, 2021.

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.

In the same manner, an external audit is also carried out in an elaborate way by Principal Auditor General, Govt. of Haryana.

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).

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)

4.1

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
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 the recurring and non-recurringexpenses,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**
- **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.

The Principal and the Head of Departments discuss the requirement and decide the priorities while allotting financial resources for various purposes and ensuring optimum use of available financial resources.

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

Response:

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 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.

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. The IQAC team proposed to include technical training in the pre-final year prior to placement. 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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	View File
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

Response:

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 girl-students. CCTV cameras throughout the campus are checked for smooth functioning. The security staff is very active at the gate and in institute premises. Each and every visitor at Gate are

thoroughly checked and their entry is being registered at the gate. The discipline committee members as well as the security guard keep on monitoring the students' activities in the premises. The college building is surrounded by boundary wall.

2. Counseling: Women cell of the college looks after each & every concern of the girl-students. The cell organized counseling sessions, different awareness programs, medical camps as well as other activities for the upliftment & empowerment of the girls.

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

4. Equal opportunity is given to girls and boys to represent themselves in various academic and extra co-curricular activities..

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	https://www.brcmcet.edu.in/student-activities.html

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	No File Uploaded

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

Response:

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.

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.

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.
- Outdated computers with minimum configurations not suitable for the revised regulations of the University are given to the needy school students & staff for their usage or sold as scrap to authorized buyers.

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 campus   **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
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: **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

A. Any 4 or all 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	View File
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

A. Any 4 or all 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	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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).

Response:

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. Over 485 strength of students along with faculty members come from various cultural backgrounds, who carry forward their rich cultural diversities.

Vijayadashami is a major Indian festival celebrated on the tenth day of Ashvin month according to the Hindu calendar. This day falls in the month of September or October. The day culminates a 9-day fasting period of Navratri in the Hindu culture. It also coincides with immersion of the idol of Goddess Durga. The day is celebrated to commemorate the killing of Ravana by Lord Rama.

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.

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)	**No File Uploaded**
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. The college provides a positive environment to the students to understand issues concerning the society with the result the students feel productive and confident when they walk into work each day. 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.

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	https://www.brcmcet.edu.in/

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	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Response:

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)	**No File Uploaded**
Geo tagged photographs of some of the events	View File
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 2020-21 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

Holistic development of students and teachers is what we believe in work for. We strive to achieve this through following thrust areas.

1. Unique Value System: 2. Transparent Work Culture: 3. Excellent Academic Environment: 4. Enhancing creativity through co-curricular and extra-curricular activities: 5. Conducive Physical Facilities:

The institute would like to highlight enhancing creativity through co-curricular and extra-curricular activities as one area distinctive to its priority and thrust. The vision and mission statement defines the institute's distinctive features in addressing the interests of the stakeholders involved. In adherence to the vision and mission, various activities entrust our students with the required skills to command in a dynamic and challenging global environment. BRCM organises various technical, co- curricular, social and cultural activities on campus. Students of BRCM CET are encouraged to participate and organise such activities to inculcate leadership quality, equalness amongst each other, constitutional obligations, values, rights, duties and responsibilities of citizens. Efforts are taken to promote gender equity, importance of alternate sources of energy and energy conservation measures, to provide an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities.

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.

For effective delivery of the curriculum, the following process is developed and deployed.

- A well-structured academic calendar which is in-line with the academic calendar of MDU University is prepared by the Head of the departments with the due approval of the head of the institution. An action plan for conducting co-curricular, extra-curricular activities is also included in the detailed academic calendar.
- The Head of the Department allocates the courses to the faculty members as per their expertise and option. Class wise and Course wise time tables is prepared for effective planning and delivery of courses.
- Each faculty prepares course outcome, a micro level course plan, notes and course handout, for executing day to day academic activities. A clear plan to fill up the Curricular Gaps either by teaching content beyond the syllabus, invited lectures, workshops or add-on programs are included in the course plan.
- The Head of the Department monitors the academic activities on a regular basis .The IQAC performs academic audit time to time during the semester to ensure the effective delivery of the curriculum.

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, the duration of the semester, date of internal assessment tests, 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 as per the schedule and pattern of MDU norms where the average is taken of both. 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

8

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
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	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

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

Response:

- **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	View File
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

120

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	**A. All of the above**

institution from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://www.brcmcet.edu.in/downloads/files/n629489eb1d649.pdf
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

141

File Description	Documents
Any additional information	**No File Uploaded**
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

53

File Description	Documents
Any additional information	**No File Uploaded**
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

Before starting of the classes the differential needs of the students are identified and addressed at the earliest by way of premeditated strategy. Also, the 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-

- **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:

- **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**
- **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	**Nil**
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
506	**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 such as NPTEL videos, e-books, PPTs, etc which helps to easily transform conventional teaching process to student-centric process.

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, 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	View File
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

6

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

5.4

File Description	Documents
Any additional information	**No File Uploaded**
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.

Response:

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	**Nil**

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

The institution maintains high transparency and robustness in conducting internal and external assessment exams. Examinations are conducted in two ways namely, internal and external examinations.

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.**
- **In general, the issues related to internal exams are resolved by the respective faculty.**

- **Even if the issue is resolved, the student can approach to the Dean/Principal.**

The mechanism to resolve external examination grievances is as follows:

- **Any grievances related to university question paper like out of syllabus, repeated questions, improper split of marks, marks missed, wrong question number during semester exams are addressed to the principal, after making an analysis of day by day university question papers by the subject handling faculties with Department Head in turn he proceeds the same to the university immediately..**
- **In order to maintain transparency, students can apply for photo copy of their answer script and they may decide on re-valuation/re-totaling.**
- **Consulting with the subject handling faculty and Department HOD challenge revaluation can also be applied by the students.**

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.

Response:

- **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	Nil
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	**Nil**

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

149

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	**No File Uploaded**
Paste link for the annual report	**Nil**

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/downloads/files/n629489eb1d649.pdf

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	**No File Uploaded**
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)	**No File Uploaded**

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

2

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)	**No File Uploaded**
Any additional information	**No File Uploaded**
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

Response:

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 college has a Research and Development Cell to motivate the faculty and students for doing new research and it also helps to create research culture among faculty members and students. 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 members are also provided with the duty leave for attending FDPs, Conferences etc.

Entrepreneur Development Cell (EDC) of the college initiated various activities for the career enhancement of students at different medium like self employment, startup initiatives, collaboration with industries and research institutes. EDC cell organized various Entrepreneurship Awareness Camps.

The institute also having active Industry Institute Partnership which helps to reduce the gap between industry and academics by organizing various events like skill development programs, Industrial visit, expert lectures by industry personnel.

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

19

File Description	Documents
Report of the event	**No File Uploaded**
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

41

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

7

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 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	**Nil**
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

2

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	No File Uploaded

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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
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

580

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
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

38

File Description	Documents
e-copies of related Document	View File
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

6

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 the

curriculum 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)

5.08

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
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)

Response:

Yes, BRCM-CET Library is automated using Integrated Library Management System. The modern computerized library having seating capacity of 150 readers. 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 38,600 volumes and 5100 titles 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 E-resources. 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	Nil

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)

1.34

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
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

65

File Description	Documents
Any additional information	**No File Uploaded**
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

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. 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). There are total of 190 desktops in which 100 desktops are provided to the entire departmental lab with configurations of core i3 3rd Generation and Core 2 Duo processor, 4GB RAM and 500 GB Hard Disk with LAN connectivity. 90 desktops with configurations of Core i3 processor, 4GB RAM, 500 GB Hard Disk, and Dual Core processor, 2GB RAM, 250 GB Hard Disk. There are total 679 genuine licenses software. 8 LaserJet printers, 4 Xerox machine, and five scanners across the campus for academic and administrative purposes.The educational enterprise resource planning (ERP) software called IFW Campus. In this ERP, there are 20+ pro modules.

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

4.3.2 - Number of Computers

280

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	View File

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)

5.08

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	No File Uploaded
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.

The institution has always been placing the students at the Centre of teaching-learning process. The vision and mission of the institution are to provide holistic knowledge to students.

All laboratories are properly used by students as per their requirements during the college hours and can also be availed even aftercollege hours. Proper inspection is done and verification of stock takes place at the end of every year.

System Administrator resolve the issues related to IT facilities such as, hardware troubleshooting, software installation & updating, maintaining biometric devices, ICT

facilities, printers, anti-virus installation, website maintenance, and other network-related issues.

Librarian collects the requirement for a list of books, journals and other resources from all HODs. Students are motivated to get membership in different Journals. Entry register for students and staff is maintained to ensure effective utilization of library resources. Sports In-charge maintains sports facilities available in the institution. Stock Register and Issue Register are maintained to ensure the proper handling of the sports equipment. 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 equipment at regular intervals.

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

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

57

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

318

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

110

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

110

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	[View File](#)
Details of student grievances including sexual harassment and ragging cases	[View File](#)

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

62

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

20

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

10

File Description	Documents
Upload supporting data for the same	View File
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	View File
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)

Response:

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

12

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 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 amongs the 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	No File Uploaded

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

File Description	Documents
Upload any additional information	No File Uploaded

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 become an institute of academic excellence with international standards.

MISSION:

The vision will be realized by:-

1. Impart quality education along with industrial exposure.

2. Provide world class facilities to undertake research activities relevant to industrial & professional needs.

3. Promote entrepreneurship & value-added education that is socially relevant with economic benefits.

Nature of Governance: 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 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 Institute has a perspective plan for development. The main objectives behind perspective plan are as follows:-

- Streamline various processes like evaluating methodologies of the teaching-Learning process, research progress, infrastructure facilities etc.
- Improve Research Competency and to get grants from various government and non-government organization like DST, UGC, AICTE etc.

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 institution practices 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

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

Response:

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.

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:** Student attendance, Internal Marks and verification, Time Table.
- **Faculty Portal:** Faculty profile, work allotment, individual time table, teacher performance record
- **Examination Portal:** Examination schedule, Seat allotment list, Examination attendance entry, etc.

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.

Response:

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.

2. The Principal, and HODs with the help of faculty members, reviews the progress achieved and problems faced by various committees.

3. External members are part of Board of Governor for enhancing the broader base and bringing transparency and fairness in the system.

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

5. Recruitment policy is transparent. An advertisement is given in the newspapers and the shortlisted candidates are called for interview. The interview committee consisting of the Management representative, Principal, respective HOD and subject experts interview the candidates. Candidates are then selected on Merit basis.

6. 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.

7. 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	Nil
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.**

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

0

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)	**No File Uploaded**

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

8

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
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

48

File Description	Documents
IQAC report summary	View File
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.

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.
- This Performance Appraisal System has revealed an opportunity for every faculty member to know their strengths and weaknesses.

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.

Audit for year 2020-21 was conducted by the registered auditors in November, 2021.

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.

In the same manner, an external audit is also carried out in an elaborate way by Principal Auditor General, Govt. of Haryana.

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).

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)

4.1

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
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 the recurring and non-recurringexpenses,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**
- **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.

The Principal and the Head of Departments discuss the requirement and decide the priorities while allotting financial resources for various purposes and ensuring optimum use of available financial resources.

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

Response:

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 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.

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. The IQAC team proposed to include technical training in the pre-final year prior to placement. 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)	**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

Response:

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 girl-students. CCTV cameras throughout the campus are checked for smooth functioning. The security staff is very active at the gate and in institute premises. Each and every visitor at Gate are thoroughly checked and their entry is being registered at the gate. The discipline committee members as well as the security guard keep on monitoring the students' activities in the premises. The college building is surrounded by boundary wall.

2. Counseling: Women cell of the college looks after each &

every concern of the girl-students. The cell organized counseling sessions, different awareness programs, medical camps as well as other activities for the upliftment & empowerment of the girls.

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

4. Equal opportunity is given to girls and boys to represent themselves in various academic and extra co-curricular activities..

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	https://www.brcmcet.edu.in/student-activities.html

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	**No File Uploaded**

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

Response:

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.

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.

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.
- Outdated computers with minimum configurations not suitable for the revised regulations of the University are given to the needy school students & staff for their usage or sold as scrap to authorized buyers.

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 campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
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	A. Any 4 or all 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	View File
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	A. Any 4 or all 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	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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).

Response:

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. Over 485 strength of students along with faculty members come from various cultural backgrounds, who carry forward their rich cultural diversities.

Vijayadashami is a major Indian festival celebrated on the tenth day of Ashvin month according to the Hindu calendar. This day falls in the month of September or October. The day culminates a 9-day fasting period of Navratri in the Hindu culture. It also coincides with immersion of the idol of Goddess Durga. The day is celebrated to commemorate the killing of Ravana by Lord Rama.

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.

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)	**No File Uploaded**
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. The college provides a positive environment to the students to understand issues concerning the society with the result the students feel productive and confident when they walk into work each day. 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.

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	https://www.brcmcet.edu.in/

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	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Response:

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)	**No File Uploaded**
Geo tagged photographs of some of the events	View File
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 2020-21 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

Holistic development of students and teachers is what we believe in work for. We strive to achieve this through following thrust areas.

1. Unique Value System: 2. Transparent Work Culture: 3. Excellent Academic Environment: 4. Enhancing creativity through co-curricular and extra-curricular activities: 5. Conducive Physical Facilities:

The institute would like to highlight enhancing creativity through co-curricular and extra-curricular activities as one area distinctive to its priority and thrust. The vision and mission statement defines the institute's distinctive features in addressing the interests of the stakeholders involved. In adherence to the vision and mission, various activities entrust our students with the required skills to command in a dynamic and challenging global environment. BRCM organises various technical, co- curricular, social and cultural activities on campus. Students of BRCM CET are encouraged to participate and organise such activities to inculcate leadership quality, equalness amongst each other, constitutional obligations, values, rights, duties and responsibilities of citizens. Efforts are taken to promote gender equity, importance of alternate sources of energy and energy conservation measures, to provide an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year
NBA accreditation.   **NIRF Ranking.**   **Implementation of examination reform.**   **AICTE/ UGC SponseredSeminar and Workshop.**   **Implementation of 360 Degree Feedback**