



## YEARLY STATUS REPORT - 2020-2021

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Brindavan College of Engineering

- Name of the Head of the institution **Dr .BHAGAPPA**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **08028478388**
- Mobile no **9606487204**
- Registered e-mail **engineering@brindavancollege.com**
- Alternate e-mail **beprincipal@brindavancollege.com**
- Address **Dwarakanagar, Bagalur Main Road, Yelahanka**
- City/Town **Bangalore**
- State/UT **Karnataka**
- Pin Code **560063**

##### 2.Institutional status

- Affiliated /Constituent **Yes**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Visvesavaraya Technological University(VTU)**
- Name of the IQAC Coordinator **Dr. Brahmananda S B**
- Phone No. **08028478388**
- Alternate phone No. **9606487204**
- Mobile **8277124167**
- IQAC e-mail address **iqacbe@brindavancollege.com**
- Alternate Email address **hodcivil@brindavancollege.com**

**3.Website address (Web link of the AQAR (Previous Academic Year)**

<http://www.brindavancollege.com/IQAC/AQAR%2019-20.pdf>

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

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

<http://www.brindavancollege.com/IQAC/AcademicCalendar.pdf>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.02</b>	<b>2017</b>	<b>27/11/2017</b>	<b>26/11/2022</b>

**6.Date of Establishment of IQAC**

**24/10/2016**

**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
<b>Mechanical Engineering</b>	<b>SPP</b>	<b>KSCST</b>	<b>20/03/2021 to 20/09/2022</b>	<b>8000</b>
<b>ME/ ECE/ CSE/ CV</b>	<b>Innovative project of UG</b>	<b>VTU</b>	<b>20/03/2021 to 20/09/2022</b>	<b>35000</b>

**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** **03**

- 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)**

- \* Effective implementation of ICT facilities during the period of COVID19 days.
- \* Skill development programs such as online teaching for faculties, personality development for the instructors and job description for the non-teaching staff.
- \* Full pledge Digital platform was created in the institution for effective teaching learning process during the COVID-19 Pandemic period.
- \* Continues monitoring mechanism was developed for the effective quality of education.
- \* Online internal assessment mechanism was adopted for the effective evaluation of students during pandemic period.

**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
Adhering to online and hybrid teaching mode	Identified online mechanisms were developed and implemented for supporting teaching learning process. The complete system development is in process..
To promote Green campus initiative	Plantation of 10000 saplings in and around the Brindavan College of Engineering in association with BSF, Yelahanka, Bangalore.
Development of online evaluation and feedback system	The process is initiated and system development is in progress.
To promote research culture among the students and staff, encouraging interdisciplinary research themes	The trainings on proposal development were done to all the concerned, to start with few research proposals have been developed.

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Board of Governors	16/12/2020

14. Whether institutional data submitted to AISHE

**Part A****Data of the Institution**

<b>1.Name of the Institution</b>	<b>Brindavan College of Engineering</b>
• Name of the Head of the institution	<b>Dr .BHAGAPPA</b>
• Designation	<b>PRINCIPAL</b>
• Does the institution function from its own campus?	<b>Yes</b>
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• Name of the IQAC Coordinator	<b>Dr. Brahmananda S B</b>

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<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://www.brindavancollege.com/IOAC/AcademicCalendar.pdf">http://www.brindavancollege.com/IOAC/AcademicCalendar.pdf</a>				
<b>5.Accreditation Details</b>					
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<b>6.Date of Establishment of IQAC</b>			24/10/2016		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
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ME/ ECE/ CSE/ CV	Innovative project of UG	VTU	20/03/2021 to 20/09/2022	35000	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>03</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
* Effective implementation of ICT facilities during the period of COVID19 days.		
* Skill development programs such as online teaching for faculties, personality development for the instructors and job description for the non-teaching staff.		
* Full pledge Digital platform was created in the institution for effective teaching learning process during the COVID-19 Pandemic period.		
* Continues monitoring mechanism was developed for the effective quality of education.		
* Online internal assessment mechanism was adopted for the effective evaluation of students during pandemic period.		
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<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Board of Governors	16/12/2020
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2021	22/01/2022
<b>15. Multidisciplinary / interdisciplinary</b>	
<ul style="list-style-type: none"> <li>Adhering to the rules and regulations pertaining to interdisciplinary approach in line with the affiliating university- the scope of activities have been listed and work is in progress</li> <li>Delineate the Institutional approach in line with</li> </ul>	



affiliating university for humanities and science with STEM

- To promote research culture among the students and staff, encouraging interdisciplinary research themes. Imbibing research qualities among the staff in line with research promotion policy of BCE. Efforts have been initiated to address plagiarism issues and following ethical guidelines.
- Adhering to the rules and regulations pertaining to interdisciplinary approach in line with the affiliating university- the scope of activities have been listed and work is in progress

**16.Academic bank of credits (ABC):**

Not Applicable- We follow the rules and regulations of an Affiliated University

**17.Skill development:**

1. Describe the efforts made by the institution to strengthen the vocational education and soft skills of students in alignment with National Skills Qualifications Framework

Ans - In order to strengthen soft skill of the students, BCE has conducted online soft skill development programs, in collaboration with subject matter expert.

2. Provide the details of the programmes offered to promote vocational education and its integration into mainstream education.

Ans - Not Applicable

3. How the institution is providing Value-based education to inculcate positivity amongst the learner that include the development of humanistic, ethical, Constitutional, and universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills etc.

Ans - Refer Criteria VII

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

Not Applicable- We follow the rules and regulations of an Affiliated University

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

1. Describe the institutional initiatives to transform its curriculum towards Outcome based Education (OBE)?

Ans - BCE has initiated Course Outcomes (CO), Program Outcomes (PO) of the respective programs in line with affiliated university regulations.

1. Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.

Ans - The CO and PO mapping process is done and attainment matrix process is initiated.

1. Describe any good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020.

Ans - To enlighten the faculty on the Outcome Based Education (OBE), various sessions have been conducted by Dr. Rajachekar Patil from 05-05-2021, 07-05-2021 and 08-05-2021 on Pedagogy Skills.

**20.Distance education/online education:**

Not Applicable- We follow the rules and regulations of an Affiliated University

**Extended Profile****1.Programme**

1.1 389

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

File Description	Documents
Data Template	<a href="#">View File</a>

**2.Student**

2.1 1075

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2

172

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3

303

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1

93

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2

93

Number of sanctioned posts during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>389</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>1075</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>172</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>303</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>93</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	93
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	35
Total number of Classrooms and Seminar halls	
4.2	154.52
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	510
Total number of computers on campus for academic purposes	

## 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 the affiliated institute, the institute implements the curriculum prescribed by Visvesvaraya Technological University. As per the AICTE norms we are conducting the Student Induction program for the first-year students, which improve their self-confidence, and communication skills, familiarizes the outcome-based education in technical education.

At the outset, the Principal of the college conducts meetings with the various department heads to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative ICT teaching enabled methods such as online teaching mode (MS teams, Zoom etc.), online internal assessment mechanism, activities like quiz, assignments (online), discussions, workshops, seminars, and industrial visits besides the regular/traditional chalk and talk methods. Objective driven teaching plan was developed in accordance with university regulations. Faculty

members maintain course delivery plan (CDP) throughout the semester. The College encourages its faculty members to participate in Orientation/Refresher Courses/ Workshops/ Seminars/ Conferences organized by the University/Institutes to update their knowledge and improve their teaching practices. The college provides ample books and other teaching and reference materials like journals, magazines, teaching models, and software to enable its teachers to ensure the effective delivery of the curriculum. Encouraging innovations in teaching and learning, MOUs. The institution adheres mentor - mentee guidelines. Bridge courses are organized and conducted in benefit of the students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

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

**Response:**

Since Brindavan College of Engineering is affiliated with VTU, it follows the university's examination schedule. Before the start of the academic year, the institute creates the yearly academic calendar, which is subsequently sent to all departments. The academic calendar lists the institution's working days, holidays, continuous internal assessment test dates, class committee meeting dates, sports days, cultural days, and the institution's final day of classes.

**Academic calendar:** Before the commencement of every semester of the academic year, a well-planned academic calendar with all the essential instructions is prepared, circulated to all departments, and displayed on all notice boards for the benefit of the students. It also contains all the standards and assessment plans.

**Class Timetable:** In cooperation with the HODs, the timetable coordinator with each department prepares the schedule by the specifications of the University for the Required Credit. Every academic year, the timetable is made public and announced before the start of the semester. All faculty Adheres strictly to the

**class timetable**

**Continuous Internal Assessment:** The regular internal assessments are carried out to track the academic progress of the students as per VTU regulations. Every semester of the academic year features three internal assessment tests along with the scheme of evaluation. Faculty members employ a comprehensive internal performance evaluation method to identify slow and advanced learners and academic monitor council monitoring the all the activities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
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**

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

## 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)

10

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

237

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

As per the VTU curriculum of the second year for all the programs of Bachelor of Engineering, Constitution of India and Professional Ethics has been taught compulsorily.

Also as per VTU College Internal Complaints Committee (CICC), committees related to the Redressal Grievance Committee, Anti-



ragging Committee, and for the welfare of Scheduled Castes, Scheduled Tribe, and Other Backward Class students SC/ST/OBC Welfare Committee, Discipline Committee, these committee's functions for the assurance of gender equality in ethics, social, and societal values among the students.

Every student undergoes orientation during his/her beginning in first year. During this orientation, programs on Universal Human Values (UHV), ethics in the professional courses, gender equality, creativity, and Understanding Harmony have been conducted by the experts. The faculties were involved in all the programs actively to raise the quality of the sessions. The session on Active learning, National Social Service schemes, and the Youth Red Cross program are vital initiatives for gender equality.

For the benefit of the students, various departments of the school host lectures on human values with a focus on gender equality, women's empowerment, and skill development. For them, the N.S.S. cell arranges a special camp.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

167

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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	<a href="#">View File</a>

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

606

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

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

**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="http://www.brindavancollege.com/IQAC/Critical1.4Feedback.pdf">http://www.brindavancollege.com/IQAC/Critical1.4Feedback.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
URL for feedback report	<a href="http://www.brindavancollege.com/IQAC/Critical1.4Feedback.pdf">http://www.brindavancollege.com/IQAC/Critical1.4Feedback.pdf</a>

### 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

242

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 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

172

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

#### 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

The Institution identified the advanced learners and slow learners with the consideration of internal assessment tests,

classroom interaction, and lab experiment conduction.

The following measures are taken to enhance the progress of slow learners.

- During the pandemic situation, most of the students showed a lack of interest in online teaching and usage of online tools, hence virtual counseling sessions were conducted for slow learners to encourage and motivate them to adopt the new learning teaching method.
- The Mentoring system provides all kinds of support for slow learners. The regular assignments, conducting online quiz which will help the students to understand the subject in a better manner.

Catering to the need of Advanced Learners

- Students are guided to take up the activities such as MOOC courses, NPTEL Courses, and are encouraged to learn online tools.
- Encouraged the students to participate in national and international conferences, project exhibitions, and internships.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1075	93

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

The teaching-learning process is one of the major strengths of

our institution and the institute provides a platform for a student-centric learning approach in the diversity of curriculum for all development of students.

Experiential Learning methods followed in the institution

Encourage the students to conduct the lab experiments in the virtual and physical mode which will lead to exposure to learning various simulation tools. The add-on programs support the students to experience new learning which can further enhance their creativity and knowledge levels.

Participative Learning methods followed in the institution

The students participate in various activities like technical Seminars, group discussions, project presentations, annual cultural fest like ELCOTSAV, COLOSSUS, and national conferences organized in the institution to give the platform to expose them to acquire new skills.

Problem-solving methods followed in the institution

The research culture is adopted in the institution through mini-projects and main projects for both UG and PG programs. A literature survey is carried out by students which leads to problem formulation, analysis, and methodology to implement the project.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

In addition to chalk and board teaching, the teachers in the institution use ICT tools for pedagogical purposes.

Teachers are using various ICT facilities such as LCD projectors, Google classroom for sharing notes, collecting the assignments and IA answer scripts, zoom and Google meet is used

for online teaching, Google forms used to conduct the quiz, and PowerPoint presentations for regular classroom instructions and email, social media apps are used to deliver the material and communicate with the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

93

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

93

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 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**

18

File Description	Documents
Any additional information	No File Uploaded
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)	<a href="#">View File</a>

**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**

93

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

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

The institute is affiliated with Visvesvaraya Technological University (VTU) and norms and regulations related to the evaluation process are conveyed to students at the beginning of the first year. The institute prepares a calendar of events which includes the internal assessment test schedule and approved by the principal and shared with the students at the beginning of the semester.

The evaluation of theory internal assessment test is evaluated based on a scheme and solution prepared by the teacher and students can be verifying their marks at the end of the assessment.

**Continues Internal Evaluation (CIE)**

Internal assessment Tests are written in Blue Books given by the college

The CIE for theory subjects was evaluated based on 3 internal assessment tests and assignments, quizzes, seminars, and activities.

The CIE for practical subjects is evaluated based on the conduction of the experiment, record book, and viva voce.

The CIE for Projects works, seminars, and Internships is evaluated based on the presentation, report, and question and answer session.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The related grievances are redressed by the respective teacher or Head of the Department or Principal.

Type of grievances such as change of test dates need an additional test, change of lab batch, and the university has its system for redress of grievances.

**Institute-level grievance redressal**

If any discrepancies are found in the question paper, mark allocation in the evaluated answer sheet, and any corrections or clarifications noticed by the students, the concerned teacher will solve and necessary corrections will be made. The subject teacher discusses the scheme of evaluation with the students which will them to solve their queries. If the grievance is not addressable at the department level then it is forwarded to the principal for further action.

**University-level grievance redressal**

The examination section in the institute addresses the queries



related to the evaluation, results, and any discrepancy found in the certificates which are issued by the university.

If any student scored fewer marks than he or she expected, then the student can apply for revaluation after paying the fee which is mentioned by the university.

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

Course outcomes and Program outcomes are defined by the subject in charge along with course experts. Students are made aware of COs during syllabus orientation by the concerned subject teacher.

Every internal question paper has COs mapped. At the end of the semester, every course outcomes attainment concerning CIE and SEE is done.

CO, PO mapping table is prepared for every course by the subject teacher and made aware to the students.

POs are put on the college website in the main sheet and also repeated in every department web links with PSOs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

institution.

Institute ensures the attainment of the 12 Graduate attributes (GA) defined by the affiliating University are:

Engineering knowledge, Problem analysis, Design/development of solutions, Conducting investigations of complex problems, Modern tool usage, engineering and society, Environment and sustainability, Ethics, Individual and teamwork, Communication, Project management and finance, and Life-long learning.

The attainment of program outcomes and course outcomes it is under process.

File Description	Documents
Upload any additional information	No File Uploaded
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

289

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
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.brindavancollege.com/IOAC/STUDENTSATISFACTIONSURVEYREPORT.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)

0.43

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

#### 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

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

#### 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

4

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://vtu.ac.in/en/administration/circular-financial-assistance-for-innovative-projects-for-final-year-undergraduates-for-the-year-2020-21/">https://vtu.ac.in/en/administration/circular-financial-assistance-for-innovative-projects-for-final-year-undergraduates-for-the-year-2020-21/</a>

### 3.2 - Innovation Ecosystem

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

- Faculty orientation program was conducted by Mechanical engineering and Civil engineering departments Research Center to promote the research work.
- A student online orientation program is conducted during covid to give importance of ICT tools, virtual Labs and online facilities available for improving the knowledge of students.
- A soft skill program is conducted by the Information science department to enhance the strength of the students.

File Description	Documents
Upload any additional information	No File Uploaded
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**

2

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 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

1

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)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 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

24

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 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

3

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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 Brindavan College of Engineering sponsors a variety of extracurricular events to foster institute-neighborhood ties and educate students about local issues. Our college's students actively engage in volunteer work that benefits their entire growth. The National Cadet Corps Units and National Service Scheme are successfully conducted by the college. The college engages in a variety of community outreach initiatives through these units. Cleaning up, planting trees, and raising awareness about the environment are just a few of the activities that NSS volunteers carry out. All of the aforementioned events had a great effect on the students and helped them build their leadership abilities, community connections, and self-assurance. Additionally, it raised students' awareness and cultivated their hidden personalities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

0

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
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**

3

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**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**

185

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 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

0

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

#### 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

1

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

### 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 has an effective policy in order to create and enhance the infrastructure to facilitate effective teaching and learning process. This policy consists of ensuring maximum and



optimum utilization of the space and infrastructure.

Policy of decentralization is followed in Institute by creating breathing space in each block and each department. The classrooms and labs are designed in such a way to facilitate the space with door, window, light, ventilation and electricity.

The Institute has 32 classrooms measuring between 54.8 Sqm to 65.2 Sqm approximately. Each classroom can accommodate a large number of students. Some rooms are smaller for lesser class strength. All the rooms are having sufficient seating with Black Board, White board, Diaz and Podium. We have 3 seminar halls measuring approximately 487.47 Sqm with projector and good seating facility.

We have three tutorial classes with an area of 180 Sqm. The college has 32 laboratories with 3901 Sqm area including all the departments. All the 32 laboratories are well equipped for the purpose, security and safety measures are taken care of and uninterrupted supply of basic amenities are ensured.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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.

Extra-Curricular activities policies and strategies of the institution for sports persons, student's participation and activities. Department of physical education organized sport events every year. Playground facilities are available for various sports and games like volley ball, cricket, football, basketball, table tennis, Chess etc. The sports department have sufficient sports materials and equipment's for students use. Student activities - Cultural, sports, indoor and outdoor games, gymnasium, auditorium, NSS, NCC, cultural activities, public speaking, communication skills development, yoga, health and hygiene etc. Department wise cultural activities were organised.

The sports complex is available for extracurricular activities of the institution like cultural functions, orientation programmes, medical camps, college fest and awareness seminars.

A stage in the common ground is also used for cultural activities and functions like celebration of Independence day, Republic day etc.

Games (Indoor) - Common Room cum Gymnasium is equipped with Carrom board, badminton court, Table Tennis board and Chess board.

Games (Outdoor) - Ground within the premises is used for sporting activities like cricket, throw-ball, and basketball.

NSS: Camps and other activities are carried out regularly. The college provides infrastructure and funds for all NSS activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.brindavancollege.com/Facilities.php">http://www.brindavancollege.com/Facilities.php</a>

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

35

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

542.54

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

An Integrated Library Management System is a computer-based system used to manage internal and external resources including tangible assets, financial resources, materials, and human resources. All e-resources are accessible locally within the campus. College Library building is located in main building and well laid out and maintains the right atmosphere for learning. Library holdings includes dissertations, doctoral theses and project reports on various subjects. Library has adequate number of terminals to facilitate searching/accessing e-resources, web browsing and for other academic work. Provision has also been made to allow downloading/printing of materials from these resources. Since 2014 ILMS software 6.2A version with fully automation is being used for library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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 to e-resources**      **B. Any 3 of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

#### 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

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

#### 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

200

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

Brindavan College of Engineering has a team of dedicated IT staff to cater to the needs related to IT infrastructure and maintenance. The institute periodically upgrades the IT infrastructure based on the requirements given by the respective departments. There are total 516 computers and servers available

in the institute. The systems are connected with local area network and internet with 50 Mbps speed for providing internet to students, teachers and office staff. The institute has all time Wi-Fi facility in the campus. Wi-Fi access point is updated regularly to match the compatibility of high end laptop, desktop and other computer accessories. All the software's and other applications are periodically updated before the expiration. Further, all the applications are upgraded regularly as per the requirements of all the departments in the institute. The college has a digital library. The facilities are utilised by faculty: internal/ external communication through e-mails, research work, e-resources, preparation of teaching/ learning materials and uninterrupted power supply (UPS) is made available in the department, so that the students and staff can access the computers without any interruption.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

510

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

66.25

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 institute has formed an executive committee comprising of the Chairman, Principal. The committee conducts meeting once in 3 months with all HOD's to discuss issues related to the functioning of the institution. The university prescribed laboratory courses in each semester for different departments and depending on the course content, equipment's and computers are updated. The library is located centrally and houses text books, reference books, e-books, journals and e-journals with text books being issued to students and faculty on lending basis. Research is encouraged with students and faculty referring to other sources like reference books, e-books, and e-journals. The Sports department headed by sports director conducts annual sports meet with active participation from both students and faculty. The institution has constructed good number of class rooms in each department and they are used for conducting classes, and end semester examinations. The campus is well maintained by the estate manager with the aid of the housekeeping and maintenance staff. The water storage units are regularly checked and maintained for quality and levels by the maintenance staff. Seminar halls provided are used to conduct seminars, placement talks, workshops, conferences, and other activities

File Description	Documents
Upload any additional information	No File Uploaded
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

377

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

#### 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

13

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

**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**

**B. 3 of the above**

File Description	Documents
Link to Institutional website	<a href="http://www.brindavancollege.com/IQAC/Capacitybuildingandskillsenhancementinitiatives.pdf">http://www.brindavancollege.com/IQAC/Capacitybuildingandskillsenhancementinitiatives.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

0

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

0

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

**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**

**B. Any 3 of the above**



File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

19

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

13

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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**

3

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

### 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.**

0

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

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 )

**1.IQAC: Aim is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative**

performance of the institution. Promotes measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practice.

2.Anti-Ragging: Actively participate in maintaining a ragging free environment in the campus. The committee also takes instantaneous action to get rid of ragging. Initiating disciplinary actions found to be involved in an act of ragging.

3.Sports: Is responsible for conducting inter college and interdepartmental sporting events, annual sports day celebrations, Swachh Bharath activities, Blood donation camps etc.

4. Cultural: Is responsible for conducting cultural events like Fresher's day, Annual day, Kannada Rajyotsava celebrations and intercollege fests.

5.Students Counselling: Provides counselling for students with respect to their studies as well as other problems the students are facing.

6.Grievance Redressal Cell : Student grievances with respect to tuition fee, discontinuation of education and other related problems are addressed.

7.Hostel: This committee is headed by gents and ladies hostel warden. This committee proposes the development and upkeep of the hostel. The committee monitors the functioning of the hostel and focuses on the welfare of the inmates.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	<a href="#">View File</a>
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)	No File Uploaded

#### 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 Brindavan College of Engineering has internal alumni association. They are brand ambassadors for the institution..This association helps the alumni to get associated with each other. They help in maintaining good relationship and to help chose the future path ,it can be higher education ,or in research and in the path of their carreer. guidance. Serve as role models for students through distinguished services like placements , provide opportunities to carryout internships.It also supports a network of graduates who inturn helps to raise the profile of institutes. They are invited to deliver guest lectures and seminars.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 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

Brindavan College of Engineering goal is to provide best instruction to students from all over the world, irrespective of their backgrounds, to help them develop into dynamic professionals. The institution's policy strives to help students build a strong character and willpower to succeed. Students are tasked with ensuring that they receive an education that will enable them to become deserving citizens by assisting them in establishing strong characters and personalities in addition to academic growth.

Institute has developed strong governance structure in line with Vision and Mission under Chairman and Principal

Governance:

Meeting the institution's mission and vision is often the goal of the governance and higher ability used. Decentralization and participatory management are strategies that have been in place from the beginning. Board of Management oversees the institution's performance in accordance with its quality standards through the Governing Council. The Institution's Vision and Mission. Department's vision and mission that are aligned with the college's ultimate goal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

To achieve the institution's objectives and mission, the management is strongly committed to provide a best education. The management ensures that the institution has the necessary infrastructure in place and supports an effective work flow. Every staff is briefed regarding their duties by the principal and HODs during regular staff meetings. The management is dedicated

to ensuring standard compliance and conformity.

### Decentralization

Planning, policymaking, and institution administration are significantly impacted by decentralization. Decentralization and participation are strategies used by the institution to improve the quality of the educational system. Additionally, it promotes the creation of compact little groupings. Employee morale rises as a result of their involvement in the process.

### Participative Management

By involving the staff and students in a range of activities, the institution promotes a culture of participative management. The administration of the institution guides each choice by taking objectives, facts, and information into account. It is acceptable for students and teachers to express their thoughts and offer suggestions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The aim of the institution is to provide education to the highest level of satisfaction amongst the stake holders, students, teaching staff, non-teaching staff, parents etc..

Other Perspective Plan for the development of college:

1. Consolidation of UG and PG teaching and learning process and evaluation process to the highest level of satisfaction of the stakeholders.
2. Continuing the status of accreditation (NAAC),
3. Strengthen industry-institute interaction.
4. To enhance the use of ICT in Teaching and Learning process.

5. To intensify activities for the holistic development of students through well planned extension activities, NSS activities, free vaccination Drives etc..

6. To motivate faculty members to engage in research related activities.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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.

Board of Governors Committee is formed, chaired by a Institute Chairman. Under the chairman's direction, trustees, members, and CEOs as well as Principal's legal counsel carry out their duties. The Principal is in charge of all departments, including accounts, administration, human resources, the library, IQAC, training, and placement. HODs are headed by Principal and are in-charge of their respective department.

The Institute has created effective internal coordinating and monitoring systems and has a well-formed internal organizational structure and policies that are assessed during decision-making processes. All departments work together collectively to achieve the goals while keeping the expectations and needs of the nation. The Board of Council establishes academic and administrative policy. Minutes of meeting are maintained notified to staff. Through the principal, the Board of Council encourages the faculties in all aspects. Other committees, such as the IQAC, the library committee, the placement committee, the anti-ragging committee, etc., operate under the supervision of the institution's head.

File Description	Documents
Paste link for additional information	<a href="http://www.brindavancollege.com/IOAC/6.2.2servicerule.pdf">http://www.brindavancollege.com/IOAC/6.2.2servicerule.pdf</a>
Link to Organogram of the institution webpage	<a href="http://www.brindavancollege.com/IOAC/Organogram.pdf">http://www.brindavancollege.com/IOAC/Organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Screen shots of user interfaces	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

Brindavan College of Engineering takes welfare measures for teaching and non-teaching members. Institute offers various schemes to all employees to promote the efficiency and efficacy.

Following are the welfare measures provided to teaching and non-teaching staff by the institution:

Leave for teaching and non-teaching staff

Transport facility with less cost, Canteen food facility with less cost, free health checkup, free Gym and Sports facilities, Employee child's tuition fee concession was provided to all the teaching and non-teaching staff. RH is provided to all teaching and non-teaching staff, SCL provided for teaching staff.



**Employees Provident Fund as per PF rules**

Keeping in view the future safety of employees, the institution contributes specific amount towards provident fund of an employee as per PF rules.

Sponsoring registration fees and promotes staff for attending Conferences, FDPs etc.

Motivating and allowing faculty members to pursue research degrees and OOD/Leave is granted to pursue research, to ensure and encourage the faculty in knowledge up gradation. College also sponsors Conference and FDPs registration fees

**Medical Benefit:**

Health check-ups were organized at College Premises to ensure good health of employees,

Free vaccination is provided to all the employees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**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**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 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

4

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	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 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

71

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

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

The institution has performance based appraisal system for the assessment of teaching and non-teaching staff. The appraisal report is based on the annual performance of the employees on the basis of their academic, research and other extra-curricular activities.

#### Performance appraisal system for teaching staff:

The use of cutting-edge technologies in classroom lectures, course delivery, up-skilling, questionpaper setting, and evaluation is how the teaching staff is evaluated. Additionally taken into consideration are student comments and the class's overall pass rate. Employees complete out the performance appraisal report according to a prescribed structure, which covers all the aforementioned elements and sub points. HODs modify the recommended format to evaluate the concerned faculty member's attitudes, behaviors, and professional attributes.

Additionally, performance is assessed by students according to a predetermined structure based on specific personality traits as well as instructional qualities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

The accounts department manages the accounts and internal control of finance procedures on a daily basis. It controls functions in a variety of institutional sectors, including financial and non-financial, as directed by the yearly audit plan, assuring adherence to legal requirements. The accounts department examines the institution's main risks and determines the best course of action for managing them in order to support the institution's goals. The yearly statutory audit of the financial accounts is conducted by the external audit, which renders a conclusion as to whether they accurately reflect the institute's financial situation. Each year income tax returns are submitted on a regular basis. So far there have been no major findings / objections. Minor errors or omissions & commission, when pointed out by the audit team are immediately corrected/ rectified & precautionary steps are taken to avoid recurrence of such errors in future.

Since the institution adheres to an effective system of internal controls, no expenses are made without adequate approval or sanction by the Head of the institution and the heads of the various departments. As a result, there are no audit objections.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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)**

0

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

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

The Institution is self-financing, and students' tuition and admission fees are the main sources of funds. The institution has a clear system in place to track how effectively and efficiently the financial resources available are being used to build infrastructure and academic processes.

- i) Institutional budget is prepared by management every year.
- ii) Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.
- iii) All the major financial decisions are taken by the Management.

#### Utilization of funds:

1. Institution adheres to utilization of budget approved for academic and administrative expenses by management.
2. After final approval of budget, the purchasing process is initiated by purchase committee which includes all head of departments and account officer. Accordingly the quotations called and after the negotiations purchase orders are placed.
3. The payments are released after delivery of the respective goods. It is done as per the terms and conditions mentioned in purchase order.
4. All transactions have transparency through bills and vouchers. The bill payments are passed after testing and

verification of items. Only authorized person operates the transaction through bank.

5. The entire process of the procurement of the material is monitored by the Maintenance and the accounts department.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.5 - Internal Quality Assurance System

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

The goal of IQAC is to create a mechanism for consciously, consistently, and catalytically enhancing institution performance. The work performed by IQAC is a step in the direction of internalizing and institutionalizing quality improvement.

The coordinator of the IQAC communicates with numerous officials to ensure proper implementation of IQAC and regularly updates the chairperson of IQAC on the status. The IQAC keeps track of its discussions and, if any improvements are needed, makes suggestions.

### Objectives of IQAC

- To develop a quality system for conscious, consistent and programmed action to improve the academic and administrative performance of the institution.
- To promote measures for driving institutional functioning towards quality enhancement and institutionalization of best practices.

### Strategies of IQAC

1. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.

2. Equitable access to and affordability of academic programmes for various sections of society.

3. Optimization and integration of modern methods of teaching and learning.

4. The credibility of evaluation procedures.

5. Ensuring the adequacy, maintenance and functioning of the support structure and services.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 IQAC organized regular academic audits to ensure effective implementation of teaching learning process and maintenance of course files.

- Arrangement of special classes for slow learners.
- Identifying the new processes/delivery method and recommending the same for improving the quality.
- Collecting feedback from the students.
- Conducting faculty development programs and skill development training programs.

Example 1: Implementation of the Course files.

The objective planning of the teaching and learning process for each topic is done using the course files. The teachers review the requirements of course and make whether every enrolled student has fulfilled them. After double-checking prerequisites, the teachers prepare lesson plan at the beginning of the semester. Each lesson's delivery method is carefully planned out by the teacher.

Example 2: Introduction of Value Added Course

In order to help students learn more about the subject matter and get hands-on experience, value-added courses were made available to them. A minimum of thirty hours of teaching is conducted. Upon successful completion of the course, students are issued a certificate

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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)**

**D. Any 1 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="http://www.brindavancollege.com/IOAC/IOAC MOM2020-21.pdf">http://www.brindavancollege.com/IOAC/IOAC MOM2020-21.pdf</a>
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## **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

**Gender inclusivity is accorded highest priority and is embedded in the cultural ethos of Brindavan College of Engineering in**



line with the principle of gender equality enshrined in Indian Constitution which advocates for positive discrimination in favour of gender equality and women empowerment.

Women Welfare Committee organized talks on Women's health and wellness.

a) Gender Inclusion Plan:

Gender equity is ensured during admissions. Equal opportunities are provided to female students in all events and competitions. International women's day was celebrated on 8th March to acknowledge women for their services and make them feel proud and empowered.

b) Gender Specific Service:

Safety and security:

The campus, classrooms, corridors, seminar halls and other prominent locations (excluding private areas) are all under 24 hours CCTV surveillance.

Security guards are stationed to facilitate safe movement of female students and staff.

Separate hostel facility is available for ladies and gents.

Common Rooms:

Separate wash rooms are available for both male and female students. Adequate care and attention is ensured for female students and staff to ensure their safety, security and well-being.

Counseling:

Brindavan College of Engineering has a counseling cell. The cell counsels the female students upon request.

File Description	Documents
Annual gender sensitization action plan	<a href="http://www.brindavancollege.com/IOAC/GenderSensitizationActionPlan.pdf">http://www.brindavancollege.com/IOAC/GenderSensitizationActionPlan.pdf</a>
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	<a href="http://www.brindavancollege.com/IOAC/Specificfacilitiesprovidedforwomen.pdf">http://www.brindavancollege.com/IOAC/Specificfacilitiesprovidedforwomen.pdf</a>

**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**

**C. Any 2 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

- Solid waste management**

The waste generated on campus is segregated into wet, dry, garden, sanitary and E-waste. Every floor is equipped with dustbins and All stakeholders are instructed to segregate waste and put in respective dustbins.

- Liquid waste management**

The laundry liquid waste will be used for beautifying the landscape and garden.

- Biomedical waste management**

Biomedical waste like discarded medicines, dressing bandages, plaster casts, material contaminated with blood, broken glass

and others are all segregated and handed over to BBMP.

- E-waste management

All departments ensure to optimally utilize electronic resources available. Equipment which cannot be reused even after repair are dismantled.

- Waste recycling system

The Dry waste generated like papers and hard bound sheets are used by School of Architecture as raw material for their studio works, Portfolios. Staff members across campus reuse one side printed papers for rough work. Used Calendar, newspapers, paper rim, covers are used for binding registers and books

- Hazardous chemicals and radioactive waste management

Certain hazardous chemicals generated in the chemistry lab while conducting experiments at the Institution. Institution directs minimization of waste generation, usage of plastic containers as they are safe to store such waste materials and properly labeling them and keeping them closed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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**

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

**Brindavan College Engineering has a wide array of diversities across students and staff members. The stakeholders at hail from diverse, socio-economic backgrounds, states, regions, localities, linguistic and cultural backgrounds. Activities are**

conducted on campus to ensure inclusivity of diverse population. Celebrates festivals of diverse cultures and regions to enable the stakeholders of the institution to appreciate diversity and imbibe values, traditions, customs and conventions associated with festivities.

Rakshabandhan was celebrated with BSF Jawans to show gratitude. Sweets were shared. Ayudha Pooja and other festivals are conducted to symbolize the cultural and regional diversities across India.

Navaratri Week: To celebrate the beauty of diverse colors, a week-long spectrum event is conducted during which the students and staff members follow a specific colour code for each day during the week.

Institute engages in social immersion, programs and activities like visiting orphanage, digital literacy campaigns for schools. To ensure inclusivity, equal opportunities are provided to primary stakeholders of the institute to participate in health awareness and health care activities. Also students from all backgrounds take part in the activities of various clubs, committees and other activities of the institution.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Brindavan College of Engineering motivates entire fraternity to be socially responsible. The VTU curriculum has a mandatory course on Constitution of India to create awareness and sensitize the students and employees about constitutional obligations. AICTE conducts workshops on Universal Human Values Cell to facilitate students to imbibe human values which are very essential to live in harmony with all beings on earth fulfilling the principle of mutual coexistence.

In addition to Curriculum, the institute covers all modalities that could sensitize a person, awaken their conscience and

develop an attitude of well-behaving and being responsible in society. World Environment Day is celebrated by planting trees to keep the campus green and create awareness of the Environment and the need for the younger generation's responsibility to restore the ecosystem. Independence Day is also celebrated to highlight the struggle for freedom and the importance of the Indian

SOP guidelines were prepared and circulated. Covid 19 detection camp and Vaccination drives have been conducted.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="http://www.brindavancollege.com/IQAC/InstitutiontotheConstitutionalObligations.pdf">http://www.brindavancollege.com/IQAC/InstitutiontotheConstitutionalObligations.pdf</a>
Any other relevant information	Nil

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

**B. Any 3 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

International and National festivals and Commemorative days are celebrated at the Institute to create awareness among all the stakeholders about the noble ideals and ideologies behind them.

International Women's Day (March 8th) is celebrated a gesture of acknowledgment to women achievers, well accomplished women are invited to deliver motivational sessions and activities like yoga, meditation.

International Yoga Day (June 21st) is conducted to create awareness about integrating yoga practice as part of one's routine lifestyle for physical, mental, emotional and spiritual well-being of everyone.

Independence Day our national festival is celebrated on the campus each year during which administrators, students and staff members participate in flag hoisting

World Population day is celebrated focus attention on the urgency and importance of population issues. World Theatre day was celebrated to promote theatre and the dramatic arts.



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

## 7.2 - Best Practices

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

(A) Title : The Gift of Green

Objective:

- Dissemination of environmental literacy to motivate students, staff and society.
- Transformation of the campus into pollution free and environmentally friendly zone.
- To conserve water resources through rainwater harvesting.
- To use renewable energy resources (solar energy).
- Proper waste management.
- Planting and maintaining trees.
- To use renewable energy resources (solar energy).

(B) Title : Online Proctorial process

Objective:

Individual proctoring and counselling system is to facilitate the personal, academic, and social growth of students, identify their needs and give support accordingly. This system promises to monitor and encourage students in their growth and development.

File Description	Documents
Best practices in the Institutional website	<a href="http://www.brindavancollege.com/IOAC/7.2BestPractice.pdf">http://www.brindavancollege.com/IOAC/7.2BestPractice.pdf</a>
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

The main goal of Brindavan College of Engineering is to transform individuals and help them reach their full potential. The goal of the transformation process is to promote a student's overall growth. To ensure the holistic development, many interventions other than academic are adapted. We are constantly exploring, learning, improving and expanding a never-ending journey of bringing the unknown to the known. By leading our students and stakeholders on their purpose, we enhance our strengths, values, confidence, and leadership. Cognitive ability is the main emphasis of teaching and learning process. The institute creates awareness on social challenges and sustainable development in addition to effective skills. An Experiential learning method is followed to execute the interventions. The institute conducts events to bring awareness amongst students about various social issues and sustainability. Each department conducts various events on social causes under Institute Social Responsibility. The student volunteer teams are mentored by faculty members and the events are conducted.

## 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 the affiliated institute, the institute implements the curriculum prescribed by Visvesvaraya Technological University. As per the AICTE norms we are conducting the Student Induction program for the first-year students, which improve their self-confidence, and communication skills, familiarizes the outcome-based education in technical education.

At the outset, the Principal of the college conducts meetings with the various department heads to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative ICT teaching enabled methods such as online teaching mode (MS teams, Zoom etc.), online internal assessment mechanism, activities like quiz, assignments (online), discussions, workshops, seminars, and industrial visits besides the regular/traditional chalk and talk methods. Objective driven teaching plan was developed in accordance with university regulations. Faculty members maintain course delivery plan (CDP) throughout the semester. The College encourages its faculty members to participate in Orientation/Refresher Courses/ Workshops/ Seminars/ Conferences organized by the University/Institutes to update their knowledge and improve their teaching practices. The college provides ample books and other teaching and reference materials like journals, magazines, teaching models, and software to enable its teachers to ensure the effective delivery of the curriculum. Encouraging innovations in teaching and learning, MOUs. The institution adheres mentor - mentee guidelines. Bridge courses are organized and conducted in benefit of the students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

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

#### Response:

Since Brindavan College of Engineering is affiliated with VTU, it follows the university's examination schedule. Before the start of the academic year, the institute creates the yearly academic calendar, which is subsequently sent to all departments. The academic calendar lists the institution's working days, holidays, continuous internal assessment test dates, class committee meeting dates, sports days, cultural days, and the institution's final day of classes.

**Academic calendar:** Before the commencement of every semester of the academic year, a well-planned academic calendar with all the essential instructions is prepared, circulated to all departments, and displayed on all notice boards for the benefit of the students. It also contains all the standards and assessment plans.

**Class Timetable:** In cooperation with the HODs, the timetable coordinator with each department prepares the schedule by the specifications of the University for the Required Credit. Every academic year, the timetable is made public and announced before the start of the semester. All faculty Adheres strictly to the class timetable

**Continuous Internal Assessment:** The regular internal assessments are carried out to track the academic progress of the students as per VTU regulations. Every semester of the academic year features three internal assessment tests along with the scheme of evaluation. Faculty members employ a comprehensive internal performance evaluation method to identify slow and advanced learners and academic monitor council monitoring the all the activities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

### 1.1.3 - Teachers of the Institution participate in following activities related

C. Any 2 of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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

09

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

10

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

237

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

As per the VTU curriculum of the second year for all the programs of Bachelor of Engineering, Constitution of India and Professional Ethics has been taught compulsorily.

Also as per VTU College Internal Complaints Committee (CICC), committees related to the Redressal Grievance Committee, Anti-ragging Committee, and for the welfare of Scheduled Castes, Scheduled Tribe, and Other Backward Class students SC/ST/OBC Welfare Committee, Discipline Committee, these committee's functions for the assurance of gender equality in ethics, social, and societal values among the students.

Every student undergoes orientation during his/her beginning in first year. During this orientation, programs on Universal Human Values (UHV), ethics in the professional courses, gender equality, creativity, and Understanding Harmony have been conducted by the experts. The faculties were involved in all the programs actively to raise the quality of the sessions. The session on Active learning, National Social Service schemes, and the Youth Red Cross program are vital initiatives for gender equality.

For the benefit of the students, various departments of the school host lectures on human values with a focus on gender equality, women's empowerment, and skill development. For them, the N.S.S. cell arranges a special camp.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

167

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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	<a href="#">View File</a>

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

606

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

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

**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="http://www.brindavancollege.com/IOAC/Criterial.4Feedback.pdf">http://www.brindavancollege.com/IOAC/Criterial.4Feedback.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
URL for feedback report	<a href="http://www.brindavancollege.com/IOAC/Criterial.4Feedback.pdf">http://www.brindavancollege.com/IOAC/Criterial.4Feedback.pdf</a>

#### 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**

242

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

172

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**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**

The Institution identified the advanced learners and slow learners with the consideration of internal assessment tests, classroom interaction, and lab experiment conduction.

The following measures are taken to enhance the progress of slow learners.

- During the pandemic situation, most of the students showed a lack of interest in online teaching and usage of online tools, hence virtual counseling sessions were conducted for slow learners to encourage and motivate them to adopt the new learning teaching method.
- The Mentoring system provides all kinds of support for slow learners. The regular assignments, conducting online quiz which will help the students to understand the subject in a better manner.

### Catering to the need of Advanced Learners

- Students are guided to take up the activities such as MOOC courses, NPTEL Courses, and are encouraged to learn online tools.
- Encouraged the students to participate in national and international conferences, project exhibitions, and internships.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1075	93

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

The teaching-learning process is one of the major strengths of our institution and the institute provides a platform for a student-centric learning approach in the diversity of curriculum for all development of students.

Experiential Learning methods followed in the institution

Encourage the students to conduct the lab experiments in the virtual and physical mode which will lead to exposure to learning various simulation tools. The add-on programs support the students to experience new learning which can further enhance their creativity and knowledge levels.

Participative Learning methods followed in the institution

The students participate in various activities like technical

Seminars, group discussions, project presentations, annual cultural fest like ELCOTSAV, COLOSSUS, and national conferences organized in the institution to give the platform to expose them to acquire new skills.

Problem-solving methods followed in the institution

The research culture is adopted in the institution through mini-projects and main projects for both UG and PG programs. A literature survey is carried out by students which leads to problem formulation, analysis, and methodology to implement the project.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

In addition to chalk and board teaching, the teachers in the institution use ICT tools for pedagogical purposes.

Teachers are using various ICT facilities such as LCD projectors, Google classroom for sharing notes, collecting the assignments and IA answer scripts, zoom and Google meet is used for online teaching, Google forms used to conduct the quiz, and PowerPoint presentations for regular classroom instructions and email, social media apps are used to deliver the material and communicate with the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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**

93

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality****2.4.1 - Number of full time teachers against sanctioned posts during the year**

93

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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**

18

File Description	Documents
Any additional information	No File Uploaded
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)	<a href="#">View File</a>

### 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

93

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 2.5 - Evaluation Process and Reforms

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

The institute is affiliated with Visvesvaraya Technological University (VTU) and norms and regulations related to the evaluation process are conveyed to students at the beginning of the first year. The institute prepares a calendar of events which includes the internal assessment test schedule and approved by the principal and shared with the students at the beginning of the semester.

The evaluation of theory internal assessment test is evaluated based on a scheme and solution prepared by the teacher and students can be verifying their marks at the end of the assessment.

#### Continues Internal Evaluation (CIE)

Internal assessment Tests are written in Blue Books given by the college

The CIE for theory subjects was evaluated based on 3 internal assessment tests and assignments, quizzes, seminars, and activities.

The CIE for practical subjects is evaluated based on the conduction of the experiment, record book, and viva voce.

The CIE for Projects works, seminars, and Internships is evaluated based on the presentation, report, and question and

answer session.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The related grievances are redressed by the respective teacher or Head of the Department or Principal.

Type of grievances such as change of test dates need an additional test, change of lab batch, and the university has its system for redress of grievances.

**Institute-level grievance redressal**

If any discrepancies are found in the question paper, mark allocation in the evaluated answer sheet, and any corrections or clarifications noticed by the students, the concerned teacher will solve and necessary corrections will be made. The subject teacher discusses the scheme of evaluation with the students which will help them to solve their queries. If the grievance is not addressable at the department level then it is forwarded to the principal for further action.

**University-level grievance redressal**

The examination section in the institute addresses the queries related to the evaluation, results, and any discrepancy found in the certificates which are issued by the university.

If any student scored fewer marks than he or she expected, then the student can apply for revaluation after paying the fee which is mentioned by the university.

File Description	Documents
Any additional information	<a href="#">View File</a>
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.

Course outcomes and Program outcomes are defined by the subject in charge along with course experts. Students are made aware of COs during syllabus orientation by the concerned subject teacher.

Every internal question paper has COs mapped. At the end of the semester, every course outcomes attainment concerning CIE and SEE is done.

CO, PO mapping table is prepared for every course by the subject teacher and made aware to the students.

POs are put on the college website in the main sheet and also repeated in every department web links with PSOs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Institute ensures the attainment of the 12 Graduate attributes (GA) defined by the affiliating University are:

Engineering knowledge, Problem analysis, Design/development of solutions, Conducting investigations of complex problems, Modern tool usage, engineering and society, Environment and sustainability, Ethics, Individual and teamwork,

Communication, Project management and finance, and Life-long learning.

The attainment of program outcomes and course outcomes it is under process.

File Description	Documents
Upload any additional information	No File Uploaded
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

289

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
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.brindavancollege.com/IOAC/STUDENTSATISFACTIONSURVEYREPORT.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)**

0.43

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**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**

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**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**

4

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://vtu.ac.in/en/administration/circular-financial-assistance-for-innovative-projects-for-final-year-undergraduates-for-the-year-2020-21/">https://vtu.ac.in/en/administration/circular-financial-assistance-for-innovative-projects-for-final-year-undergraduates-for-the-year-2020-21/</a>

### 3.2 - Innovation Ecosystem

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

- Faculty orientation program was conducted by Mechanical engineering and Civil engineering departments Research Center to promote the research work.
- A student online orientation program is conducted during covid to give importance of ICT tools, virtual Labs and online facilities available for improving the knowledge of students.
- A soft skill program is conducted by the Information science department to enhance the strength of the students.

File Description	Documents
Upload any additional information	No File Uploaded
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**

2

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 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

1

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)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 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

24

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 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**

3

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**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 Brindavan College of Engineering sponsors a variety of extracurricular events to foster institute-neighborhood ties and educate students about local issues. Our college's students actively engage in volunteer work that benefits their entire growth. The National Cadet Corps Units and National Service Scheme are successfully conducted by the college. The college engages in a variety of community outreach initiatives through these units. Cleaning up, planting trees, and raising awareness about the environment are just a few of the activities that NSS volunteers carry out. All of the aforementioned events had a great effect on the students and helped them build their leadership abilities, community connections, and self-assurance. Additionally, it raised students' awareness and cultivated their hidden personalities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

0

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
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**

3

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**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**

185

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 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

0

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

#### 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

1

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

## 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 has an effective policy in order to create and enhance the infrastructure to facilitate effective teaching and learning process. This policy consists of ensuring maximum and optimum utilization of the space and infrastructure.

Policy of decentralization is followed in Institute by creating breathing space in each block and each department. The classrooms and labs are designed in such a way to facilitate the space with door, window, light, ventilation and electricity.

The Institute has 32 classrooms measuring between 54.8 Sqm to 65.2 Sqm approximately. Each classroom can accommodate a large number of students. Some rooms are smaller for lesser class strength. All the rooms are having sufficient seating with Black Board, White board, Diaz and Podium. We have 3 seminar halls measuring approximately 487.47 Sqm with projector and good seating facility.

We have three tutorial classes with an area of 180 Sqm. The college has 32 laboratories with 3901 Sqm area including all the departments. All the 32 laboratories are well equipped for the purpose, security and safety measures are taken care of and uninterrupted supply of basic amenities are ensured.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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.

Extra-Curricular activities policies and strategies of the institution for sports persons, student's participation and activities. Department of physical education organized sport events every year. Playground facilities are available for various sports and games like volley ball, cricket, football, basketball, table tennis, Chess etc. The sports department have sufficient sports materials and equipment's for students use. Student activities - Cultural, sports, indoor and outdoor games, gymnasium, auditorium, NSS, NCC, cultural activities, public speaking, communication skills development, yoga, health and hygiene etc. Department wise cultural activities were organised.

The sports complex is available for extracurricular activities of the institution like cultural functions, orientation programmes, medical camps, college fest and awareness seminars. A stage in the common ground is also used for cultural activities and functions like celebration of Independence day, Republic day etc.

Games (Indoor) - Common Room cum Gymnasium is equipped with Carrom board, badminton court, Table Tennis board and Chess board.

Games (Outdoor) - Ground within the premises is used for sporting activities like cricket, throw-ball, and basketball.

NSS: Camps and other activities are carried out regularly. The college provides infrastructure and funds for all NSS activities.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.brindavancollege.com/Facilities.php">http://www.brindavancollege.com/Facilities.php</a>

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

35

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

542.54

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

An Integrated Library Management System is a computer-based system used to manage internal and external resources including tangible assets, financial resources, materials, and human resources. All e-resources are accessible locally within the campus. College Library building is located in main building and well laid out and maintains the right atmosphere for learning. Library holdings includes dissertations, doctoral theses and project reports on various subjects. Library has adequate number of terminals to facilitate searching/accessing e-resources, web browsing and for other academic work. Provision has also been made to allow downloading/printing of materials from these resources. Since 2014 ILMS software 6.2A version with fully automation is being used for library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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**

**B. Any 3 of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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

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

#### 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

200

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

Brindavan College of Engineering has a team of dedicated IT staff to cater to the needs related to IT infrastructure and maintenance. The institute periodically upgrades the IT infrastructure based on the requirements given by the respective departments. There are total 516 computers and servers available in the institute. The systems are connected with local area network and internet with 50 Mbps speed for providing internet to students, teachers and office staff. The institute has all time Wi-Fi facility in the campus. Wi-Fi access point is updated regularly to match the compatibility of high end laptop, desktop and other computer accessories. All the software's and other applications are periodically updated before the expiration. Further, all the applications are upgraded regularly as per the requirements of all the departments in the institute. The college has a digital library. The facilities are utilised by faculty: internal/ external communication through e-mails, research work, e-resources, preparation of teaching/ learning materials and uninterrupted power supply (UPS) is made available in the

department, so that the students and staff can access the computers without any interruption.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

510

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

66.25

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 institute has formed an executive committee comprising of the Chairman, Principal. The committee conducts meeting once in 3 months with all HOD's to discuss issues related to the functioning of the institution. The university prescribed laboratory courses in each semester for different departments and depending on the course content, equipment's and computers are updated. The library is located centrally and houses text books, reference books, e-books, journals and e-journals with text books being issued to students and faculty on lending basis. Research is encouraged with students and faculty referring to other sources like reference books, e-books, and e-journals. The Sports department headed by sports director conducts annual sports meet with active participation from both students and faculty. The institution has constructed good number of class rooms in each department and they are used for conducting classes, and end semester examinations. The campus is well maintained by the estate manager with the aid of the housekeeping and maintenance staff. The water storage units are regularly checked and maintained for quality and levels by the maintenance staff. Seminar halls provided are used to conduct seminars, placement talks, workshops, conferences, and other activities

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION	
<b>5.1 - Student Support</b>	
<b>5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
<b>5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
377	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year</b>	
<b>5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year</b>	
13	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>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</b>	<b>B. 3 of the above</b>

and hygiene) ICT/computing skills	
File Description	Documents
Link to Institutional website	<a href="http://www.brindavancollege.com/IOAC/Capacitybuildingandskillsenhancementinitiatives.pdf">http://www.brindavancollege.com/IOAC/Capacitybuildingandskillsenhancementinitiatives.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>
<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
0	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
0	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded
<b>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</b>	<b>B. Any 3 of the above</b>

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

19

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

13

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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**

3

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

**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.**

0

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

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 )

**1.IQAC: Aim is to develop a system for conscious, consistent**

and catalytic action to improve the academic and administrative performance of the institution. Promotes measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practice.

2.Anti-Ragging: Actively participate in maintaining a ragging free environment in the campus. The committee also takes instantaneous action to get rid of ragging. Initiating disciplinary actions found to be involved in an act of ragging.

3.Sports: Is responsible for conducting inter college and interdepartmental sporting events, annual sports day celebrations, Swachh Bharath activities, Blood donation camps etc.

4. Cultural: Is responsible for conducting cultural events like Fresher's day, Annual day, Kannada Rajyotsava celebrations and intercollege fests.

5.Students Counselling: Provides counselling for students with respect to their studies as well as other problems the students are facing.

6.Grievance Redressal Cell : Student grievances with respect to tuition fee, discontinuation of education and other related problems are addressed.

7.Hostel: This committee is headed by gents and ladies hostel warden. This committee proposes the development and upkeep of the hostel. The committee monitors the functioning of the hostel and focuses on the welfare of the inmates.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### **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**

0	
File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	<a href="#">View File</a>
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)	No File Uploaded
<b>5.4 - Alumni Engagement</b>	
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	
<p>The Brindavan College of Engineering has internal alumni association. They are brand ambassadors for the institution..This association helps the alumni to get associated with each other. They help in maintaining good relationship and to help chose the future path ,it can be higher education ,or in research and in the path of their carreer. guidance. Serve as role models for students through distinguished services like placements , provide opportunities to carryout internships.It also supports a network of graduates who inturn helps to raise the profile of institutes. They are invited to deliver guest lectures and seminars.</p>	
File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>
<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>E. &lt;1Lakhs</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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

Brindavan College of Engineering goal is to provide best instruction to students from all over the world, irrespective of their backgrounds, to help them develop into dynamic professionals. The institution's policy strives to help students build a strong character and willpower to succeed. Students are tasked with ensuring that they receive an education that will enable them to become deserving citizens by assisting them in establishing strong characters and personalities in addition to academic growth.

Institute has developed strong governance structure in line with Vision and Mission under Chairman and Principal

**Governance:**

Meeting the institution's mission and vision is often the goal of the governance and higher ability used. Decentralization and participatory management are strategies that have been in place from the beginning. Board of Management oversees the institution's performance in accordance with its quality standards through the Governing Council. The Institution's Vision and Mission. Department's vision and mission that are aligned with the college's ultimate goal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

To achieve the institution's objectives and mission, the management is strongly committed to provide a best education. The management ensures that the institution has the necessary

infrastructure in place and supports an effective work flow. Every staff is briefed regarding their duties by the principal and HODs during regular staff meetings. The management is dedicated to ensuring standard compliance and conformity.

#### Decentralization

Planning, policymaking, and institution administration are significantly impacted by decentralization. Decentralization and participation are strategies used by the institution to improve the quality of the educational system. Additionally, it promotes the creation of compact little groupings. Employee morale rises as a result of their involvement in the process.

#### Participative Management

By involving the staff and students in a range of activities, the institution promotes a culture of participative management. The administration of the institution guides each choice by taking objectives, facts, and information into account. It is acceptable for students and teachers to express their thoughts and offer suggestions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The aim of the institution is to provide education to the highest level of satisfaction amongst the stake holders, students, teaching staff, non-teaching staff, parents etc..

Other Perspective Plan for the development of college:

1. Consolidation of UG and PG teaching and learning process and evaluation process to the highest level of satisfaction of the stakeholders.
2. Continuing the status of accreditation (NAAC),

3. Strengthen industry-institute interaction.

4. To enhance the use of ICT in Teaching and Learning process.

5. To intensify activities for the holistic development of students through well planned extension activities, NSS activities, free vaccination Drives etc..

6. To motivate faculty members to engage in research related activities.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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.

Board of Governors Committee is formed, chaired by a Institute Chairman. Under the chairman's direction, trustees, members, and CEOs as well as Principal's legal counsel carry out their duties. The Principal is in charge of all departments, including accounts, administration, human resources, the library, IQAC, training, and placement. HODs are headed by Principal and are in-charge of their respective department.

The Institute has created effective internal coordinating and monitoring systems and has a well-formed internal organizational structure and policies that are assessed during decision-making processes. All departments work together collectively to achieve the goals while keeping the expectations and needs of the nation. The Board of Council establishes academic and administrative policy. Minutes of meeting are maintained notified to staff. Through the principal, the Board of Council encourages the faculties in all aspects. Other committees, such as the IQAC, the library committee, the placement committee, the anti-ragging committee, etc., operate under the supervision of the institution's head.

File Description	Documents
Paste link for additional information	<a href="http://www.brindavancollege.com/IOAC/6.2.2servicerule.pdf">http://www.brindavancollege.com/IOAC/6.2.2servicerule.pdf</a>
Link to Organogram of the institution webpage	<a href="http://www.brindavancollege.com/IOAC/Organogram.pdf">http://www.brindavancollege.com/IOAC/Organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Screen shots of user interfaces	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

Brindavan College of Engineering takes welfare measures for teaching and non-teaching members. Institute offers various schemes to all employees to promote the efficiency and efficacy.

Following are the welfare measures provided to teaching and non-teaching staff by the institution:

Leave for teaching and non-teaching staff

Transport facility with less cost , Canteen food facility

with less cost, free health checkup, free Gym and Sports facilities, Employee child's tuition fee concession was provided to all the teaching and non-teaching staff. RH is provided to all teaching and non-teaching staff, SCL provided for teaching staff.

Employees Provident Fund as per PF rules

Keeping in view the future safety of employees, the institution contributes specific amount towards provident fund of an employee as per PF rules.

Sponsoring registration fees and promotes staff for attending Conferences, FDPs etc.

Motivating and allowing faculty members to pursue research degrees and OOD/Leave is granted to pursue research, to ensure and encourage the faculty in knowledge up gradation. College also sponsors Conference and FDPs registration fees

Medical Benefit:

Health check-ups were organized at College Premises to ensure good health of employees,

Free vaccination is provided to all the employees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**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**

6



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **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**

4

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	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### **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**

71

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

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

The institution has performance based appraisal system for the assessment of teaching and non-teaching staff. The appraisal report is based on the annual performance of the employees on the basis of their academic, research and other extra- curricular activities.

#### Performance appraisal system for teaching staff:

The use of cutting-edge technologies in classroom lectures, course delivery, up-skilling, questionpaper setting, and evaluation is how the teaching staff is evaluated. Additionally taken into consideration are student comments and the class's overall pass rate. Employees complete out the performance appraisal report according to a prescribed structure, which covers all the aforementioned elements and sub points. HODs modify the recommended format to evaluate the concerned faculty member's attitudes, behaviors, and professional attributes.

Additionally, performance is assessed by students according to a predetermined structure based on specific personality traits as well as instructional qualities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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

The accounts department manages the accounts and internal control of finance procedures on a daily basis. It controls functions in a variety of institutional sectors, including financial and non-financial, as directed by the yearly audit plan, assuring adherence to legal requirements. The accounts department examines the institution's main risks and determines the best course of action for managing them in order to support the institution's goals. The yearly statutory audit of the financial accounts is conducted by the external audit, which renders a conclusion as to whether they accurately reflect the institute's financial situation. Each year income tax returns are submitted on a regular basis. So far there have been no major findings / objections. Minor errors or omissions & commission, when pointed out by the audit team are immediately corrected/ rectified & precautionary steps are taken to avoid recurrence of such errors in future.

Since the institution adheres to an effective system of internal controls, no expenses are made without adequate approval or sanction by the Head of the institution and the heads of the various departments. As a result, there are no audit objections.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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)

0

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

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

The Institution is self-financing, and students' tuition and admission fees are the main sources of funds. The institution has a clear system in place to track how effectively and efficiently the financial resources available are being used to build infrastructure and academic processes.

i) Institutional budget is prepared by management every year.

ii) Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.

iii) All the major financial decisions are taken by the Management.

#### Utilization of funds:

1. Institution adheres to utilization of budget approved for academic and administrative expenses by management.

2. After final approval of budget, the purchasing process is initiated by purchase committee which includes all head of departments and account officer. Accordingly the quotations called and after the negotiations purchase orders are placed.

3. The payments are released after delivery of the respective

goods. It is done as per the terms and conditions mentioned in purchase order.

4. All transactions have transparency through bills and vouchers. The bill payments are passed after testing and verification of items. Only authorized person operates the transaction through bank.

5. The entire process of the procurement of the material is monitored by the Maintenance and the accounts department.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.5 - Internal Quality Assurance System

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

The goal of IQAC is to create a mechanism for consciously, consistently, and catalytically enhancing institution performance. The work performed by IQAC is a step in the direction of internalizing and institutionalizing quality improvement.

The coordinator of the IQAC communicates with numerous officials to ensure proper implementation of IQAC and regularly updates the chairperson of IQAC on the status. The IQAC keeps track of its discussions and, if any improvements are needed, makes suggestions.

### Objectives of IQAC

- To develop a quality system for conscious, consistent and programmed action to improve the academic and administrative performance of the institution.
- To promote measures for driving institutional functioning towards quality enhancement and institutionalization of best practices.

### Strategies of IQAC

1. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
2. Equitable access to and affordability of academic programmes for various sections of society.
3. Optimization and integration of modern methods of teaching and learning.
4. The credibility of evaluation procedures.
5. Ensuring the adequacy, maintenance and functioning of the support structure and services.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 IQAC organized regular academic audits to ensure effective implementation of teaching learning process and maintenance of course files.

- Arrangement of special classes for slow learners.
- Identifying the new processes/delivery method and recommending the same for improving the quality.
- Collecting feedback from the students.
- Conducting faculty development programs and skill development training programs.

Example 1: Implementation of the Course files.

The objective planning of the teaching and learning process for each topic is done using the course files. The teachers review the requirements of course and make whether

every enrolled student has fulfilled them. After double-checking prerequisites, the teachers prepares lesson plan at the beginning of the semester. Each lesson's delivery method is carefully planned out by the teacher.

#### Example 2: Introduction of Value Added Course

In order to help students learn more about the subject matter and get hands-on experience, value-added courses were made available to them. A minimum of thirty hours of teaching is conducted. Upon successful completion of the course, students are issued a certificate

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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)**

**D. Any 1 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="http://www.brindavancollege.com/IQAC/IOACMOM2020-21.pdf">http://www.brindavancollege.com/IQAC/IOACMOM2020-21.pdf</a>
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## 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

Gender inclusivity is accorded highest priority and is embedded in the cultural ethos of Brindavan College of Engineering in line with the principle of gender equality enshrined in Indian Constitution which advocates for positive discrimination in favour of gender equality and women empowerment.

Women Welfare Committee organized talks on Women's health and wellness.

#### a) Gender Inclusion Plan:

Gender equity is ensured during admissions. Equal opportunities are provided to female students in all events and competitions. International women's day was celebrated on 8th March to acknowledge women for their services and make them feel proud and empowered.

#### b) Gender Specific Service:

##### Safety and security:

The campus, classrooms, corridors, seminar halls and other prominent locations (excluding private areas) are all under 24 hours CCTV surveillance.

Security guards are stationed to facilitate safe movement of female students and staff.

Separate hostel facility is available for ladies and gents.

##### Common Rooms:

Separate wash rooms are available for both male and female students. Adequate care and attention is ensured for female students and staff to ensure their safety, security and well-being.

##### Counseling:



Brindavan College of Engineering has a counseling cell. The cell counsels the female students upon request.

File Description	Documents
Annual gender sensitization action plan	<a href="http://www.brindavancollege.com/IOAC/GenderSensitizationActionPlan.pdf">http://www.brindavancollege.com/IOAC/GenderSensitizationActionPlan.pdf</a>
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	<a href="http://www.brindavancollege.com/IOAC/Specificfacilitiesprovidedforwomen.pdf">http://www.brindavancollege.com/IOAC/Specificfacilitiesprovidedforwomen.pdf</a>

**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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

- **Solid waste management**

The waste generated on campus is segregated into wet, dry, garden, sanitary and E-waste. Every floor is equipped with dustbins and All stakeholders are instructed to segregate waste and put in respective dustbins.

- **Liquid waste management**

The laundry liquid waste will be used for beautifying the landscape and garden.

- Biomedical waste management

Biomedical waste like discarded medicines, dressing bandages, plaster casts, material contaminated with blood, broken glass and others are all segregated and handed over to BBMP.

- E-waste management

All departments ensure to optimally utilize electronic resources available. Equipment which cannot be reused even after repair are dismantled.

- Waste recycling system

The Dry waste generated like papers and hard bound sheets are used by School of Architecture as raw material for their studio works, Portfolios. Staff members across campus reuse one side printed papers for rough work. Used Calendar, newspapers, paper rim, covers are used for binding registers and books

- Hazardous chemicals and radioactive waste management

Certain hazardous chemicals generated in the chemistry lab while conducting experiments at the Institution. Institution directs minimization of waste generation, usage of plastic containers as they are safe to store such waste materials and properly labeling them and keeping them closed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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**

**B. Any 3 of the above**

bodies and distribution system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of bicycles/ Battery-powered vehicles</li> <li>3. Pedestrian-friendly pathways</li> <li>4. Ban on use of plastic</li> <li>5. Landscaping</li> </ol>	<b>A. Any 4 or All of the above</b>
File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following</b> <ol style="list-style-type: none"> <li>1.Green audit</li> <li>2. Energy audit</li> <li>3.Environment audit</li> <li>4.Clean and green campus recognitions/awards</li> <li>5. Beyond the campus environmental promotional activities</li> </ol>	<b>C. Any 2 of the above</b>

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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).**

**Brindavan College Engineering has a wide array of diversities**

across students and staff members. The stakeholders at hail from diverse, socio-economic backgrounds, states, regions, localities, linguistic and cultural backgrounds. Activities are conducted on campus to ensure inclusivity of diverse population. Celebrates festivals of diverse cultures and regions to enable the stakeholders of the institution to appreciate diversity and imbibe values, traditions, customs and conventions associated with festivities.

Rakshabandhan was celebrated with BSF Jawans to show gratitude. Sweets were shared. Ayudha Pooja and other festivals are conducted to symbolize the cultural and regional diversities across India.

Navaratri Week: To celebrate the beauty of diverse colors, a week-long spectrum event is conducted during which the students and staff members follow a specific colour code for each day during the week.

Institute engages in social immersion, programs and activities like visiting orphanage, digital literacy campaigns for schools. To ensure inclusivity, equal opportunities are provided to primary stakeholders of the institute to participate in health awareness and health care activities. Also students from all backgrounds take part in the activities of various clubs, committees and other activities of the institution.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Brindavan College of Engineering motivates entire fraternity to be socially responsible. The VTU curriculum has a mandatory course on Constitution of India to create awareness and sensitize the students and employees about constitutional obligations. AICTE conducts workshops on Universal Human Values Cell to facilitate students to imbibe human values

which are very essential to live in harmony with all beings on earth fulfilling the principle of mutual coexistence.

In addition to Curriculum, the institute covers all modalities that could sensitize a person, awaken their conscience and develop an attitude of well-behaving and being responsible in society. World Environment Day is celebrated by planting trees to keep the campus green and create awareness of the Environment and the need for the younger generation's responsibility to restore the ecosystem. Independence Day is also celebrated to highlight the struggle for freedom and the importance of the Indian

SOP guidelines were prepared and circulated. Covid 19 detection camp and Vaccination drives have been conducted.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="http://www.brindavancollege.com/IQAC/InstitutiontotheConstitutionalObligations.pdf">http://www.brindavancollege.com/IQAC/InstitutiontotheConstitutionalObligations.pdf</a>
Any other relevant information	Nil

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

**4. Annual awareness programmes on Code of Conduct are organized**

**B. Any 3 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

International and National festivals and Commemorative days are celebrated at the Institute to create awareness among all the stakeholders about the noble ideals and ideologies behind them.

International Women's Day (March 8th) is celebrated a gesture of acknowledgment to women achievers, well accomplished women are invited to deliver motivational sessions and activities like yoga, meditation.

International Yoga Day (June 21st) is conducted to create awareness about integrating yoga practice as part of one's routine lifestyle for physical, mental, emotional and spiritual well-being of everyone.

Independence Day our national festival is celebrated on the campus each year during which administrators, students and staff members participate in flag hoisting

World Population day is celebrated focus attention on the urgency and importance of population issues. World Theatre day was celebrated to promote theatre and the dramatic arts.

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

## 7.2 - Best Practices

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

(A) Title : The Gift of Green

Objective:

- Dissemination of environmental literacy to motivate students, staff and society.
- Transformation of the campus into pollution free and environmentally friendly zone.
- To conserve water resources through rainwater harvesting.
- To use renewable energy resources (solar energy).
- Proper waste management.
- Planting and maintaining trees.
- To use renewable energy resources (solar energy).

(B) Title : Online Proctorial process

Objective:

Individual proctoring and counselling system is to facilitate the personal, academic, and social growth of students, identify their needs and give support accordingly. This system promises to monitor and encourage students in their growth and development.



File Description	Documents
Best practices in the Institutional website	<a href="http://www.brindavancollege.com/IQAC/7.2BestPractice.pdf">http://www.brindavancollege.com/IQAC/7.2BestPractice.pdf</a>
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

The main goal of Brindavan College of Engineering is to transform individuals and help them reach their full potential. The goal of the transformation process is to promote a student's overall growth. To ensure the holistic development, many interventions other than academic are adapted. We are constantly exploring, learning, improving and expanding a never-ending journey of bringing the unknown to the known. By leading our students and stakeholders on their purpose, we enhance our strengths, values, confidence, and leadership. Cognitive ability is the main emphasis of teaching and learning process. The institute creates awareness on social challenges and sustainable development in addition to effective skills. An Experiential learning method is followed to execute the interventions. The institute conducts events to bring awareness amongst students about various social issues and sustainability. Each department conducts various events on social causes under Institute Social Responsibility. The student volunteer teams are mentored by faculty members and the events are conducted.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	<a href="#">View File</a>

7.3.2 - Plan of action for the next academic year

- To organize Workshops / Seminars / Programs on Research Methodology, Intellectual Property Rights (IPR),
- To establish IPR Cell.
- To apply for financial assistance for carrying out Innovative projects.

- To Conduct International Conference.
- To make teaching-learning fun rather than fear, using innovative teaching methods
- To conduct internal and external academic and administrative audits

NAAC