



Yearly Status Report - 2019-2020

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 own campus	Yes
Phone no/Alternate Phone no.	08352-261120
Mobile no.	9168108103
Registered Email	principal@bldeacet.ac.in
Alternate Email	cv.momin@bldeacet.ac.in
Address	Asharam Road
City/Town	Vijayapura
State/UT	Karnataka
Pincode	586103

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. Asif Iqbal Momin			
Phone no/Alternate Phone no.		08352261120			
Mobile no.		9741727860			
Registered Email		coordinator.iqac@bldeacet.ac.in			
Alternate Email		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: Weblink :		http://bldeacet.ac.in/academic-calendar/			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.69	2018	26-Sep-2018	25-Sep-2023
6. Date of Establishment of IQAC			01-Jan-2018		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries	
Outcome Based Education And NBA Accreditation		20-Jan-2020 5		10	

Effective OBE implementation and Course development	14-Dec-2019 1	40
E-content development using Moodle	19-Jul-2020 2	80
Role of IQAC in Institutes of Higher Education	20-Jun-2020 1	269
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
BLDE CET/ CV/ Anuradha Tankasali	STTP	AICTE	2019 18	400000
BLDE CET/ ME/Ramesh Jeeragal	MODROB	AICTEAICTE	2019 730	1038431
BLDE CET/ CV/ Basavaraj Angadi	STTP	AICTE	2019 5	308333
BLDE CET/ CV/ K.S. Chadchan & R.S. Malladi	RGS/F	VGST	2019 365	300000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

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. Prepared guidelines for Online teaching learning. 4. Prepared guidelines for Online CIE Test. 5. Organized programs on improvement of quality in higher education for the benefit of teaching staff.

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

Plan of Action	Achivements/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	<ul style="list-style-type: none"> • Internal Academic Audit was conducted by Institute Academic Affairs Committee and IQAC on 03-06-2019. • Internal Administrative Audit - Stock verifications of Departments, Office and Library were conducted by Stock verification committee on 22-10-2019. • External Academic and Administrative Audit were conducted by external peer team members through MANTHAN-An annual audit of academic and administration.

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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission	2019
Date of Submission	09-Dec-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The Institute has Management Information System for the following modules 1. Student admission 2. Student fee collection 3. Student Attendance 4. Student performance in Continuous Internal Evaluation tests 5. Attainment of Course outcomes, Program outcomes 6. Faculty feedback system 7. Student counselling 8. Alumni database 9. Library management 10. Parent interaction portal 11. Online Grievance portal

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Institute follows the following procedure for effective implementation of course Curriculum prescribed by VTU Belagavi. • 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 Academic • Coordinator 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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Basic Structural Analysis and Design using Staadpro and MS Excel	Nil	06/07/2020	12	Employability and Entrepreneurship	Design Softwares
NPTEL Certification Course	Nil	27/01/2020	120	Employability	Soft Skills
NPTEL Certification Course	Nil	29/07/2019	120	Employability	Nil
Additive manufacturing and Bosch Rexroth Automation	Nil	10/07/2019	24	Employability and Entrepreneurship	Additive manufacturing

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	All Programmes (Implemented in the year 2015-16)	01/08/2019
MBA	MBA (Implemented in the year 2016-17)	01/08/2019
MCA	MCA (Implemented in the year 2016-17)	01/08/2019

BArch	Architecture (Implemented in the year 2015-16)	01/08/2019
Mtech	All Programmes (Implemented in the year 2016-17)	01/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	241	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Bridge Course on Programming in C and Data Structures	05/08/2019	100
Artificial Intelligence and MVC	20/08/2019	110
Web/Database Workshop	11/10/2019	110
Online Android Workshop	15/06/2020	100
Improving Programming Skills	29/05/2020	56
STTP on Ansys workbench	08/01/2020	30
Workshop on CATIA	01/03/2020	50
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Feedback at department level (4-weeks after the commencement of classes) The feedback on teaching learning is taken at department level, for any difficulties/ improvements in understanding the course, the same is intimated to the concerned faculty. If any cases of difficulties/ improvements, a report

of feedback and action taken is submitted to the Chief Academic coordinator as per standard format- "Action taken report on students feedback". Semester End-Student feedback (End of the semester) Appraisal by students on teaching learning is taken online using OBE Software "Contineo" and a consolidated report is given to individual faculty. The faculties scoring Average Percentage Feedback less than 60, are informed to submit action plan to respective HoD for improvement in respective questionnaires in the prescribed format. A consolidated report on action taken for faculties is submitted by HoD to the Chief Academic coordinator as per standard format. Students Exit Survey or Students satisfaction Survey (SSS) (Last week of VIII/ X semester) Appraisal by students on teaching learning and infrastructure is taken from graduating students. The feedback is analyzed for possible improvements and report is submitted to the Principal for its action. A report of the same is also uploaded in institute website.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1630	106	156	10	33

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
198	198	Nill	44	3	Nill
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Effective mentoring system is available in the Institute. For a group of 20 students one Mentor (staff member) is allotted. Mentor will conduct minimum three meetings in a semester. Mentors are asked to conduct meetings in an informal way to gain their confidence, so that students can discuss their problems without hesitation. Mentors will collect the students' details like Name, phone numbers, previous semester marks etc., allotted to them. They go on updating their attendance and CIE test marks. The separate Mentoring Book is maintained for each student. Poor performances in attendance and test scores will be discussed with students and they are counseled and motivated to perform better in next tests. Regarding attendance and test marks message will be sent to their parents. If required, parents will be called to the Institute to explain the problems of their wards and

will be asked to take care further.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2821	198	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
198	198	Nil	Nil	31

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Prema T. Akkasaligar	Professor	State level award for Research Publications (ARP) by Vision Group of Science and Technology, Government of Karnataka.
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 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.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

After receiving the academic calendar from Visvesvaraya Technological University (VTU), the Principal will ask the Academic Coordinator to prepare Institute academic calendar (draft) as per the guide lines of VTU. The VTU academic calendar consists of commencement and closing dates of a semester, practical examination and end semester examination schedules. The Institute academic calendar mainly consists the schedule for conducting CIE tests, holidays, returning corrected assignments, evaluation of CIE tests, displaying marks, taking feedbacks and conducting internal laboratory tests. The commencement and closing dates for a semester will be as per the VTU academic calendar. The draft copy of academic calendar will be finalized by the Principal, in the Heads of the department meeting after detailed discussion with the department heads. Finalized academic calendar will be circulated to all faculty members and students. All the faculties will be asked to adhere strictly to the academic calendar. For the academic year 2019-20, the Continuous Internal Evaluation tests are conducted as per the schedule of the academic calendar. The other events like displaying and uploading marks of CIE, returning corrected assignment, taking feedbacks, conducting internal laboratory tests are also done as per the schedule of the academic calendar. Heads of the departments will be asked to organize FDP/ STTP/ Workshops during vacation period.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://bldeacet.ac.in/IOAC/#COPO>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BE	BE	Nill	715	684	82.32
B.Arch	BArch	Nill	29	29	100
M.Tech	Mtech	Nill	27	27	100
MBA	MBA	MBA	11	8	73
MCA	MCA	MCA	6	6	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://bldeacet.ac.in/igac/>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	VGST	5	5

Major Projects	365	Department of Science Technology DST	4	4
Students Research Projects (Other than compulsory by the University)	90	IEEE	0.1	0.1
Projects sponsored by the University	120	KSCST	0.14	0.14
Major Projects	730	MODROB AICTE	10.38	10.38
Major Projects	365	VGST	3	3
Students Research Projects (Other than compulsory by the University)	365	VTU	0.15	0.15
Major Projects	730	VGST K-FIST Level-II	40	20
Major Projects	730	AICTE MODROB	12.98	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
One week International webinar Series on Power System and Electric Vehicles	Electrical Electronics Engg	08/06/2020
Recent Technologies Carrier Opportunities	Electrical Electronics Engg	24/07/2020
AGILE METHODOLOGY INDUSTRY STANDARDS	MCA	25/06/2020
ENTERPRISE ARCHITECTURE FOUNDATION CLOUD CONCEPTS	MCA	12/06/2020
Intelligence of Things	MCA	04/03/2020
Awareness on IPR and Patenting	Civil Engineering and Intellectual Property Rights (IPR) Cell	30/12/2020
Living roof - the future is alive	Civil Engineering and Intellectual Property Rights (IPR) Cell	19/04/2019
Body in white (BIW),	Automobile	03/09/2019

Autonomous vehicles (Future mobility), Connected vehicles and Automobile Product Life Cycle		
BS-IV to BS-VI Changes Challenges and Future Mobility	Automobile	07/09/2019
Software Architecture for Scalable Apps	Information Science	31/05/2020
Python and its Application Development	Information Science	03/06/2020
Dot Net environment in IT	Information Science	06/09/2019
Future in IT	Information Science	31/10/2019
Trends in VLSI Design and Cloud Computing	Electronics and Communication	03/07/2020
Industry Institute Interaction	Electronics and Communication	10/06/2020
Eco Nivas Samhita-Karnataka	Dept of Architecture in collaboration with Karnataka Renewable Energy Development Ltd.	18/06/2020
Intellectual Property Rights	Mechanical Engineering	05/06/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Students Project	Shruti Adahalli -Teena Bannad -Priyanka Rathod -Prashant Goudappagol	KSCST Bangalore	16/03/2020	Project Funding
Project Exhibition 2020	SAYEDA AFSHAN PATEL	TCE Gadag	05/08/2020	Project Exhibition
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
BLDECET NAIN	K-tech Innovation Hub NAIN Center	KITS, Dept. of IT, BT and ST, Govt. of Karnataka	INNOOVATUM, Vijayapur	Application Development	06/01/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International

1	0	1
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3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Civil Engineering	1
Computer Science and Engineering	1
Electronics and Communication Engineering	3
Mechanical Engineering	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electrical and Electronics	4	Nil
International	Civil Engineering	5	3.6
International	Automobile	2	Nil
International	Computer Science and Engineering	7	Nil
International	Information Science	1	Nil
International	Electronics and Communication Engineering	4	1.0
International	Mechanical Engineering	1	1.5
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics and Communication Engineering	4
Information Science	3
MCA	1
Civil Engineering	3
Computer Science and Engineering	12
Mechanical Engineering	7
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Computer Aided	A.S.Jadhav	International	2020	2	BLDEAS V. P. Dr.	4

Diabetic Retinopathy Diagnostic Model using Optimal Thresholding Merged with Neural Network		Journal of Intelligent Computing cybernetics			P. G. Halakatti College of Engineering and Technology	
Analysis of Diagnosing Diabetic Retinopathy by segmenting Blood vessels, Optic disc and retinal abnormalities	A.S.Jadhav	Journal of Medical engineering and Technology	2020	2	BLDEAS V. P. Dr. P. G. Halakatti College of Engineering and Technology	Nil
A Hybrid BAT- Dragonfly Algorithm for Optimizing Power flow Control in A Grid- Connected Wind Solar System	V.S.Gonal	A hybrid bat-dragon fly algorithm for optimizing power flow control in a grid-connected wind-solar system	2019	1	BLDEAS V. P. Dr. P. G. Halakatti College of Engineering and Technology	5
Behavior of geopolymers concrete under cyclic loading	A. J. Zende	Construction and Building Materials	2020	3	BLDEAS V. P. Dr. P. G. Halakatti College of Engineering and Technology	3
A nonlinear hybrid energy harvester	P V Malaji	AIP Advances	2020	1	BLDEAS V. P. Dr. P. G. Halakatti College of Engineering and Technology	1
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
The 3D Emotion Recognition Using SVM and HoG Features	Dayanand G. Savakar and Ravi Hosur	International Journal of Image and Graphics	2020	20	Nil	BLDEAs V. P. Dr. P. G. Halakatti College of Engineering and Technology
Bird Swarm optimization-based stacked autoencoder deep learning for umpire detection and classification	Suvarna L.Kattimani	Scalable Computing and Practices	2020	1	Nil	BLDEAs V. P. Dr. P. G. Halakatti College of Engineering and Technology
Solar Photocatalytic Degradation of Lead in Aqueous Solution using TiO ₂ Nanoparticles: Process optimization by response surface methodology	Naveen N. Desai Naveen N. Desai	Indian Journal of Environmental Protection	2020	2	Nil	BLDEAs V. P. Dr. P. G. Halakatti College of Engineering and Technology
Assessment of impacts of land use/land cover changes upstream of a dam in a semi-arid watershed using QSWAT	Mrs Anuradha Tanksali	Modeling Earth Systems and Environment	2020	2	Nil	BLDEAs V. P. Dr. P. G. Halakatti College of Engineering and Technology
GIS-based	Mrs Anuradha	Indian Journal of	2020	2	Nil	BLDEAs V. P. Dr.

assessment of Hydrochemical characteristics of groundwater in a DOAB of Krishna basin, Karnataka	Tanksali	Environmental Protection				P. G. Halakatti College of Engineering and Technology
Behavior of geopolymer concrete under cyclic loading	A. J. Zende	Construction and Building Materials	2020	4	3	BLDEAs V. P. Dr. P. G. Halakatti College of Engineering and Technology

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	18	71	58	97
Presented papers	33	1	Nil	Nil
Resource persons	Nil	Nil	4	12

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
One Act Play	First Prize	Akkamahadevi Womens University, Vijayapura	1

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating	Name of the activity	Number of teachers participated in such	Number of students participated in such
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	agency		activites	activites
No Data Entered/Not Applicable !!!				
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Paper published	A.S.Jadhav/Dr. Sunil Biradar	Nil	730
Paper published	V.S.Gonal/ G.S.Sheshadri	Nil	730
Research	Dr.Myat Myo Nwe Wai	DST,India	180
Internship Project	Sonali Muddebihal	Data As Services	90
Research	Dr.Myat Myo Nwe Wai	DST,India	180
Research	A D Kotagond	Experimental setup at IITM Chennai	1460
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Karthik Industries and Kiran Stone Crushers, Vijayapur	12/09/2019	For Industrial visits, sponsorship for STP and FDP and Student Internship	139
National Highways Authority of India (NHAI)	23/07/2020	For student Internship with stipends and research facilities for faculties and students	139
Association of	13/09/2020	For conducting	30

Consulting Civil Engineers (ACCE)		workshop on Campus to construction every year and Internship for final year students	
Inops IT Solutions Bangalore	20/08/2019	Seminars, Webinars, Internships etc	10
CLIK, Bangalore	08/03/2019	Seminars, Webinars, Internships etc	46
TEROX RND CONSULTANCY SERVICES PRIVATE LTD BAGALKOT BRANCH	26/02/2019	Skill based Training, Internship, Education Research IN THE FIELD OF Machine Learning and IoT	10
Tech forune technologies, Bangalore	06/06/2019	1). Internship to students 2). Staff exchange program 3). Sponsoring projects for students 4). Support for research activities	Nil
Lublin Univesity of Technology , Poland	29/01/2020	International cooperation in higher education scientific activity	Nil
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
250	121.72

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Classrooms with LCD facilities	Newly Added
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
NewGenLib ILMS	Fully	NewGenLib Helium 3.2	2015

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1063	914	130	54	36	25	30	130	4
Added	0	0	30	0	0	0	0	30	0
Total	1063	914	160	54	36	25	30	160	4

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

160 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Centre	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
84.6	74.63	298.85	85.03

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Library: Newgen ILMS has the Web Enabled OPAC facility for easy access of materials to the stakeholders of the institute outside 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.

http://bldeacet.ac.in/wp-content/uploads/2019/12/Support_facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	1) GOI Schedule caste Students (SC), 2) GOI Schedule caste Students (ST), 3) OBC(CATI, 2A, 2B, 3A, 3B), 4) Minority Scholarship (Muslim, Jain, Christian), 5) KMDC Loan, 6) Reimbursement of tuition fees to SC ST Students whose income above 2.5 lakhs,	1900	30411255

b)International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Placement activities	Nil	80	Nil	41
2020	Company Specific Training	Nil	6	Nil	6
2020	Career Counselling	Nil	80	Nil	36
2020	Department mentoring	Nil	3	1	3
2020	COMPANY SPECIFIC TRAINING	Nil	172	4	132
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
30 Companies	3069	258	12 Companies	26	22
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students	Programme graduated from	Department graduated from	Name of institution joined	Name of programme
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	enrolling into higher education			admitted to
No Data Entered/Not Applicable !!!				
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
Any Other	11
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Basket Ball	VTU Rest of Bangalore Zone Women -2019/20	108
Volley Ball	BLDEA's All Degree College Men and Women -2019/20	204
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Gold Medal	Internat ional	1	Null	2BL16CB068	Rajesh Sandimani
2019	Gold Medal	Internat ional	1	Null	2BL17ME117	Shrinivas poojari
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

<p>There is an active students Council and representation of students on academic and administrative bodies /committee of the institution as follows: • Sports Secretary (Men Women) -take care of sports activities • General Secretary -All 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. Institute academic topper is selected as General Secretary. Institute has also academic and administrative bodies that have students representative on them. Academic:</p> <ul style="list-style-type: none"> • Department Advisory Board Administrative: 1. Anti Ragging Committee 2.Cultural Committee 3. Technical Festival Committee 4. Canteen Committee 5. Sports Committee
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5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes and Alumni Association is Registered under Karnataka Societies Registration Act, 1960.

5.4.2 – No. of enrolled Alumni:

8949

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Following department Alumni Meetings were organized by BLDECET Alumni Association during 2019-20 Automobile Engineering Architecture Civil Engineering Computer Science Engineering Electronics Communication Engineering Electrical Electronics Engineering Information Science Engineering Mechanical Engineering M.C.A.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

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. Lesson

plan 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 teachinglearning 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 action plan must be shown. 7. 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.) 8. Weekly progress report (completed in all respects) should be sent to the Academic Coordinator, on every Tuesday before 12.00noon. 9. Weekly attendance report of students should be sent to the parents through SMS on every Monday. 10. SMS to the parents regarding the CIE marks should be sent within 5 days after each CIE test. 11. 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

<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>industries/companies.</p> <p>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)</p>
<p>Admission of Students</p>	<p>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</p>

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.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	1. Contineo Software, ESutra Chronicles Pvt Bangalore for leave management, Salary and Attendance. 2. greyTHR Software for leave management
Finance and Accounts	Contineo Software and Tally, AIM Info Solutions, Coimbatore for receipts and payments
Student Admission and Support	Contineo Software, Bangalore for students admission, attendance, continuous internal evaluation, student performance, reports to parents and feedback system.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for

teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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No Data Entered/Not Applicable !!!

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
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No Data Entered/Not Applicable !!!

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
191	191	188	188

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity, Group Insurance, Earned Leave, Casual Leave, PF	Gratuity, Group Insurance, Earned Leave, Casual Leave, PF	Accident insurance

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, the institute goes through the process of external financial audit. The auditor is identified by the 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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	Nil	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	BLDE Association's SOP Cell and VTU Belagavi	Yes	IQAC, and Academic Affairs Committee
Administrative	Yes	BLDE Association's SOP Cell	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

<p>Parent meets are organized at the department level once every semester. Student mentors (teachers) interact with parents. Parent – Teacher Association (PTA) has been established by the departments and following departments have conducted Parents Meet during 2019-20 Department Date of PTA Meeting Civil Engineering 19-10-2019 Mechanical Engineering 21-09-2019 Computer Science Engineering 18-05-2019 Electrical Electronics Engineering 25-09-2019 Electronics Communication Engineering 21-09-2019 Information Science Engineering 30-11-2019 MCA 10-12-2019</p>

6.5.3 – Development programmes for support staff (at least three)

No Data Entered/Not Applicable !!!

6.5.4 – Post Accreditation initiative(s) (mention at least three)

<p>1. Role of IQAC in Institutes of Higher Education on 20-Jun-2020 2. E-content development using Moodle on 19-Jul-2020 3. Effective OBE implementation and Course development on 14-Dec-2019 4. Outcome Based Education And NBA Accreditation on 20-Jan-2020</p>
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Effective OBE implementation and	Nil	14/12/2019	14/12/2019	40

	Course development				
2020	Outcome Based Education And NBA Accreditation	Nil	20/01/2020	24/01/2020	10
2020	Role of IQAC in Institutes of Higher Education	Nil	20/06/2020	20/06/2020	269
Nil	E-content development using Moodle	Nil	19/07/2020	20/07/2020	80
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Samatva Each for Equal	03/02/2020	Nil	1300	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p style="text-align: center;">Activities conducted under Environmental Consciousness and Sustainability/Alternate Energy initiatives • Solar roof top installed in college building started functioning to generate solar energy to an extent of 70 of contract load with HESCOM from 29-06-2019. • Electric Energy Optimization and Cost saving Analysis has been prepared for Civil Engineering department and Central Library- 06-08-2019. • Electric Energy Optimization and Cost saving Analysis has been prepared for Boys Hostel- 06-09-2019 • Tree-Plantation on 07-10-2019. • Distribution of saplings at Almatti Dam site 03/06/2020 to 05/06/2020, during which 18 staff members participated. • On the eve of World environment day, planted 25 saplings of different species at college campus on 05/06/2020.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating
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	address locational advantages and disadvantages	taken to engage with and contribute to local community				students and staff
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No Data Entered/Not Applicable !!!

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Students	Nil	1st published on 02/07/2018. Reviewed and revised annually
Code of Conduct for teaching and nonteaching staff	Nil	1st published on 01/01/2018. Reviewed and revised annually

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The institute under NSS and GREEN BLDEACET regularly conducts activities such as 1) Save Electricity 2) Swachatha Abhiyana 3) Cycling Awareness Program 4) Eco Friendly Campus 5) ORGANIC FARMING

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://bldeacet.ac.in/wp-content/uploads/2019/12/Best-Practices.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 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.

Provide the weblink of the institution

<http://bldeacet.ac.in/wp-content/uploads/2020/01/Institute-Distictiveness.pdf>

8.Future Plans of Actions for 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. 2. Application for NBA status for ECE department 3. Improvement in Incubation startup 4. Programmes on NEP implementation 5. Professional development programmes for faculty and staff. 6. MoUs with industries for student internship.