



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution	
	BLDEAS VACHANA PITAMAHA DR. P. G. HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
• Name of the Head of the institution	Dr. Atul Ayare
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08352261120
• Mobile no	9168108103
• Registered e-mail	principal@bldeacet.ac.in
• Alternate e-mail	cv.momin@bldeacet.ac.in
• Address	Asharam Road
• City/Town	Vijayapura
• State/UT	Karnataka
• Pin Code	586103
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Visvesvaraya Technological University, Belagavi				
• Name of the IQAC Coordinator	Dr. Asif Iqbal Momin				
• Phone No.	08352261120				
• Alternate phone No.	08352261121				
• Mobile	9741727860				
• IQAC e-mail address	coordinator.iqac@bldeacet.ac.in				
• Alternate Email address	cv.momin@bldeacet.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://bldeacet.ac.in/iqac/				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://bldeacet.ac.in/academic-calendar/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.69	2018	26/09/2018	23/09/2023
6.Date of Establishment of IQAC			01/01/2018		
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	
BLDEACET/ME/ Shashikant Cholake	RGS/F	VGST	2021 one year	300000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of			View File		

IQAC		
9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1. Academic and Administrative Audit has been carried out. 2. Prepared a plan of action to improve admissions and also the quality of admissions. 3. Guidelines prepared for Online teaching learning during 2019-20 were followed for the year 2020-21 due to Covid-19. 4. Guidelines prepared for Online CIE Test during 2019-20 were followed for the year 2020-21 due to Covid-19.</p>		
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
To improve Mentoring process	Faculty members were in constant touch with students to solve their issues and help them with motivation during the pandemic.
To strengthen relationship with alumni by organizing alumni meet, inviting them as resource persons for seminar/workshop etc. and as chief guest for college functions.	a. Alumni helped to organize seminars, workshops, helped our students to undergo internship, to carryout final year project works. b. Our students are tagged with top alumni for getting guidance on career, internship, project etc.
Conducting test to identify the slow and advanced learners.	Faculty members identified slow and advanced learners. Remedial classes were engaged for slow learners to improve their result. For advanced learners, more opportunities were given for their career.
Academic and Administrative Audit	Internal Academic Audit was conducted by Institute Academic Affairs Committee and IQAC on 23rd to 28th November, 2020.

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

<ul style="list-style-type: none"> Name of the statutory body
--

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE
--

Year	Date of Submission
2021	15/02/2022

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	852
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	2530
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	250
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	750
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	195
File Description	Documents
Data Template	View File
3.2	195

Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	63
4.2 Total expenditure excluding salary during the year (INR in lakhs)	288
4.3 Total number of computers on campus for academic purposes	1063
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	
<p>Institute follows the following procedure for effective implementation of course Curriculum prescribed by VTU Belagavi.</p> <ul style="list-style-type: none"> • In the beginning of each semester, courses are allotted to faculty according to their specialization and competency of handling the courses. • The detailed Time Table is prepared by the HoD and the time table committee at department level. • Lesson plans of individual courses and their objectives along with course outcomes are prepared before the commencement of semester and made available to all students through Course Book. • Lecture Notes are prepared in advance and are checked by Module coordinators (Senior Faculty) and Academic Audit Committee members. • The Academic Calendar is prepared in line with VTU Academic calendar, by the Academic Coordinator in consultation with the Principal and it will be discussed and finalized in the HoDs 	

meeting. The same is made available to Faculty and Students before the commencement the Semester.

- Laboratory manuals are prepared and distributed to students so that they can get acquainted with procedure and correlate experiments with theory.
- Assignments and CIE Tests will be conducted as per the schedule of Academic Calendar.
- For effective teaching, LCD Projectors are made available in each Class room where the faculty can use ICT tools for effective teaching.
- Academic Progress will be monitored through Weekly Progress Report by the AcademicCoordinator and HoDs.
- Students' attendance, curriculum progress for the individual courses are maintained by each faculty with Attendance register.
- Course files are maintained by all faculty for the allotted courses, which contains, course objectives, course outcomes, syllabus, attainment of COs, POs through assignments, CIE Tests and End Semester Examination results.
- HoDs conduct the meetings regularly with staff members to ensure the completion of syllabus.
- Academic Affairs Committee conducts monthly meetings to review the Academic progress.
- Alternative arrangements are made for the classes, whenever any staff is on leave. They will complete the syllabus by conducting extra classes.
- Remedial classes are conducted for slow learners.
- Attendance of each student is monitored very strictly on weekly basis by HoD.
- 20 students are allotted to each staff for mentoring.
- If a student remains absent for three classes, the mentor will intimate the same to their parents.
- Students 'Feedback for Teaching Staff will be collected twice in a

semester, mid semester feedback collected by respective HoDs after Six Weeks from the commencement of semester and another one will be the End semester feedback collected by Academic Coordinator at the institute level. Both are analyzed and action will be taken. These feedbacks will the faculty to improve their performance in effective delivery of the curriculum.

- Faculty members are encouraged to participate in FDPs, STTPs, and workshops to update their domain knowledge.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

For every semester, Academic Coordinator prepares academic calendar in consultation with Principal and all HoDs. The academic calendar comprises the schedule for conducting all three Continuous Internal Evaluation (CIE) Tests. The Academic Coordinator ensures that the schedules of CIE tests are strictly followed. Time schedules for conducting CIE Tests will be given by Academic Coordinator to all Head of the Departments through Circular. Each department is having a coordinator for conducting Continuous Internal Evaluation Tests. He prepares the time table for each test as per the dates of academic calendar and time slots given by Academic Coordinator. Coordinator also assigns the duties of room invigilators to the faculty. Question Papers for CIE Tests will be prepared as per the guidelines issued by Academic Coordinator. As we are following OBE, the CIE test questions will be mapped against defined course outcomes, POs and Bloom's Taxonomy levels. Question Papers will be collected in advance by the Coordinator and will be given to the room invigilators 10 minute before the start of the Test. Tests will be conducted following all examination related rules of VTU. Academic Coordinator and all HoDs will monitor the conduct of CIE tests. The evaluation of test books will be done by respective course coordinators and the CIE test marks will be displayed within four days after conduct of CIE tests. The department coordinator will consolidate the CIE marks of all semesters. Performance analysis of students in CIE tests will be done by HoD and the report will be sent to institute academic coordinator. This process will be completed within four days of announcement of CIE marks.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://bldeacet.ac.in/academic-calendar/

<p>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</p>	<p>A. All of the above</p>
--	-----------------------------------

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

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

13

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

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

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

10

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

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

373

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

1.3 - Curriculum Enrichment

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

Our institute makes every effort to address and integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights. The affiliating University and AICTE issue guidelines from time to time to institutions. Those guidelines are implemented by the institute.

Gender

- Awareness programs are organized on Gender sensitization.
- Activities are conducted through NSS unit of the college for gender sensitization.
- Ours' is a co-education Institute.
- Each year technical fests are conducted by each department where both girls and boys participate.
- Inter departmental sports are organized.
- Both boys and girls are made members of various academic, co-

curricular and extracurricular activities.

- Sports Secretary and Cultural Secretary from girls are in Gymkhana Committee.
- Every year Women's' day is celebrated.

Climate Change and Environmental Education

- Awareness programs are conducted.
- Rain water harvesting system is there in our institute.
- Students also learn Environmental Studies subject in first year.
- Nature club is setup to create awareness about climate change and environmental protection. Tree plantation is also done by students.

Human Values and Professional Ethics

- Constitution of India, Professional Ethics and Human Rights, subject is made compulsory for students.
- Lectures by experts are arranged to enrich the students on human rights.
- The grievance redressal cell caters issues regarding Human Rights.

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

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

29

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

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

789

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

C. Any 2 of the above

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may

A. Feedback collected, analyzed

be classified as follows

and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://bldeacet.ac.in/igac/

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

614

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

614

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Identification of Slow and Advanced learners:

Each course coordinator shall identify Slow and Advanced learner in each course through a well-defined mechanism. The list of identified

Slow and Advanced learners with name and USN shall be submitted to HoD for each course. The course coordinator shall prepare action plan to improve the performance through extra coaching, counselling and innovative teaching methods. The track record of slow learners shall be maintained and documented by the course coordinator.

The HoD shall consolidate the list of such students semester wise and promote or nominate Advanced learner for attending competitive exams and other competitions organized by the institute and other colleges. Supporting or Special programs for slow learners-

- Regular remedial and tutorial classes are conducted Attendance of those students are maintained who will be attending remedial classes in particular course in which they are weak.
- Student's performance is reviewed after each CIE Test by faculty members to check academic improvement.
- If financial problems are reasons to discontinue, management supports such students.
- Faculty members try to find out reasons for poor performance in IA tests/ poor attendance.
- They are motivated through personal counseling.
- They are also motivated by Motivational talks.

Supporting or Special programs for advanced learners-

- The institute provides various facilities to them like-Merit students are given certificate and prize money so as to motivate them.
- They are nominated as General Secretary of the College.
- They are motivated and the staff helps them to participate in national level events.
- They are encouraged to take internships.
- They are given responsibilities to conduct national level tech fests where they acquire leadership skills.
- Motivational talks are arranged.
- They are motivated to take Mini Projects, KSCST sponsored Projects and Industry based projects.
- They are encouraged for higher studies and research and are coached for GATE exams.

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

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

Number of Students	Number of Teachers
2530	195

File Description	Documents
Any additional information	No File Uploaded

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

Experimental learning: The experimental learning involves engaging students to conduct experiments in laboratory and correlate with the theory studied in the class. Laboratory courses, Project Works, Mini Projects, Internships help the students to enhance learning experiences.

Participative learning: Participative learning improves the knowledge, understanding, communication skill and leadership qualities of students. The activities like Technical Fests, Seminars, Co-curricular and extracurricular events, Guest lectures from Industry People and Renowned Academicians conducted during the semesters will enhance learning experience of students. College has created several self-learning facilities such as digital reading materials, NPTEL Videos, EDUSAT, Language laboratory, and web courses for students to build their confidence. **Problem solving Methodologies:** Problem solving methodologies learning focuses on providing students an opportunity to identify and solve complex/different problems on their own or in a group. In this method faculty serve as tutor or facilitator. Tutorials (only for difficult subjects), Assignments, Project works, Seminars provide learning experience through problem solving methodologies.

File Description	Documents
Upload any additional information	No File Uploaded
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

The Institute gives more focus on nurturing the students to be self-learner and they are trained to pursue higher studies and research. Institute also follows Outcome Based Education(OBE) and initiated many innovative and creative teaching learning methods. Methods adopted by Institute (Initiatives by Institute) for Innovative and creativity in teaching-learning methods:

- ICT methods of teaching: All Class rooms are provided with LCD projectors, audio and video tools with internet facility. ICT method of teaching enables the students to visualize and understand the concepts clearly.
- Teaching through models
- Organizing inter college and intra college Technical Events
- Organizing workshops/training programs
- Group discussions at classroom level.
- Industrial visit and interactions with eminent personalities.
- Learning beyond the class room, through organizing study tours, field visits, internships.
- Entrepreneurship development cell is established in college where students are made to learn the skills of entrepreneur where they come up with new ideas.
- Faculties offer mini projects to students.
- Tech fest is conducted annually in each department where students themselves involve and execute the fests and learn the communication and leadership skills.
- Our Institute has been identified as an incubation center for Karnataka New Age Incubation Network for Entrepreneurship Development and Mentoring by Government of Karnataka. The program encourages entrepreneurship and innovation by giving first preference to students, research scholars and alumni of the college. The main program objective is to find innovation projects that solve local problems. For management of program and execution of the projects a sum of Rs. 40 lakhs will be provided to our college.
- Guest lecturers: Guest lectures are arranged regularly from Experts from Industry and Academicians from renowned Institutions, to help the students to update the latest Technologies and it also provides an opportunity to students to interact with resource persons and learn new things.

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

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

184

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

2.4 - Teacher Profile and Quality

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

195

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

23

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)	View File

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

2.4.3.1 - Total experience of full-time teachers

2729

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The reforms made by the Institute to improve the CIE system are as follows:

- The schedule for conducting CIE tests is fixed in the academic calendar.
- Question paper pattern for CBCS and Non CBCS system is made common for all programs.
- It is planned to cover entire syllabus in three tests.
- Portion to be covered for each test is fixed and is intimated to students in the beginning of each semester.
- Evaluation of CIE tests will be made within four days after each test.
- CIE test marks are displayed on notice board.

- Evaluated scripts are shown to students.
- CIE test marks disseminated to parents through SMS and through parents meet.
- Analysis of each CIE test is done department level and suitable action plan will be prepared to improve performance of students.
- Analysis is reviewed in the Academic Affairs Committee meeting.
- The quality of test questions is analyzed by all the staff members using test item analysis tool.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The internal tests are conducted as per the guidelines of VTU. The Department Coordinator of Internal Tests prepares the time table according to the schedule of Academic Calendar, and allots the duty of room supervision to the faculty for smooth and transparent conduct. This information is communicated to all staff and students through circulars and display on notice boards. The syllabus is divided into three portions i.e. first two modules for first CIE, next two modules for second CIE and fifth module and some portion from module 1 to 4 for third CIE. Question papers are set in line with the guide lines of the Institute. After each CIE evaluation is done within three to four working days and corrected booklets are shown to all students. If there are any discrepancies, they are addressed and corrections are made in the booklet and marks list. Assessment marks of the students sent to their parents through SMS. After all the tests average marks obtained is also shown to the students, and their signatures are taken before sending final marks to the University. Internal assessment of laboratory work is also very transparent, after each practical assessment is made and the end practical examination is conducted. Final internal assessment marks is based on the performance of all experiments and end practical examination.

File Description	Documents
Any additional information	No File Uploaded
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.

Program outcomes are stated as per the guidelines of NBA. Program specific outcomes are defined for program by the Head of the Department after thorough discussion with the senior faculty members of the department. They will be finalized in Department Advisory Board meeting. Program Outcomes and Program Specific Outcomes are displayed on website of the Institute and Departments. Also POs and PSOs are displayed in all class rooms and laboratories. They are also printed in Course Book which will be given to all the students. They will be circulated to the entire faculty by respective Head of the Department. Apart from this they are also communicated to students by the faculty in the class.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://bldeacet.ac.in/IQAC/#COPO
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Course Outcomes

The key aspects in Outcome-Based Education (OBE) are the assessment of course outcomes. At the initial stage of OBE implementation, the Course Outcomes (CO's) for each course are defined based on the Programme Outcome (PO's) and other requirements. At the end of each course, the COs needs to be assessed and evaluated, to check whether it has been attained or not. Assessment is one or more processes, carried out by the department, that identify, collect, and prepare data to evaluate the achievement of programme Outcomes. Attainment is the action or fact of achieving a standard result towards accomplishment of desired goals. Primarily attainment is the

standard of academic attainment as observed by test or examination result. Attainment of the COs can be measured directly.

Direct attainment basically displays the student's knowledge and skills from their performance. It can be determined from the performance of the students in all the relevant assessment instruments - like internal assessments, assignments, quiz, final project, technical seminar and final university examination. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

Each of COs evaluated are directly assessed under the following categories

Continuous Internal Evaluation (CIE) Test

Theory:

The Continuous Internal Evaluation marks in a theory paper shall be based on three tests generally conducted at the end of 6, 10 and 14 weeks of each semester. An improvement test may be conducted for the desirous students before the end of the semester to give an opportunity to such students to improve their Continuous Internal Evaluation Marks. It is a metric to continuously assess the attainment of course outcomes w.r.t course objectives. Out of total CIE marks 25% weightage is awarded by evaluation of assignments, unit tests, quizzes which support to cover the attainment of course outcomes. Average of the all three CIE and assignments shall be the final Internal Assessment Marks for the respective course.

Defined COs for course are mapped with the CIE question paper and assignments for direct assessment based on the performance of students.

The attainment levels defined for individual course are considered as the target for each course. After the Internal assessment evaluation, the marks obtained by individual student in three consecutive Internals are considered and tabulated. After the tabulation, the count of COs is taken and percentage level of target attained is calculated for student's performance. After the tabulation of CO count, COs are mapped with the PO table to attain the required target.

Practical's:

The Continuous Internal Evaluation marks for practical's is assessed

on cumulative of weekly submitted journals, conducting experiment at laboratories and viva voce. COs defined for respective practicals are mapped to list of experiment conducted and final assessment is done based on the performance of students.

Semester End Examination (SEE)

Semester end examination (theory and practical) are the metric to assess whether all the course outcomes are attained or not. Semester Examination is more focused on attainment of course outcomes and uses a descriptive exam conducted by university. Based on students' performance in SEE, attainment of all COs is assessed directly.

Technical seminar

One technical seminar will be conducted for all student in the 8th semester by a committee consisting of the Head of the Department and three other faculty members of the department whom shall be inclusive of respective seminar guides, Seminar Coordinator(s) and expertise faculty related to seminar topic. Seminar topic shall be selected from the emerging technical areas by the students under guidance of faculty.

The Seminar Coordinator(s) announces the final schedule for report submission and presentation of individual student, based on which assessment is done considering below mentioned criteria.

1. Topic selection
2. Clarity and organizing presentation
3. Understanding concepts
4. Answering queries, during the presentation
5. Technical Seminar Report submitted.

Criteria

Marks

Clarity in presentation

10 Marks

Understanding concepts

10 Marks

Organizing the presentation

10 Marks

Report in-time submission and Completeness of the report

10 Marks

Interaction during presentation (Answering queries)

10 Marks

Total marks

50 Marks

Project Work - Viva voce

Project work selection of students and their guidance by faculty

Students are given the freedom to choose the different areas of Civil Engineering in which they are interested to carry out the projects during 7th and 8th semester. Students with similar areas of interests are allowed to form a group of maximum 4 members.

Student batches will be approaching to the guides based on the specialization and Expertise of the faculty for the project guidance. Students will be eventually guided every fortnight step form the beginning of literature survey, problem identification, problem set up, methodologies for problem evaluation etc.

Project Evaluation

Project evaluation is done in two phases by respective guide, project evaluation coordinator and one more faculty of same area of expertise.

Phase-I Evaluation

The students have to give presentation on the progress of project work including fine-tuned synopsis, literature review, problem statement, methodology adopted for execution, and percentage of completion of the project work.

Phase-II Evaluation

The students have to give presentation on the progress of project work after phase 1, along with end results / demonstration /

expected results or outcome of the project work. The project will be evaluated by the committee and awarded marks based on their presentation skills, team involvement, methodologies used, test cases, results analysis, conclusion drawn and final documented report.

Sl. No.

Particulars

Max. Marks

1

Relevance of the subject in the present context

10

2

Literature Survey

10

3

Problem formulation

10

4

Experimental observation / theoretical modelling

10

5

Results - Presentation & Discussion

10

6

Conclusions and scope for future work

10

7

Overall presentation of the Thesis/Oral presentation

40

Total Marks

100

Below said attainment levels are considered in all methods of assessment.

Attainment Level 1: 40% Students scoring more than 60% marks out of the relevant maximum marks is considered to be attainment level of "1"

Attainment Level 2: 41%-59% Students scoring more than 60% marks out of the relevant maximum marks is considered to be attainment level of "2"

Attainment Level 3: 60% Students scoring more than 60% marks out of the relevant maximum marks is considered to be attainment level of "3"

Attainment of Program Outcomes and Program Specific Outcomes

Evaluation of attainment of PO's and PSO's is based on based on students' performance in internal assessments technical seminar, project work and university exams.

Performance of the students in internal assessments and university exams will lead to the attainment of Course Outcomes'. Course Outcomes of a particular subject will be mapped to the relevant POs in the scale of 3, 2, and 1. Attainment for particular Program Outcome is calculated by taking weighted average of all course outcome attainment addressing that particular PO. Similar calculation will be done for all the POs and for every subject. The PO attainment for a batch of students will be calculated by taking the sum of all attainments for a particular PO and dividing by the number of courses mapped to the same PO.

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

934

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<http://bldeacet.ac.in/wp-content/uploads/2022/03/2020-21-Students-exit-feedback-with-action-taken-report.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)

300000

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

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

3.1.2.1 - Number of teachers recognized as research guides

23

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

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://www.vgst.in/organization.php

3.2 - Innovation Ecosystem

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

KBITS Incubation Centre at BLDEA's V. P. Dr. P. G. Halakatti College of Engineering & Technology, Bijapur The IT Incubation Centre would

foster a platform for the engineering students with innovative and smart ideas and avail the necessary support for its successful completion. It looks forward to the participation of innovative students, alumni and research scholars from BLDEA's V. P. Dr. P. G. Halakatti College of Engineering & Technology, and also the local entrepreneurs in and around the Bijapur, to be a part of this venture to get wide knowledge on financial, technical and marketing assistance provided by governmental and non-governmental agencies. It'll act as a platform for budding student entrepreneurs to; Meet successful students- turned- entrepreneurs, Get information and suggestions to make your ideas a reality, Connect with mentor opportunities and learn about entrepreneurial resources and education programs. Our Mission Promote entrepreneurial leadership across all disciplines, facilitate entrepreneurial activity amongst students, and invite entrepreneurs to use Incubation Center services so as to develop end products for commercialization. Our objectives are: The main objective of the scheme is to encourage students, research scholars and alumni to share their ideas to solve chosen problems which are local centric and to validate, refine and nurture the ideas. Incubation center shall provide an ecosystem to convert the ideas into proof of concept and upgrade them to a level of commercial value. Promotion of technology based new enterprises Creating value added jobs and services After successful incubation, encourage and lead the teams towards setting up a business enterprise. Providing support services to entrepreneurs. Physical Infrastructure consists of Personal Computers, Internet connection, Printer/Photocopier/Scanner, Meeting/Conference room with projection equipment, Library, Faculty mentoring is available.

Admission to Incubation Centre & Eligibility IT Incubation Centre is open to anyone who wants to make a difference. However, students of BLDEA's college of Engineering and Technology, both past and present will be given a preference in terms of priority of admission into the incubator and charges as running cost of the incubator. The incubator is also open to faculty from BLDEA's college of Engineering and Technology. Applicants must fulfill above criteria for making an admission in the IT Incubation Centre, for incubation programme. In last 3 years we've incubated 30 student ideas and implemented 10 prototype models, and also two startups (PVK Tech Solutions & Innoovatum) have been registered from the incubated projects/ideas.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://bldeacet.ac.in/nain-vijayapura/

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	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

12

File Description	Documents
URL to the research page on HEI website	http://bldeacet.ac.in/research-development/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	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

63

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

56

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute is incessantly organizing a number of outreach activities which relate to academic, social, cultural, community service, adventure, etc., and all culminating in building a healthy society contributing to nation building. The institute with the help of many voluntary organizations and NGOs organizes the outreach programs. The institute has conducted several blood donation camps and tree plantations. The expenditures for the same are generally borne by institute. The institute management always motivates student's participation in social activities and drives for adhering to ethical values. All students on admission shall enroll in any one of the extension activities like drive against pollution, social awareness, blood donation, flood victim relief operations and adopting schools in the nearby rural area through the departmental student's associations. Students' association organizes various meetings on Human Rights, rallies of important issues such as AIDS awareness, National Integration, Environmental protection. The institute ensures holistic environment amongst the students as well as staff to make them responsible citizens. The institute is conscious of its role in campus community connection, wellbeing of

its neighborhood community and has initiated a number of community development activities. These activities includes, Involving students in blood donation camps. Making the college playground available to neighboring communities on weekends and allowing for hosting sports to nearby institutions. Conducting the flag hoisting at national festival involving the local government authorities and guests. Organize computer literacy programmes for school children. Quality check for the road construction Basava Jyoti - Model village Project - A model village is community based initiative for welfare of society aiming to provide basic facilities like sanitation, drinking water, drainage, road and other public related services to improve socio- Economic condition of the village and making itself - sustainable. Technical opine report - submitted technical opine report to Deputy Commissioner for reconstruction of roads under master plan of Vijayapur city. City wall painting during world Architect day. The college through its extension activities promotes and imbibes students with social justice and responsibility. The active participation of students in social service activities gives them an opportunity to understand the life style and standard of living of the underprivileged and their not so well to do peers thereby instilling a feeling of empathy and courteousness. The following programmes are conducted by the college as part of extension activity: AIDS awareness lectures. Awareness programmes on ill effects of Tobacco/Gutka. Tree plantation programmes, clean and green programmes, creating awareness about protection of environment are taken up by the volunteers. Participation of volunteers in blood donation Camps. On regular basis cultural competitions are held on the campus for all the local colleges to participate and there is a good response to such programs by the local community. Organize computer literacy programmes for school childrens. Plantation programme- Blind School Ashram road, Vijayapur

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

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	No File Uploaded
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

12

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

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

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

448

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

9

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

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

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

12

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has adequate facilities for teaching-learning, viz., classrooms, laboratories, computing equipment etc. Institute has adequate classrooms, which are utilized for the conduct of classes during working hours as well as for tutorial classes and remedial

classes. Most of the class-rooms are equipped with LCD / LED projectors. Each department has Laboratories as per the requirements of AICTE norms. The laboratories are well equipped with equipment, computing facilities and softwares as per the need of VTU curriculum. Institute has separate workshop with machine shop, carpentry section, smithy, sheet metal section, and two Drawing halls. Institute has 1065 Computers distributed among different Departments. Institute has subscribed to the Internet connection of 160Mbps Leased line. Most of the PCs are connected to internet either through wired or wireless connections. Institute has Central Library with more than 86,575 volumes of books of 22,550 titles. Students and faculty member can have access to these books. The library reading room has seating capacity of 450. Students can get the books issued periodically. The central library and the reading rooms remain open up to 8:00 p.m. Besides, Department libraries are in place in each Department, which can provide additional books to the students. Institute has Digital Library with subscriptions to many e-resources (e-journals/periodicals). It also has a Language laboratory which enables students to upgrade their English language skills. Institute has seminar halls and an auditorium, which are used for conducting guest lectures, conferences, technical symposiums, etc.

File Description	Documents
Upload any additional information	No File Uploaded
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.

The institution has adequate facilities for sports, games and cultural activities: Sports ground for outdoor games, Gymnasium room, Sports room for indoor games, spaces for cultural activities and Cultural cell, Open Air Theatre, Yoga and meditation Center, and Multi-utility Cultural hall. Besides, each Department has a seminar hall that can be used by cultural team for events like intra-group quiz, debate, easy competition etc. The institute organizes various activities under Cultural cell which include: Independence Day celebration, Republic Day celebration, Gandhi Jayanti, Lal Bahaudar Shastri jayanti, Ambedkar Jayanti, and celebration of birth anniversaries of prominent freedom fighters. National level student

youth FEST, Orientation programs and freshers day program to first year students, Annual social gathering, Farewell function to outgoing students, Prize distribution function, Engineers' day, Teachers' day, Women's day celebration etc. are also organized at our institute. The facilities for Sports and Cultural events include: Auditorium & Seminar room

1. The institute has its first a fully air conditioned auditorium having 600 seating capacity.
2. The institute has its second a fully air conditioned seminar room with seating capacity of 200
3. Open Air Theater with 2500 sitting capacity
4. Around 6 seminar halls in Departments.
5. Group Discussion (GD) room
6. Multi-Utility Cultural Hall

Sports and cultural uniforms and materials

1. Sports kits are provided.
2. Sports materials for Cricket, Hockey, Volley Ball, and Football etc. is provided.

Extra-curricular and co-curricular activities are conducted by the Institute every year. Cultural and Sports committee. Details of the activities are as follows-

Sl. No Name of the Activity 1 Chess 2 Table Tennis 3 Shuttle Badminton 4 Cricket 5 Volley Ball 6 Football 7 Basketball 8 Kho-Kho 9 Kabaddi 10 Hockey 11 Handball 12 Weightlifting 13 Athletes 14 Throw ball 15 Lawn Tennis

Cultural & other activities details Cultural program Sambhrama is an annual "Cultural Fest" celebrated during April/May. During this fest various cultural and sports events are organized. Winners are felicitated on the day of Sambhrama. All these events will be conducted during annual cultural week, Students and staff will be involved in all the events. Around 500 winners from various events will be given special prizes. The department with highest winning will be considered as the champions of the year in Cultural activities. Dance Western Solo dance, Western Group dance, Tribal dance, Folk dance, Indian Classical dance, Contemporary dance, Disco / electronic dance. Music Hindustani Classical music, Western music, Rock bands, Different Instrument players, Jugal-bandhi etc. Theater Drama, One act play, Mime, Skit, mono acting, etc Fine arts Rangoli, Pencil sketching, Cartooning, Clay modeling, Spot painting, Collage, Installation, etc Literary Debate, Quiz, Elocution, IT-Quiz, Logo

quiz etc Other Activities Independence day and Republic day Every year as part of Independence day college conduct events like Debate, Elocution, patriotic singing, Drawing etc.. on the eve of independence day college organizes plantation, Swachha Bharat mission, etc Kannada Rajyotsava Events related to Kannada Culture are celebrated to mark the birth of State of Karnataka on November 1st of every year. Intercollegiate Technical Fest-

INVICTUS Invictus ia a two day National Level Technical Fest organised by the Institute during Feb/March of every year. Various technical events such as technical quiz, programming, paper presentation etc are organised by all the departments. Students from neighboring stated and districts of Karnataka participate in the event.

Fresher's day

Welcomes all the newly admitted students to college, All the parents of the newly admittedstudents will be present at the event to take a college tour.

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

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

70

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/drive/folders/1Bi2kfsee0ZyqiMMfHMncaN81RhCK7P1H?usp=sharing
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

Lakhs)

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

288

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The Library and Information Centre is completely automated with NGL NewGen Library (version CoreEngine Discover 3.1.4) software in the year 2015. The entire collection of the library is updated in the Database, and also bar-coded to the entire collection. For students and staff OPAC (Open Public Access Catalogue) is provided, it acts as a gateway of the library. The book can be searched by author, title or any key word etc. Apart from OPAC WEB OPAC (Web enabled Online Public Access Catalogue) is also installed. With the help of this students can search, reserve the books by seating in any corner of the campus. Nature of automation- Library is fully automated. Version- NGL Core Engine version 3.1.4 Discover.

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

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

36.75

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

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

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

70

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The institute frequently updates its IT facilities such as computers and peripherals, internet and Wi-Fi facilities very year as and when required.

In 2020-21, following upgrades has been made

1. Additional of 30Mbps Internet Bandwidth.
2. Wi-Fi facility in Class Room Complex (CRC) building.
3. Additional 3-Printers.

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

4.3.2 - Number of Computers

1063

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

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	View File

4.4 - Maintenance of Campus Infrastructure

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

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

104.1759

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Newgen ILMS has the Web Enabled OPAC facility for easy access of materials to the stakeholders of the institute out side campus. Through this facility users can search books and journal, renewal for borrowed books, new arrival for the month etc. Users are receiving Email and SMS alert facility for their transaction. This facility saves the time of users and library staff. It is satisfying the fourth law of library science 'Save the time of users/staff'.

Equipments: All Equipments of all laboratories in the departments are well maintained to run experiments as per curriculum in a systematic manner by Institute fund. The major equipment's are calibrated every year during vacations (or as and when required by departments) for precise measurement. Repair is carried out if any faults are detected. Also, a qualified team of technical staff is available for maintenance and networking facilities of computers. The major steps taken for location, upkeep and maintenance of sensitive equipments are as follows:

1. Provision of UPS to ensure constant power supply.
2. Provision of generator-set for uninterrupted power supply.
3. Some of the staff members are given the responsibility for supervision of maintenance works.
4. The college has one permanent staff member for general electrical maintenance and maintenance of generator on a regular basis.
5. All laboratory instruments are serviced on a regular basis. When need arises qualified personnel are called for servicing.
6. Institute has 24 hours water supply connection from the corporation. The corporation water is collected at underground tank at hostel. The collected water is lifted to different part of the institute by 3HP and 5HP pumps. The hydraulics and hydraulic machinery lab will receive water from hostel and it is stored first at underground tank, then the stored water is

lifted to overhead tanks for carrying out the lab experiments. The institute has got overhead tanks at places of RO plant, lavatories, labs etc. to meet the required water demand. All overhead and underground tanks are cleaned once in 2 months. Pump maintenance is done as and when required.

7. MCBs have been installed in locations where sensitive equipment's are located.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://bldeacet.ac.in/wp-content/uploads/2019/12/Support_facilities.pdf

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

2266

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

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

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	http://bldeacet.ac.in/
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1370

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

1370

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

B. Any 3 of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

284

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

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

5.2.2.1 - Number of outgoing student progression to higher education

23

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

2

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

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
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)

There is an active Student Council & representation of students on academic & administrative bodies/committees of the institution as follows.

Sports Secretary (Men and Women)- takes care of sports activities

Cultural Secretary (Men and Women)

General Secretary- takes care of all co- curricular, extracurricular and cultural activities.

Student representative is also taken in all department affairs.

Sports Secretary is selected every year based on their participation and achievements in sports.

The institute academic topper is selected as General Secretary.

The institute has also academic and administrative bodies that have student representatives on them.

Academic: Department Advisory Board Administrative:

1. Anti-Ragging committee 2. Cultural Committee 3. Technical Festival Committee 4. Canteen Committee 5. Sports Committee

File Description	Documents
Paste link for additional information	http://bldeacet.ac.in/about-us/antiraggingharassment/
Upload any additional information	No File Uploaded

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	No File Uploaded
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 institute has a registered Alumni Association which contributes significantly to the development of the institution through non financial means. Every year the meeting of alumni is called by different departments and valuable suggestions are collected and discussed. Special meeting is also arranged for a range of batches of alumni, as per the demand of alumni. The institute is in touch with all the alumni through social network site such as Facebook ,Whatsapp etc. Alumni's are invited as Chief guest during Annual gathering and Fresher's Day celebration to present their experience. They are also invited as guest lecturers from all departments regularly.

File Description	Documents
Paste link for additional information	https://alumni.bldeacet.ac.in/
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision and Mission of the Institute: Vision and Mission statements of the institute are defined keeping in view the objectives of the founder members of the BLDE Association.

Vision: To Emerge as a Widely Acknowledged Centre in Technical Education and Research to Cater the Need of Society with a Futuristic Outlook.

Mission: To enrich students with the essence of science and engineering knowledge, professional ethics and social values. To instill creativity and research temperament to teach the greater heights of professional success.

Governance: The organizational structure of the institute is as shown in Figure 6.1.1, (given in additional information). The governing policies, rules and regulations for the institutions coming under the umbrella of BLDE Association are framed/ revised by the management of BLDE Association. The Chief Administrative Officer and Administrative Officer (for professional colleges) frame/ revise policies for the institutions and are approved by the President of BLDE Association. The framed policies are implemented at the institute level under the supervision of Principal, Vice-Principal and other stake holders. Any additional policies that are necessary to realize the institutional vision & mission are framed at institution and the approval is obtained by the President of BLDE

Association. The dynamic and visionary President and Board of Directors of the Association formulate/revise new policies/existing policies to suit the present trends in education system and for the benefit of the stake holders. Various committees such as Academic, R&D, Admissions, Library, Hostel & Canteen, Student Welfare, Grievance Redressal, Anti Ragging etc. are formed as a part of decentralization and to effectively manage various activities. Teachers of Professor, Associate Professor and Assistant Professor cadre are on various committees as chairman/members. Supporting staff and student members are also included in various committees. Some of the perspective plans which are implemented:

1. Establishment of Centers of Excellence (at least one in each department) to deliver add-on courses to students in emerging areas. Bosch-Rexroth Centre established at a cost of Rs. 1.25 Crore. Intel-FICE Embedded Systems Laboratory at a cost of Rs. 5.00 Lakh are just few centers to name.
2. Research funds (as a seed money) is being provided to prospective young faculty members to start research in upcoming areas of science, engineering and technology
3. Fee-waiver scheme for meritorious student

File Description	Documents
Paste link for additional information	http://bldeacet.ac.in/
Upload any additional information	No File Uploaded

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

Yes, the Institution Organizational Structure shown in Figure 6.1.2, (given in additional information) indicates the participation of all the members in the management of institution affairs. Similarly, Figure (6.1.2) (given in additional information) shows the various committees formed at institute level. All the employees are given equal opportunity to participate in all levels of management. The meetings at management level are held regularly to take stock of academics, administrative and maintenance & developmental activities to implement the policies and also to suggest measures / make recommendations to the Governing Body for better action in the respective areas. As per the Institution Organizational Structure all the members participate in the management of institution affairs. Various committees are also formed at institute level. All the employees are given equal opportunity to participate in all

levels of management. Staff members (teaching and nonteaching) are included as members of various committees such as academic, administrative, RD and Training and placement. Meetings are conducted on regular basis to discuss on various matters of the institute and department. Staff suggestions are invited and if feasible are implemented. Every month department meetings are held under the chairmanship of head of the department (HoD) where internal things are discussed and the HoD collects the suggestions from the faculties and present it in HoD's meeting which is held every month under the Principal as its Chairman. The meetings at management level are held regularly to take stock of academics, administrative and maintenance developmental activities to implement the policies and also to suggest measures / make recommendations to the Governing Body for better action in the respective areas.

Students Affairs committee:

Students Affairs committee constituted in the institute includes teaching staff, nonteaching staff and students (male and female). The committee responsibility is to look in to various student affairs such as sports, cultural, hostel and canteen, food quality, cleanliness, safety, facilities and student code of conduct. Regular meetings are conducted to take stock of the affairs.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes, the institute has perspective plan for development. The institution takes effort in finding the key performance indicators from various perspectives for performance assessment and development.

1. It addresses the various issues from the stake holder perspective and takes steps to fulfill the requirements of its students, their parents, employer community etc. The institution has an active placement cell addressing the training and campus placements.
2. Improvement in teaching-learning process by incorporating innovative teaching methodologies, ICT tools, creating a

conducive learning environment.

3. There is also a perspective plan to provide an Tobacco free campus
4. The plan includes the programs for faculty development and student development.
5. The plan also includes the provision for getting Autonomous status, introducing new PG programs, improving placement activities, strengthening of infrastructure for research activities and motivating the faculty members towards Research, Consultancy, filing Patents, Higher studies etc.

One example of perspective development plan: This is related to strengthening of research and development activities. This includes increasing the number of quality research publications in peer reviewed journals, participation by faculty members in international conferences to present their research papers, fetching more grants from various funding agencies and filing patents. A plan was prepared by the research and development committee. The committee organized many workshops on writing research proposals, writing a good paper, awareness on intellectual property rights. Experts from other institutions were invited to provide guidance on above. As a result, the number of publications by our faculty has increased from 25% (in 2016-17) to 45% (in 2020-21). Similarly, the number of grants received from various funding agencies shot from Rs. 56.00 Lakh(in 2016-17) to Rs. 65 Lakh (2018-19).

Quality improvement strategies-

Strategy Type Details Curriculum Development

1. Lecture Notes for all Modules/ Units should be ready at least one week before commencement of each semester. Digitized or neatly hand written notes must be uploaded on Institute/Department web.
2. Lessonplan must be prepared meticulously, with the objective of improving passing percentage and attaining the set targets of COs and POs.
3. Proper action plan must be prepared by the teaching staff to improve results. (To increase passing and FCDs/FCs)

Teaching and Learning

1. Modules/ Units should be covered as per the order of lesson plan.
2. For difficult subjects provision for one additional class per week should be made in the time table.

3. Innovative teaching learning methods must be adopted by each faculty for active learning.
4. Slow learners and advanced learners must be identified at the beginning of each semester.
5. Remedial classes for slow learners must be conducted.
6. For each course, list of slow learners must be prepared after each test and at the end of each semester improvements as a result of
7. action plan must be shown.
8. For Advanced learner's encouragement should be given to get ranks at VTU level. (NPTEL Courses as a part of assignment, Mini Projects, Providing facilities to work beyond college hours etc.)
9. Weekly progress report (completed in all respects) should be sent to the Academic Coordinator, on every Tuesday before 12.00noon.
10. Weekly attendance report of students should be sent to the parents through SMS on every Monday.
11. SMS to the parents regarding the CIE marks should be sent within 5 days after each CIE test.
12. Portion coverage must be: before first CIE Test first two modules, before second CIE Test next two modules and before last test fifth module.

Examination and Evaluation

1. CIE tests should be conducted as per the schedule of Academic Calendar.
2. Question paper for CIE Test should be same for all divisions and it should be in line with institute guide lines.
3. Evaluation of test books and uploading of marks in the software should be done within four days after each test.
4. After each CIE Test, HoDs should submit test analysis report within five days after each test.
5. Each assignment should be corrected and returned to students' at least four days before each test.
6. Three assignments are compulsory.
7. Assessment of Course Outcomes at the end of each semester, in line with institute guide lines is mandatory.
8. It is mandatory on the part of all departments to organize at least one value added course and one certificate course.(preferably during vacation/after college hours)
9. Students' feedback must be taken by HoDs in the fourth week after commencement of semester. Analysis and action taken report must be submitted to the Academic Coordinator in the fifth week.

10. Monitoring the students' attendance and academic progress must be done very strictly from first week onwards. Every fifteen days, academic progress report of the department and mentoring report of students whose attendance is poor must be submitted to the Academic Coordinator.

Research and Development

1. Awareness among faculties about funding agencies and writing proposals will be conducted frequently (One of them is conducted on 25/05/2019). Faculties with PhD will be encouraged to submit proposals to VGST, DST, AICTE, DRDO etc.
2. For young faculty seed money from institute will be granted as per HR policies to start their basic research work the proposal will be invited during Jun/Jul 2019. Institute research committee will evaluate proposals and finalized proposals will be forwarded for approval from higher authority.
3. To avoid publication in predatory journals and to have uniform affiliation a proper channel has been made.
4. As per suggestion by research advisory committee, Agriculture field has been announced as thrust research area of the institute and priority under seed grant will be given to proposals addressing agriculture.
5. R D cell is planning to organize national level conference focusing on the various issues pertaining to agriculture.
6. IPR workshop will be conducted during Aug 2019 for both students and staff to create awareness about IPR.
7. To bridge the gap between industrial needs and academic curriculum, R D cell is focusing on having MOU's with various industries through respective departments.
8. R D cell aims at providing valuable technical guidance to the requirements of the industries/companies.

Library, ICT and Physical Infrastructure / Instrumentation

Library

1. Conduct Information Literacy and Induction Programme frequently to create awareness among the users about the library services and facilities.
2. To Increase the quality collections in the library and steps taken for optimum use of available collections.
3. Introduce quality based library services to the stakeholders of the institute.
4. Implement best practices to enhance the usage of EResources in

the campus

5. Introduce feedback system to understand the users need and measures to be taken to resolve the issues if any.
6. Extend Research support services to the academic community.

IT Infrastructure and ICT IT Infrastructures

1. Installation of managed Campus Network comprising of L2 and L3 switches, dedicated server for managing the Network and extending WiFifacilities throughout the Campus.
2. Enhance the Bandwidth of Internet to 200 Mbps.
3. Installation of Digital Display boards.
4. Establishment of a Computer Centre with 100 Desktop PCs in Library building, to enable Students to have access to Eresources and can work beyond office hours. Placement training and recruitments. Conduction of online workshops.
5. Up gradation of the licenses of all the Software, in all Depts.
6. Promote usage of Free and Open Source Software (which is done through VTUFOSS)

ICTTools

1. Installation of LED projectors in all Classrooms and Laboratories.
2. Bring awareness among faculty about the usage of ICT Tools for betterment of Teaching Learning process by organizing Workshops.
3. Encourage staff members to use ICT Tools: WordPress, Google forms, Google Classroom, Moodle etc.
4. Facilities for developing econtents (Video Lectures)

Admission of Students

1. Conduct science exhibitions for P.U. students.
2. Visit P.U. Colleges and present the salient features, placement details and fee concession schemes of our institute to the students.
3. Visit degree Colleges and present the salient features, placement details of our institute to the students. (M.C.A M.B.A)
4. Conduct one week training program for B.C.A students of various colleges.
5. Our institute has received AAA grade from Career360 which should be put in all advertisements.
6. Sending advertisements for S.K. Publications- Best colleges in

Karnataka. This issue has maximum readers.

7. Collecting database of P.U pass out students and sending SMS to them regarding admission in our Institute.
8. Display banners at various places.
9. Distribute pamphlets at all CET exam centres.
10. Advertisement are given in Times of India, Deccan Herald, Prajavani and Vijaya Karnataka.
11. Distributing pamphlets in Shahapur, Surpur and Yadgir cities.
12. Open option entry helpline centre in our Institute for free option entry.
13. Send voice messages to PU students

Industry Interaction / Collaboration To bridge the gap between industrial needs and academic curriculum, R D cell is focusing on having MOU's with various industries through respective departments. R D cell aims at providing valuable technical guidance to the requirements of the industries/companies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://bldeacet.ac.in/wp-content/uploads/2022/03/Quality-Improvement-Strategies-2020-21.pdf
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.

Position

Functions

President, Governing

Council

- Frame directive principles and policies.
- Amend and approve policies from time to time
- Approve budgets

Principal

- Design & define organization structure.
- Define delegate responsibilities of various positions in the organization
- Ensure periodic monitoring & evaluation of various processes & sub- processes
- Ensure effective purchase procedure
- Define quality policy and objectives
- Prepare annual budget
- Conduct periodic meeting of various bodies such as Governing Council, Standing Committee, and Grievances Redressal Committee etc.
- Employee recruitment process
- Setting up key performance indicators

Institute Advisory Board

(BoG)

- Define Mission, Vision, Long term and Short term goals,
- Frame policies that help the institute in achieving expected quality.

Coordinator Administrative affairs

- Help Principal in administrative activities
- Look after AICTE and VTU related matters
- To assist Principal in preparing budget, analysis of revenue -expenditure
- To bring in quality at all levels of administration
- To implement Standard Operating Procedures
- To look after the functioning of academic, training & placement and R&D cells
- Team building

Coordinator for

Admissions:

- Action plan for attracting talented inputs
- Execute the admission process
- Frame strategies to improve admission status in consultation with

Principal and AO

- Arrange campaigns outside the state
- Design and print admission brochure
- Publicity of events
- Team building

Coordinator for

Research and

Development

- Establishing Research Ambience
- Industry Institute Interactions
- Incubation Centers
- Externally funded research
- Collaborative research
- Promoting publications
- Workshops / Seminars
- Strengthening research centre(s)

Coordinator for

Academics

- Innovative Teaching Learning Methods
- Effective delivery of curriculum
- University Result Analysis
- Targets and Benchmarking
- Action plan for high risk subjects
- Academic Excellence Action plans
- Academic reforms
- Action plan for backloggers
- Prepare and execute academic calendar
- Oversee the teaching-learning process
- Initiate supplementary teaching measures

Coordinator for

Training and

Placement

- Enhancing Student Employability
- Placement Networking
- Identifying training needs of students
- Value Added Training Programs
- Organizing training programs for students (aptitude, technical, communication etc.)
- Arrange campus interviews
- Proposing annual T & P budget

I/C Alumni Association

- Ensure alumni registration
- Prepare alumni news letter
- Arrange Alumni meet at institute and other Alumni chapters
- Proposing annual budget for the alumni activities

I/C Workshop

- Smooth running of college workshop
- Preparing Material Requirement
- Proposing budget for the workshop

I/C Entrepreneurship Development Cell

- Notify the students about various Entrepreneurship Development programs
- Arrange Entrepreneurship Development Programs

Administrative

Officer

- Service Books
- Faculty personal files
- Recruitment process
- Maintain minutes of meeting (all)
- Co - ordinate day to day activities of office
- Purchase process
- Annual College budget

I/C Library

- Plan and execute modus operandi of routine activity of the library
- Plan and propose expansion / development
- Maintain library discipline and culture
- Prepare annual budget for library

I/C Sports and Gymkhana

- Ensure smooth conduct of sports
- Ensure proper use of gym
- Purchasing of sport items
- Encourage students to participate in zonal tournaments
- Creation and upkeep of sports facilities
- Proposing annual budget

Head of

Department

- Plan and execute academic activities of the department
- Maintain discipline and culture in the department
- Maintain the department neat and clean
- Pick and promote strengths of students / faculty / staff
- Monitor academic activities of the department
- Propose Department Budget
- Adhere to QMS Procedures
- Maintain records of departmental activities and achievements

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1HMPAXwrogMa01PsQZ7zHQAw2HqONd8rf?usp=sharing
Link to Organogram of the institution webpage	http://bldeacet.ac.in/organization-chart/
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Following are the effective welfare measure taken for teaching and non-teaching staff of the institute.

1. EPF
2. Group Insurance
3. Gratuity
4. Concession in tuition fees for the employee children
5. Leave as per BLDE Association Service rules
6. Safe drinking water
7. Clean environment
8. Good lighting and ventilation and furniture at work place
9. Computer with internet facility
10. Safety measures in Laboratories where there are risks
11. First Aid kits
12. Canteen/Cafeteria facilities
13. ESIC for non-teaching staff

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1FgeruNU8dKZHrMZyV88CX5noorLdkdWg?usp=sharing
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

24

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

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

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

9

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	View File
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

371

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

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

The BLDE Association has developed the process of faculty performance appraisal system to appraise the annual performance of the faculty working in its professional institutions. Reviewing faculty performance and fostering development towards the organizational goals are critical elements in the achievement of institution priorities and its overall success. As a tool to assist in the review of performance, faculty members participate in an annual performance appraisal and review process.

The faculty appraisal system:

- Facilitates two-way communication between individual and organization
- Provides a quantitative goal for every individual to guide their performance
- Provides a means to review the continuous progress on the performances
- Provides the information on training needs of individuals
- Provide input into the annual training plan
- Monitors individual performance

The faculty appraisal format consists of three components (for faculty with an experience of more than eight years):

1. Faculty self-evaluation (150 points)

The performance parameters included in faculty self-evaluation are:

- Academic excellence (25 points)
- Professional excellence (30 points)

- Student's feedback (10 points)
- Examination results (30 points)
- Research and development activities (55 points)

2. Evaluation by the head of the department (20 points)

3. Evaluation by the head of the institution (30 points)

Thus, the performance evaluation of faculty members (having more than eight years of experience) is for a total of 200 points. Based on the points scored by each individual they are graded as per the criteria shown in the following table.

Scale

Description

Teaching staff points

1

Poor

110 and below

2

Average

111-130

3

Above-Average

131-150

4

Good

151-170

5

Excellent

171 and above

Following table shows the percentage of weightage given to evaluation parameters for faculty having less than eight years of experience and more than eight years of experience.

Parameter

Percentage Weightage

Less than 8 Years' Experience

More than 8 Years' Experience

Principal and HOD's Evaluation

26.66%

26.30%

Academic Performance

50.00%

34.20%

Research Performance

23.33%

23.70%

Professional Excellence

-

15.80%

Its implementation and effectiveness (20)

The BLDE Association has developed this faculty performance appraisal system and implemented in all its institutions through its Standard Operating Procedures Cell (SOP cell) in the year 2015. As per the standards, SOP cell has developed the appraisal system for the following categories of employees.

1. Teaching staff with less 8 years' experience (Fig attached as additional document)
2. Teaching staff with more than 8 years' experience
3. Non-Teaching Staff (Supporting Staff)

The faculty members will self-evaluate their performance by filling the self-evaluation format provided by the institution. The faculty member has to enclose all the necessary evidences along with the performance appraisal format. Then it will be submitted to the concerned head of the department. Then, the head of the department will evaluate each faculty based on defined set of parameters. After that, all the appraisal forms shall be sent to the head of institution for next level of evaluation. Based on the number of points scored by each faculty members, grades will be assigned.

Those faculty members who have obtained poor grade will be called by the head of the institution and such members will be counselled. An opportunity shall be given to such faculty members to improve their performance during coming years. Areas for improvement shall be identified by the faculty (based on least score) and he/she shall be provided an opportunity to develop.

Sample performance appraisal format is attached.

Similar formats are available for taking the performance appraisal of faculty members (having less than eight years of experience) and technical/supporting staff.

File Description	Documents
Paste link for additional information	http://bldeasopcell.in/PerformanceAppraisalForms.aspx
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Yes, the institute goes through the process of external financial audit. The auditor is identified by the and General Secretary and Finance Officer of B L D E Association, Vijayapur. The financial auditor designated by the B L D E Association visits our institution with prior intimation to conduct financial audit for the immediate previous financial year. Our institute accountants and office superintendent will help the auditor and his team by providing all the account related documents as and when asked by the auditor. The auditor and his team will go through all the finance related documents; ask for clarification to accountant/office superintendent/Principal/administrator. Also, the auditors will bring minor lapses to the notice of accountant and explain them the correct procedure. Once the audit process is over, the auditor prepares the financial audit report. The financial audit report is submitted to the office of finance officer of B L D E Association. If any serious findings are reported, then the finance officer will call our accountant to get more information/clarification. The institute does not conduct internal financial audit. However, stock verification of all the departments, Laboratory equipment and Library books is done annually by the staff members designated by the Principal. The stock verification report is submitted to the Principal.

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

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

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

0

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

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

Mobilization of funds: The main source of the funds for institutional development activities is mobilized from student tuition fees. Other sources are grants received from various funding agencies for research, setup of laboratories and conduct of faculty development programmes. **Utilization of resources:** At the beginning of each academic year, head of the institution ask all the department heads to submit budget (departmental) for that academic year. Once the requirements from the departments is obtained, the budget is allocated by the head of the institution. Based on priority and need, the budget is approved. Once the department budget is approved, then the budget for the entire institute is prepared. Once the resources are allocated, it is the responsibility of respective department heads and co-ordinators to see that the allocated fund is optimally utilized.

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

Yes, Internal Quality Assurance Cell (IQAC) has certainly contributed towards institutionalizing the quality strategies. Following are few practices implemented at the Institute- Practice-1 Mechanism developed to get feedback from students. Provide feedback analysis and action taken. Evaluation of teachers by students' feedback is carried out at various stages as below:

1. Self appraisal by faculty within two weeks of commencement of each semester.
2. Mid semester appraisal after 1st I.A Test by respective HODs
3. End semester appraisal (online) at the Institute level
4. Exit feedback (online) from final year students at the end of VIII semester.

From Mid semester students' feedback, faculties getting poor feedback are asked to improve to satisfaction of students by respective HOD or by Institute committee. From end semester appraisal, faculty getting excellent feedback gets appreciation letters. Faculty getting poor feedback gets advisory note to improve. Practice-2

1. Tutorial classes for difficult subjects.
2. Remedial classes for weak students (Slow Learners).
3. Assignments for all subjects.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1rJgFMqcoUK0601kea5XX4nwQsp740hZa?usp=sharing
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 following is the review process: The institute pays maximum attention to the teaching learning process and takes necessary steps to improve the same. The teacher handling the subjects plans in advance the lecture delivery schedule, the mode of teaching. Keeping in mind the learning outcomes, the contents of the curriculum is delivered. First review as far as teaching is concerned is in the form of student feedback taken at the beginning of the semester (normally after 3-4 weeks of commencement of semester). In case of poor feedback, the teachers are called and they are advised to take appropriate steps to improve the same. In some cases, a senior faculty mentors such staff members. Second review is again through student feedback taken at the end of the semester. This feedback is one of the performance parameter included in performance appraisal of the teaching staff. Another set of review is through the performance of students in: (1) Internal Assessment tests and (ii) End Semester Examinations. Based on the passing percentage and

number of students scoring, second class, first class and first class with distinction marks the quality of teaching-learning is assessed. The learning outcomes for all the courses are defined. They circulated among all the stake holders through lesson plans/course file and department web site. There is dedicated software for the assessment and evaluation of learning outcomes. Based on the marks scored by students in continuous internal evaluation tests and end semester examinations, the attainment of learning outcomes is assessed. For all the learning outcomes targets are set. If, one fails to attain the targets, an actions plan is asked from such staff members to improve the same.

Academic Audit and actions taken

The institute has a well-structured system and methodologies for the periodic review (assessment and evaluation) of teaching-learning process and learning outcomes.

The institute has constituted Internal Quality Assurance Cell (IQAC), under which the Academic Audit committee (AAC) reviews the teaching-learning and learning outcomes.

The following is the review process:

- The Chairman of Academic Audit Committee constitutes a team to carry out internal academic audit of teaching faculty and department academic records.
- The schedule of Academic Audit is notified in the Academic Calendar and conducted once in a semester.
- The Chief Academic Coordinator conducts Audit Committee meeting before its schedule to brief about the review parameters for its uniformity.
- The list of documents to be verified during Academic Audit is circulated to all the stakeholders.
- The Audit Committee conducts the audit process as per the schedule to review the teaching-learning process and learning outcomes.
- The committee submits the audit report to the chief academic coordinator in standard format shown in Figures for individual faculty and Figures for department.
- The Chief Academic coordinator consolidates the audit result separately for different programmes and submit the final Academic Audit Report and Action Plan to the Chairman. The sample audit report is shown in Figures.
- The Grades are fixed based on the score secured by the faculty members as mentioned in Table-1

Table-1 Academic Audit Grades

Score

Grade

90 & above

Excellent

80 to 90

Very Good

70 to 80

Good

Below 70)

Average

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

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://bldeacet.ac.in/newsletters/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Institute shows gender sensitivity in all aspects starting from admission till they graduate successfully from our Institute. The institution has Anti Sexual Harassment Cell which looks after the issues pertaining to women.

1. Safety and Security- The institution gives high priority for safety and security of students, staff and infrastructure. The Institute has CCTV Cameras all over the prominent places of Campus. The Institute also has Security Guards in Uniform who monitor the campus 24/7.

The institute has separate bus facilities for girls. Apart from these, Girls are motivated to participate in various activities in cultural and sports.

2. Counselling- Each staff of our institute is assigned with 20 to 25 students when they first take admission to look after their progress, problems and do mentoring for 4 complete years. They also do career counseling. Along with this, Ladies teachers also meet girls and do mentoring if they observe anything unusual.

3. Common Room- There is a separate Ladies Room for girls in the Campus and also in Girls Hostel.

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

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	B. Any 3 of the above
--	------------------------------

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

- 1. Solid waste management:** - The solid wastes generated in the college campus comprises of paper waste, garden waste and small amount of plastic. The daily-generated garden waste is collected in the large container. It is processed through the two-vermicomposting pits constructed in the campus to obtain manure. The generated manure is utilized in the campus garden. The constructed pit size is 3mx1.2mx0.8m. From each Department old used Journals, blue books and assignment books are being collected and handed over to the authorized dealer by the store to recycle. Along with the garden and paper waste some quantity of food waste is generated through hostel mess and canteens (2 Nos). The generated food waste is collected and handover to cattleman.
- 2. Liquid waste management:** - The liquid waste generated in campus includes the black and gray water of the hostel and college. A small amount of liquid waste water is produced by laboratories such as the Chemistry, Environment, Hydraulic and Hydraulic Machinery Labs etc. The liquid waste generated from

- the above sources is discharged into the municipal sewer line.
3. **Biomedical waste management:** Currently, the institute does not generate any biomedical waste.
 4. **E-waste Management:** - The most common e-waste in the institution is considered as monitors, CPU, UPS, mouse, printer and keyboards. These e-wasters are stored in a specific location in the college campus under the department of stores. The currently collected e-waste is submitted to the BLDE associations for further processing. The details of the submission are maintained by institute.
 5. **Waste recycling system:** The daily-generated garden and paper waste are collected in the large container. This waste is processed through the two-vermicomposting pits constructed in the campus to obtain manure. Old used Journals, blue books and assignment books in the department are being collected and handed over to the authorized dealer by the store to recycle.
 6. **Hazardous chemicals and radioactive waste management:** Currently, the institute does not handle any hazardous chemicals and radioactive waste. Some hazardous chemicals, such as sulfuric acid, hydrochloric acid, used in the practicals of chemistry and environmental engineering laboratories are closely monitored by staff, and the instructions for handling such chemicals are displayed in the lab.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	C. Any 2 of the above
--	-----------------------

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

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	B. Any 3 of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
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	E. None of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
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	B. Any 3 of the above

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

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

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

Our institute conducts various programmes in the form of celebration of special days of Eminent personalities, National Festivals, NSS and other activities to provide an inclusive environment by bringing students and teachers with diverse background on single platform to create inclusive environment. This helps in developing tolerance and harmony towards culture, regional and linguistics and also communal social economics and other diversities. The curriculum provided by the University includes subject like Constitution of India and professional ethics which is made mandatory to all students across disciplines. Annual gathering is conducted every year, where the the annual address is delivered to inspire and motivate the students for future journey. Two important national festivals, Republic Day and Independent Day are celebrated every year in the Institute. All teaching , non teaching staff and students participate for the cause of nation. Various inspiring speeches are delivered.

Following Important days are celebrated

1. Independence Day
2. Republic Day

3. Karnataka Rajyotsava on 1st November
4. Gandhi Jayanthi
5. Ambedkar Jayanthi
6. Kanakdas Jayanthi
7. Yoga day
8. NSS Day
9. Voters day
10. Engineer's Day (Sir M. Visvesvaraiiah)
11. Basava Jayanti on April 18
12. Teachers Day (Dr Sarvepalli Radhakrishnan)
13. National Organ Donors Day program
14. Blood donation camp
15. Women Empowerment and Challenges

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

The Institute conducts the following activities with enthusiasmand inculcate nationalism and fill moral values in staff and students-

1. Independence Day
2. Republic Day
3. Karnataka Rajyotsava on 1st November
4. Engineer's Day (Sir M. Visvesvaraiiah)
5. Gandhi Jayanti
6. Basava Jayanti on April 18
7. Teachers Day (Dr Sarvepalli Radhakrishnan)
8. National Organ Donors Day program
9. Blood donation camp
10. Women Empowerment and Challenges

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	National Constitution Day by taking oath, Cleanliness/Plantation drive
Any other relevant information	Nil

<p>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</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>B. Any 3 of the above</p>
--	-------------------------------------

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	View File

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

The Institute conducts the following activities with enthusiasmand inculcate nationalism and fill moral values in staff and students-

1. Independence Day
2. Republic Day
3. Karnataka Rajyotsava on 1st November
4. Gandhi Jayanthi
5. Ambedkar Jayanthi
6. Kanakdas Jayanthi
7. Yoga day
8. NSS Day

9. Voters day
10. Engineer's Day (Sir M. Visvesvaraiiah)
11. Basava Jayanti on April 18
12. Teachers Day (Dr Sarvepalli Radhakrishnan)
13. National Organ Donors Day program
14. Blood donation camp
15. Women Empowerment and Challenges

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

7.2 - Best Practices

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

Best Practice-1. Community Outreach Programs-The objective is to solve societal problems and uplift the society by conducting activities such as computer literacy programs for school childrens, Swachata Abhiyana, awareness programs etc through special camps.

Best Practice-2. Green Practices- The objective is to give awareness on environmental friendly activities such as Plastic free zone, Tree-Plantation, Vermi-composting, rain water harvesting, Usage of renewable energy resources etc. Additional Best practices during Covid-19 pandemic 1. No reduction/ cut in salaries of employees during Covid-19. 2. Rs-1.0 lakh compensation for the employees who died due to Covid-19.

File Description	Documents
Best practices in the Institutional website	http://bldeacet.ac.in/wp-content/uploads/2019/12/Best-Practices.pdf
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 college through its "Centre of Excellence for Rural Rejuvenation" has initiated and implemented few programs keeping in view the farmers. The thrust is to help farmers to increase crop yield by sensitizing them on importance of water conservation and soil conservation and implementation of new tools for productive farming. The centre has organized few programs to sensitize farmers on the existing issues and provided solutions to their problems. Assistance provided by the institution in Minor Irrigation (MI) Tank Filling project of Government of Karnataka (GoK). Dr. V.P. Huggi, Principal of the college and staff members of the Civil Engg, Dept., were involved in various activities of MI tank filling project of GoK such as preparing project report, surveying, monitoring the progress of work etc. Computer science engineering department have demonstrated to farmers how the crop disease can be detected by continuously monitoring the health of the crop by using the technology and remedial action can be taken to minimize the damage (if disease is detected). The department of mechanical engineering is contributing its skills by providing simple solutions to the problems faced by farmers. The department has devised an attachment by using which sugarcane seeds can be sown in minimum time, cost and labour. Additionally during Covid-19 pandemic 1. No reduction/ cut in salaries of employees during Covid-19. 2. Rs-1.0 lakh compensation for the employees who died due to Covid-19.

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

7.3.2 - Plan of action for the next academic year

Plans of action for next academic year

1. Application for continuation of NBA status for Civil, Mechanical, CSE and Electrical Electronics UG Programmes (Since the date of application was extended due to COVID-19)
2. Application for NBA status for ECE and ISE department.(Since the date of application was extended due to COVID-19)
3. Improvement in publications and grants
5. Professional development programmes for faculty and staff.
6. MoUs with industries for student internship.

NAAC