



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	Basaveshwar Engineering College, Bagalkote
• Name of the Head of the institution	Dr. B. R. Hiremath
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9448939700
• Alternate phone No.	7618781963
• Mobile No. (Principal)	9448939700
• Registered e-mail ID (Principal)	becprincipal@yahoo.com
• Address	Basaveshwar Engineering College, Bagalkote, S. Nijalingappa Vidyanagar, Bagalkote
• City/Town	Bagalkote
• State/UT	Karnataka
• Pin Code	587102
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	12/10/2009
• Type of Institution	Co-education
• Location	Urban

- Financial Status

Grants-in aid

- Name of the IQAC Co-ordinator/Director **Dr. Mamata J. Sataraddi**
- Phone No. **7259165350**
- Mobile No: **7259165350**
- IQAC e-mail ID **iqacbecbgk23@gmail.com**

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

https://becbgk.edu/IQAC/IQAC_Home.php

4.Was the Academic Calendar prepared for that year?

Yes

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

<https://www.becbgk.edu/IQAC/IQAC%20dec%202024/2.3.4-Academic%20calenders-2023-24.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.34	2017	27/11/2017	26/11/2022
Cycle 2	A	3.01	2023	10/06/2023	10/06/2028

6.Date of Establishment of IQAC

05/04/2017

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Basaveshwar Engineering College, Bagalkote	Valuable Local Chapter with a rating of 'A'	SWAYAM-NPTEL	10/07/2024	Nil
Dr. Chayalakshmi C. L.	Appreciation Certificate for her instrumental role as SPOC	SWAYAM-NPTEL	01/05/2024	Nil
Basaveshwar Engineering College, Biotechnology Department	Bioenergy Research, Information and Demonstration Centre	Karnataka State Bioenergy Development Board (KSBDB)	01/04/2023	4,00,000
Basaveshwar Engineering College, Bagalkote	Mentor-Mentee Institution	AICTE	29/02/2024	2,25,000

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9. No. of IQAC meetings held during the year 02

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

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

10. Did IQAC receive funding from any No

funding agency to support its activities during the year?

- If yes, mention the amount

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

* As a part of 60th Year Celebrations the college organized symposia on 8th & 9th September 2023, titled i) Novel Approaches for Sustainability in Engineering System -by non circuit branches ii) Emerging Trends in Smart Systems - by circuit branches * WAVE - 2023, A 24 hour State Level Hackathon was organized on 26.09.2023 * WAVE-2.0, A national level Hackathon was organized during 1-2, July 2024 * "Anveshana" Project exhibition/Competition was held on 17.05.2024.

* BEC Student branch WIE AFFINITY GROUP has been selected as Mentor AG for Sri .Sivasubramanian Nadar College of Engineering, Tamilnadu in IEEE region 10 (ASIA PACIFIC REGION) (BEC is only mentor across IEEE Bangalore) * "IEEE outstanding Student Branch 2023" was awarded on 28th Dec, 2023 * Mr. Shrivast Gudi received Outstanding Student Volunteer award by IEEE AGM * Dr. B. F. Ronad received appreciation Certificate for his dedicated contributions by IEEE * BEC -IEEE Robotics & Automation Society received an "Upcoming branch chapter 2023 at AGM on 20th January 2024 * Ms. Kavita Kulkarni, first year student received IEEE Women in Engineering (WIE) Scholarship for the year 2024

* MoU between E&E Engineering dept., BEC and AG Electro Services Karad was signed on 18th Nov., 2023 * MoU signed between Mechanical Engg. Dept. and CNC India, Bangaluru on 12th January, 2024 * MoU signed between Civil Engg. Dept. and WALMI, Dharwad on 16th Feb., 2024 * MoU signed between ECE Dept. and VI Solutions, Bengaluru on 15th March, 2024 * MoU signed between ECE. Dept. and Space Zee Technology, Chennai on 11th May, 2024 * MoU between E&C Engineering dept., BEC and AG Electro Services Karad was signed on 13.6.2024 * MoU between E&C Engineering dept., BEC and Saaketh Electrocircuit Pvt. Ltd., Pune, was signed on 14.6.2024

* CSE students got 1st prize in project competition at "Shristi -2024" held at Atria Institute of Technology, Bangalore * MBA First year Students are Runners up in National Level Management Fest "PRAYAAS" organized by Global Business School Hubli * Mrs. Shama P.S., Dept. of Computer Science completed 8 week NPTEL course on Distributed Systems with Elite Gold certificate (93%) * Mrs. Smitha K. and Mrs. Vasudha Ayyannavar, Dept. of Computer Science completed 8 week NPTEL course on Distributed Systems with Elite Silver certificate (88%) * BEC Girls team won VTU state level women

handball championship held at JNNCE Shivamoga on 6th December, 2023
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* India's Best Engineering Institution 2023 rated with AAA+ by Careers 360 on 4th October, 2023 * Master of Computer Application (2 year PG Course) started from A.Y.2023-24 with intake of 60 * New Branch Electronics and Computer Engineering for A.Y. 2024-25 was approved from AICTE, New Delhi with intake of 60 * Reopening of Automobile branch was confirmed from AICTE, New Delhi * Intake of CS and IS was increased from 120 to 180 respectively with effect from A.Y. 2024-25

12. Plan of action chalked out by IQAC at 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
Incentives for research publication by faculty and research scholars	Enhancement in publication of quality research papers
Financial Support for attending and presenting papers at Conferences/Organizing FDP, SDP, etc.	Enhancement of Conference publications and training programmes organized

13. Was the AQAR placed before the statutory body? Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	21/12/2024

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

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13. Was the AQAR placed before the statutory body?

Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	21/12/2024

14. Was the institutional data submitted to

Yes

AISHE ?	
<ul style="list-style-type: none"> • Year 	
Year	Date of Submission
2022-23	02/03/2024
15.Multidisciplinary / interdisciplinary	
<p>The college has organized/conducted seminars and workshops to create awareness on NEP amongst faculty and students. Faculty members have been deputed to workshops and seminars in multidisciplinary subjects. The discussions and deliberations on the design and development of the curriculum have been carried out, accordingly, the scheme has been prepared in line with the guidelines from AICTE and affiliating University. The requisite laboratories required for multi-disciplinary/interdisciplinary projects/research have been set up on the campus. The NEP has been implemented from 2021-22 itself.</p>	
16.Academic bank of credits (ABC):	
<p>Controller of Examinations and senior faculty have attended the meetings (online) organized by AICTE. The Academic Bank of Credits (ABC) will digitally store the academic credits earned by the students on the platform developed by National e-Governance division (NeGD) of the Ministry of Electronics and Information Technology (MeitY) under Digi Locker Framework. The college has registered on National Academic Depository (NAD) portal and the data entry of credits earned by the students is in progress. Total of 2069 students have created ABC account till now. Out of these 386 (Male-413, Female-356) students admitted during 2023-24 have created ABC account.</p>	
17.Skill development:	
<p>In order to enhance the technical skill of the students college has set up the multi-disciplinary laboratories such as Bosch Rexroth, Biofuel technology and IC engine testing, additive manufacturing, CNC programming, SCADA for distribution and automation, Electronic circuit simulation, PCB design and prototyping, Neutroceticals and food testing. In addition to these, the college has been established IDEA laboratory in association with AICTE and is equipped with all the relevant prototyping tools and machines and Professional Skill</p>	

Development Programmes are being conducted through this laboratory. Students are encouraged to carry out innovative interdisciplinary projects. Overall around 724 students have benefited from these skill development laboratories.

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

Indian Knowledge Systems (IKS) is part of curriculum. Workshops on yoga, meditation, sports are conducting regularly. About 600 to 700 students have take benefit of these in every year.

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

The college has implemented OBE Scheme since 2007. The scheme and curriculum has been designed as per OBE requirements. For proper implementation of OBE framework, a committee was set up and draft guidelines have been prepared in conforming with the AICTE Examination Reform Policy. To normalize the evaluation of non quantifiable courses like seminars, projects, term papers, internships etc., the rubrics have been proposed in the guidelines. All faculty members are trained to articulate the Course Outcomes in line with the Programme Outcomes. To assess the attainment of COs and POs, a centralized automated procedure has been developed. On 10.07.2024, Basaveshwar Engineering College has been awarded as a valuable Local Chapter with rating of 'A' based on performance in NPTEL Online Certificate Courses for the period of Jan-Apr 2024. Dr. Chayalakshmi C. L. has received Appreciation Certificate for her instrumental role as SPOC for the Swayam -NPTEL Local Chapter.

20.Distance education/online education:

The Institute has put up genuine efforts to include the self-learning process by making students to undertake MOOC courses offered by NPTEL under the SWAYAM COURSE ERA. The main intention of the institute in introducing E-Journals and E-books is to inculcate a habit of e-learning and self-learning among the students. NPTEL Local chapter has been established in the college in 2019 to promote the lifelong learning through online courses. During the last three years, 15 faculty members and 996 students have successfully completed the online courses and were given certificates. The college faculty and students have received 07 Elite + Gold, 164 Elite + Silver, 444 Elite and 396 successfully completed certificates during the last three years. Provision has been made to engage 10% of the curriculum through online mode by industry personal and alumni. As a part of curriculum, student has a flexibility to learn courses through

online mode of his /her choice as approved by the BoS. If a student earns additional 18 credits through online courses (MOOCs) is entitled to earn Honors/Minor degree based on their eligibility. 20 classrooms are equipped with 65" digital boards and all the classrooms are equipped with audio-visual facilities and also internet. Five classrooms are enabled with lecture capture facilities to create e-content and are made available to students

Extended Profile

1.Programme

1.1 18

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3114

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 717

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 3091

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	638
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	181
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	196
Number of sanctioned posts for the year:	
4.Institution	
4.1	434
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	95
Total number of Classrooms and Seminar halls	
4.3	1250
Total number of computers on campus for academic purposes	
4.4	2818.07695
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Curriculum is designed to ensure that, the students acquire the requisite domain knowledge, skills, moral and ethical values. In order to meet the technological developments at regional, national and international level, the curriculum of various programs offered by the institute is framed taking into consideration (i) AICTE Model curriculum, (ii) Curricular structure of affiliating university (VTU), (iii) Program Specific Criteria of professional bodies, (iv) Feedback from industry experts and alumni, (v) Syllabus of Indian/International higher learning institutions (vi) Syllabus of various competitive exams like GATE, IES etc, and (vii) Recent technological developments in their respective domain. The Board of Studies (BoS) is constituted as per the prevailing norms with representation from experts from higher learning institutions, industries, alumni and students (invited members). The curriculum is placed for discussion and approval by the BOS and based on suggestions, the curriculum is revised and submitted to the Academic Council (AC) for review and approval. The curriculum approved by the Academic Council is incorporated. Each course has Course Outcomes (COs) and their mapping with the Program Outcomes (POs) and also Program Specific Outcomes (PSOs) defined by respective departments. It is ensured that every PO is addressed by at least two courses in the CO-PO mapping matrix. Various assessment tools are used to measure the COs, PO's. An effective implementation of the Outcome Based Education (OBE) ensures that, the graduating engineers have attributes of all the 12 POs to compete on a global platform.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

376

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

33

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

BEC curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

1. Gender Sensitivity: The college has Internal Complaint Committee to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of girl students, ladies staff and faculty. The college campus is secured with CCTV surveillance cameras. Self-defense training to girl students, SDP, FDP are conducted under Equity Assurance Plan.

2. Environment and Sustainability: The NSS team has organised several environmental and health care activities like Swatch Bharat Abhiyan, World Water Day, Plantation & watering of plants on the Environmental day. World Environment day is celebrated every year covering activities to address the issues related to environment, air and water pollution. The college has Rain water harvesting system and Solar energy park (green energy initiative), Established air quality monitoring system in association with Pollution Control Board, Govt. of Karnataka

3. Human Values and Professional Ethics: The college takes efforts for integration of ethical and human values through extra-curricular activities also. Different social activities have been initiated by the college like Health and Hygiene awareness programs, Blood donation camps, etc. IEEE and placement cell conducts training activities to build profession ethics.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered

during the year

2

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

78

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1996

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.aicte-india.org/feedback/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.aicte-india.org/feedback/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

3114

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

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

274

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 students' learning levels and organises special programmes for both slow and advanced learners.

Students enrolled in the department are identified as slow and advanced learners based on their marks obtained. This helps to identify the slow learners and to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners.

Advanced learners and slow learners have identified as per their responses in the classroom as well as the performance in the Unit test, internal examinations. The departments use monitoring and mentoring to keep track of slow learners' progress.

Along with teachers, some advanced learners are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counseling sessions are held and additional teaching is taken up if required. Tutoring by mentors is offered. Faculty makes it a point to be patient and accessible to students personally, over the phone, mail, and social apps.

Advanced learners are encouraged to study the contents of the syllabus effectively so as to achieve a high percentage of marks and a good score in GATE, NET. Gold Medals are awarded to the toppers in the Convocation. Meritorious students are included as members of Committees. Training and Placement Cell provides training in interview skills and communication skills. Proficiency in English classes, Personality Development programs are organized to enhance the employability of the students.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/08/2024	3114	181

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

BEC strives to integrate experiential, participatory, and problem solving methodologies by devising innovative teaching-learning methodologies that bring a profound learning experience for the divergent students in the DIGITAL ERA. Engaging the learner throughout the lecture session has been the best and acceptable methods of the teaching learning process. The traditional method of teaching inside the classroom engaged the students throughout the lecture session but the learner involvement could not be achieved and the evaluation process is not in an outcome-based method. The traditional way of lecture delivery is teacher centric, not student centred. Teaching learning method following the same traditional way of lecturing, content delivery and traditional formative assessment procedures followed are not a suitable assessment for observing the learners' learning experience. Mostly there are no assessments followed for observing the learners' learning experience. Our institution followed experiential learning, participatory learning and problem solving methodologies for enhancing learners learning experience. Various Participatory and Experiential learning activities followed in our institution Participatory Learning Methods • Seminar • Home Assignments • Presentations • Group discussions • Case Analysis • Role plays.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT tools empower both teachers and learners. They transform the teaching and learning processes from being highly teacher dominated to becoming student-centric and this transformation results in increased learning gains for students, creating and allowing for opportunities for learners. In addition, they are

cost-efficient and eliminate the usage of paper. Alongside minimizing cost, they also save time during class lectures enabling swift and dynamic transmission of content. They provide access to dynamic teaching and learning methods and facilitate easy student management. ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. Students enjoy while learning and perform better. Besides the chalk and talk method of teaching, the college makes intensive use of ICT enabled tools, including online resources for effective teaching and learning process. The faculty use ICT enabled classrooms with LCD projectors, Wi-Fi connectivity, software, Power Point presentations developed by teachers to expose the students to advanced knowledge and practical learning. The faculty uses different methods of teaching based on the need of the learners and the subject taught. The institution is also using IT enabled learning tools such as PPT, Video clippings, animations, video demonstrations from online sources apart from providing reading materials and lab manuals through emails and other methods for effective teaching learning process.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

145

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Dean for Academic Affairs in consultation with the Principal and other officials, prepares the Academic Calendar for the effective functioning of the Institution. The Calendar includes the details of all the working days with day order, holidays, dates of the Continuous Internal Assessment Tests, list of activities of academic year and the dates of national as well as religious importance. The calendar of common programmes is printed in the handbook and distributed to all students at the beginning of the academic year. The same is also uploaded on the website. The institution carries out the activities as per the calendar. The concerned faculty members prepare teaching plan for their respective subjects. These class hours are distributed among classroom teaching, case studies, role play, workshops and lab session as per the subject requirements. The planning is made in advance and serves as guide for conducting sessions. The principal, Deans and HoDs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

181

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

89

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

16.2

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

11

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

475

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

IT Integration and Reforms: The Office of the Controller of Examinations integrated the Information Technology in the management of Examination System. Mark entry, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results are automated. The mark statement of every semester is accessible to restricted users, especially to the Heads of the Departments to assess the performance of students periodically and guide them properly. Challan for the payment of Examination fee and hall tickets are computer-generated. The payment of Examination Fee has been upgraded to online mode. The students can login to the portal of the Controller of Examinations for downloading their hall tickets. **Supplementary Examinations:** The conduct of the Supplementary Examination is a healthy practice of the Examination System allowing the outgoing students to clear a maximum of three courses in order to complete their programme within the stipulated time. **Transparency:** It is a best practice of the Institution which strengthens the credibility of the Examination System. On the day of the transparency, the students are given an opportunity to go through their evaluated answer scripts of the Semester End Examinations. The grievances addressed by the students are duly rectified.

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

2.6 - Student Performance and Learning Outcomes

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

The College follows the Choice Based Credit System (CBCS) to widen the teaching and learning activities by which students have the flexibility to opt for courses of their choice. The curricula under CBCS have been strengthened with the introduction of OBE and the courses have been reinforced with desirable outcomes. Evaluation system has been modified to evaluate the courses with respect to the desirable outcomes. OBE helps the learners to achieve higher order learning levels based on Revised Bloom's Taxonomy, master the courses, and develop different skills as expected in each course. Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs) for all programmes offered by the Institute are clearly stated, displayed on the BEC website and communicated to teachers and students. The PEOs have been categorized into three sections such as Academic Values, Social Sensibilities and Moral and Spiritual Values. Integrating different stakeholders of the systems, the competencies and the performance Indicators for each of the Program Education Objectives are also defined and which in turn lead to design of comprehensive course level competencies and performance indicators. All students are apprised of the objectives and expected outcomes of their programme on admission during the compulsory Orientation programs. Students are also educated and provided with the detailed syllabus and course outcomes in each course and the assessment strategy for each course.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	www.becbgk.edu

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The level of attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are measured using various indicators throughout the semester of the academic year. The faculty records the performance of each student with the help of the specified course outcomes through a continuous evaluation process. Some of the key indicators of measuring attainment are:

Semester End Examination: The students are required to

take examinations as per the semester and annual pattern set by the university, through which the institution measures programme outcomes based on the course attainment level fixed by the course instructor.

Internal Assessment: The Internal Assessment constitutes 50% weightage of the total marks (100) in each course. The students are given two internal examinations each of 20 marks. 10 marks for assignments are designed in alignment with Programme Outcomes of the respective course.

Practical Assessment: It is evaluated by inviting external experts to evaluate each student by conducting Practical examinations, and taking Viva-Voce and evaluating the practical files.

Result Analysis: At the end of each semester, result analysis of each course is carried out indicating the percentage of students falling in different categories of CGPA obtained. This is an effective indicator in order to evaluate the level of attainment of POs, PSOs and COs as specified.

Internships and Placements: Students are encouraged to take up internships, projects, fieldwork, etc.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

644

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	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://119.161.97.228/feedback/login.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The college has 181 well-qualified faculty with 89 faculty having Ph.D. degrees. Most of the faculty have completed Ph.D. from IIT, NIT, VTU and are involved in Quality teaching-learning processes. At present, 95 scholars are pursuing their PhD and 172 scholars have been awarded the doctorate degree till date, in 10 research centers recognized by VTU Belagavi. The proactive core research activities have helped the College in securing grants to the tune of Rs. 7.04 Crores in the last five years, apart from 39.79 crores under Technical Education Quality Improvement Programme (TEQIP) of World Bank. The College has effectively utilized the support received under all three phases of TEQIP and has emerged as one of the best performing Institutions in the area in Technical Education and Research. The research achievements being 800+ publications in National and International peer reviewed journals and 348 (297 papers in UGC listed journals) in national and International conferences during last five years. To promote research 19PG laboratories and modernized 49 UG laboratories are established. High quality research facilities are created in the areas of Environmental Engg., Structural Engg., Geotechnical Engg., Renewable Energy, Modern Machining, Molecular Biology, Bio-Chemical Laboratories. Laboratories such as Bosch Rexroth center for industrial automation, SCADA laboratory, MEMS design centre, Biodiesel centre established in association with Industries.

Collaborative research with IISc., IITs and NITs and Foreign Universities (Saginaw Valley State University, IMFT) are carrying on.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	https://becbgk.edu/Research/Research_BEC.php
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

8.475

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

18

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

58

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

08

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. The main Functions of Innovation center are: To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion. Identify and reward innovations and share success stories. Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor-pool for student innovators. Network with peers and national entrepreneurship development organizations. Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students. Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries. The main objectives of the Incubation center are: 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 eco system

to convert the ideas in proof of concept and upgrade them to a level of commercial value. After successful incubation, encourage and lead the teams towards setting up a Business enterprise.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

25

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	https://www.becbgk.edu/Research/Research_BEC.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.2

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

10

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

968

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

3

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

15.34526

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

Rs. 150.65489 Lakhs

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Basaveshwar Engineering College organizes a number of extension activities in the institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme (NSS). The volunteers of NSS actively participate in activities organized in and around the campus and also the villages adopted for addressing social issues which include individual hygiene, tree plantation, social interaction, environmental awareness, women empowerment, awareness about AIDS, blood donation camps, health check up camps, veterinary guidance, farmers meet, maintenance of Goshalas, Covid-19 awareness programs, Vaccine awareness programs etc. Visit and support physically challenged children rehabilitation centers and old-age homes. The NSS Unit of the college also celebrates Sadbhavan Day on 20th August and Constitution Day on 26th November every year. Youth Red Cross (YRC) Unit, the wing of Red Cross Society has been started in the college to inculcate the spirit of social service, friendship and the ideals of peace into the minds of the students. Training in health care, first aid, fire fighting, rescue activities, personality development are some of the activities of YRC. It also lends helping hand in maintaining the campus green & clean.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

4

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

18

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

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

440

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

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

209

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

15

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

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 equipments, etc.

The campus is spread over 93.81 acres of land. The instructional area includes 74, 109 laboratories, 12 seminar halls, 2 workshops, 2 drawing halls, 4 research labs 3 centralized computer labs as per AICTE requirements. Every department is housed in separate building. The college has well equipped and spacious library. The Key features of the library include: RFID Security System, WEBOPAC, Electronic Resource Management package for e-journals, NPTEL (1200 videos), No. of Volumes: 1,42,000, No. of titles: 45,186, International e-journals: 10300, National Journals:162, E-books: 37,618. The digital infrastructure includes: Internet Bandwidth - Telexair ILL (1:1) - 1 Gbps, Sophos Firewall for Network Security, 88Cisco Managed Switches for Reliable Connectivity, 85Cisco Wireless Access Points for Seamless Wireless Connectivity, 1250 Desktop Computers & Laptops, 5 Lecture Capture Facility for live classes recording, and 95 Smart Classrooms for Interactive Teaching & Learning. Other Campus Infrastructure: The entire BEC is a Wi-Fi campus. The campus has both internet &

intranet facility in all departments and hostels. The other amenities include training and placement centre, Health Care Centre, Canteen, Student Counseling Cell, Incubation Centers, Idea Lab, 5.0 acres of playground with athletic track, Indoor stadium, Auditorium of 1650 capacity, Post office 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, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The BEC gives importance to the overall development of the students and organizes various sports, games and cultural activities on campus regularly. The institution provides requisite facilities for both indoor and outdoor sports to all students (Boys and Girls). The students participate in inter-institute, inter-university, state level and national level competitions in sports/cultural events. The cultural club has been established by the students to promote the participation in the cultural activities. The objective of the club is to conduct activities like audition for dance, music and singing there by identifying the talented students and motivating them for participation in youth festival organized by VTU, Belagavi. The club also organizes the Women's day, constitution day and cultural activities during Kannada Rajyotsava. The institute has also established a separate yoga and meditation center for the benefit of students and staff residing on college campus. Yoga classes are conducted during induction program for first year students. International yoga day is also celebrated to create awareness about healthy life style. The outdoor facilities for the sports include, athletic track, cricket ground, Basket Ball ground, Kabaddi, Volley ball and throw ball ground.

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

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

95

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

2022.81882

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The Library is housed in a spacious building having a 4200 sq.m plinth area and has over 1,42,000 volumes and 45,186 titles related to Science and all branches of Engineering. About 3800 bound volumes are available to the users. Resources are updated regularly by adding new collections in diverse formats viz. textbooks, reference books, reports, proceedings, abstracts & indexes, encyclopedias, data books, standards, CDs, educational videos, thesis/reports, etc. The Library and Information Centre is completely automated with Easylib software in the year 2002. At present, Bibliotheca RFID Security Systems is implemented with the financial assistance from TEQIP-III. Open-source library automation software KOHA Version 20.11.04.000 with a free license and free support from the koha community, supports SIP protocols (Session Initiation Protocol), also RFID tags are applied to all the collections. The software is having the facility of auto-generation of barcode labels. The users can borrow the Books from

Self Check in-Checkout KIOSK. The ILMS software KOHA is an International standard open-source and supports all library activities like cataloguing, acquisition, circulation, etc. The WEB OPAC facility is enabled through which the Books can be searched by Title, Author, any keyword and also reserve the Books by sitting anywhere in the world.

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

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

71.76

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

1270

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The proposed IT Policy applies to all systems/electronic gadgets, authorized resident/non-resident visitors' hardware connected to the BEC network. The IT policy is inclusive of central administrative departments (Library, Computer Centers), laboratories, offices, hostels, guest houses, and staff quarters wherever the network facility has been provided. Thus, the Computers connected to the campus network are subjected to the Do's and Don'ts detailed in the IT policy. The violations of IT policy laid down by the BEC may result in disciplinary action against the offender/s by the BEC authorities. If the matter involves illegal activities, law enforcement agencies may also be involved. The IT policies may be classified into the following groups: IT Hardware and installation Software Installation and Licensing Network (Intranet & Internet) Usage E-mail Account Usage Web Site Hosting BEC Database Usage Video Surveillance.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3114	1250

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on A. 50 Mbps

campus

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

4.3.4 - Institution has facilities for e-content development: **A. All four of the above Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

1016.84139

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

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

BEC campus area is spread over 93.81 acres in which 15 departments are housed. With an objective of ensuring the safety of occupants and maintaining the physical resources in good operational conditions following procedure is adapted.

- Detailed inspection of buildings is carried out from safety

and maintenance view, clearly recording the defects and deficiencies

- Letter to higher authorities seeking permission to carry out the work
- Preparation of detailed estimation of the work as per PWD schedule of rates
- Approval from PWD for the estimation and also Chairman Governing Council of the College
- Call for tenders from PWD licensed contractors
- Work will then be entrusted to lowest bidder as per PWD norms
- Progress and quality of the work will be monitored by Engineers of Development section.
- Development wing and then signed by the Development Officer and the Principal.
- Bill is then sent for approval from the Chairman Governing Council
- Payment will be made either through RTGS or by A/c payee Cheque.

Optimal utilization of resources i.e. class rooms and laboratories and computer centers is achieved by staggered timings of theory classes and laboratory sessions.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1674

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

155

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

645

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of

A. All of the above

statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

455

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

09

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

13

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

21

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

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has a gymkhana club headed by Principal and coordinated by gymkhana secretary. The general secretaries (boys and girls representative) and class representatives of different disciplines are selected based on their performance in academics. The gymkhana club organizes several activities such as sports, cultural and technical events at college level. A separate fund is allocated for the Gymkhana activities. Every department has its own student association consisting of student representatives under the guidance of faculty coordinators. The department associations are completely managed by the students and they conduct seminars/workshops/SDPs along with co-curricular/cultural activities / competitions. Academic bodies such as Board of Studies (BoS), Academic Council (AC), Board of Governors (BoG) and Internal Quality Assurance Cell (IQAC) have student representatives as invited members (one boy and one girl from both UG PG levels, selected based on the academic performance). The students participate in all the meetings conducted at department and institute level. The student representatives give inputs about

curriculum and examination reforms, organizing various co curricular and extracurricular activities, placement and career guidance trainings. The bottom up process has been adopted for both academic and administrative reforms.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Basaveshwar Engineering College, Bagalkot has established Alumni association as per the Government of Karnataka society act under the name Basaveshwar Engineering College Alumni Association (BECAA) in the year 2001. Executive body of the association is constituted of 15 members. Namma BEC ALUMNI APP has been developed by our college faculty and students in the year 2020. More than 5,000 Alumni have registered as members of the association. The purpose of BECAA is to encourage student-alumni interactions that would benefit the student community at BEC in terms of learning, through sharing the rich expertise in the field of their specialization.

Objectives of BECAA are

- To build a strong bond with alumni to enhance the technical know-how of students
- To promote collaborative research work through

projects/internships

- To establish laboratories in association with Industry
- To mentor students for achieving their personal and professional goals
- To Assist BEC students for improved placement opportunities

Alumni are invited to share their success stories and motivate and groom the students holistically. Alumni helps in providing internships, campus placements, project assistance, employee referrals to our students and facilitate industrial visits. These activities help to increase the employability of the students -and thus assist them to become successful engineers. Our Alumni settled in US, UK and middle East extend support to our students in terms of initial accommodation as a part of their stay during their higher education or employment. Alumni also help our students by providing scholarships to the meritorious students and sponsoring Gold medals/cash prizes to the academic toppers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://becbgk.edu/Alumni/Alumni_Home.php

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

In line with its vision, College strives to contribute to the building of a new social order based on human dignity and social justice to work towards empowerment of vulnerable, exploited groups in society at the local and global level. Its mission is to build a cadre of young committed professionals having a global perspective and strong value base of compassion, personal integrity, moderation, tolerance and self-respect. College adopts a democratic and participatory mode of governance in all its

decision making processes with all the stakeholders participating actively in its management. College has a Perspective/Strategic Plan in place to help it develop in a systematic, well-thought-out and phased manner. The Internal Quality Assurance Cell (IQAC) is instrumental in ensuring the quality of academic programmes and inculcating decentralization in college management. Teachers discharge an important role in implementing the vision and mission of the college and play a proactive part in the decision-making process. Review and planning meetings are held at the end of each academic year to help strengthen the connection between the Vision, Mission of the college, academic programs and field practicum. Various administrative and academic committees have been constituted to facilitate decentralised functioning mechanism in college.

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

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization and participative management of the College is visible in all its academic and administrative spheres. Multi-layered transparent governance system is ensured through written policies, systems and procedures, distinct job descriptions and committees, and accountability is ensured through consultation, evaluation and follow ups. Dean (Research) promotes research activities by encouraging the faculty to undertake advanced research and publication, and apply for projects and grants for research endeavors.

- Dean, Student Affairs facilitates the students' welfare and support programmes, co-curricular, extra-curricular and cultural activities.
- Dean, Academic Affairs observes the UGC guidelines on autonomy, and organizes the meetings of the statutory and nonstatutory bodies and committees for formal planning and approval of all academic and developmental activities
- Dean, Career Guidance formulates the policies for placement trainings and internship activities.
- Dean, Quality Assurance looks after development and application of quality benchmarks.

He also looks after setting parameters for various academic and administrative activities of the college. Academic activities are carried out under the Heads of the Department, Academic Section, Examination Cell and Coordinators of the Courses. Various committees are in place with representation of stake-holders to conduct the academic and administrative functions.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college has a strategic plan, which is a roadmap to achieve academic excellence. Strategic plan was strategically developed based on the resource-centric methodology after SWOT/SWOC analysis. The five resources considered in framing Institute Development Plan (IDP) are Human, Organizational, Infrastructure, Relational and Financial. Baseline data of the college related to these resources was considered to evolve strategic objectives and key activities. SWOC analysis of BEC was carried out with meticulous efforts from all stakeholders. A core committee consisting of principal, HoDs, three faculty members from each department participated in SWOT/SWOC analysis. Mentoring from the Department of Management Studies, IIT Madras was sought to train the core committee for carrying out BEC-SWOT/SWOC analysis. The major points covered in IDP are:

1. Improvement in Teaching and learning processes
2. To attract quality students by improving the academic performance of students
3. Research and development
4. To increase the number of research scholars in each research center

5. Community engagement

6. Human resource planning and development

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

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

Institution holds a well-organized tiered structure to upkeep any administrative proceedings that are vibrant and trustworthy with its commitments and can support operative resolution making. Institution endorses intelligibility in organizational structure to execute progressions that are dependable with effective resolution. The well defined organization structure directed by Governing Council and is instituted as per the by-laws of concerned authority. Under the guidance of Principal there are five other Deans: Academics, R&D, Career Guidance, Quality Assurance and Student Welfare.

In addition to these, well-defined policies and service rules such as recruitment process, guidelines for career advancement, guidelines for performance appraisal, leave rules, staff welfare schemes have been established and circulated for Appointment of Faculty, Working Hours, Late Coming, Permissions, Leaves -Absence, Conduct - Discipline, Dress. Besides academic departments headed by HoDs, there are other exclusive divisions headed by a senior faculty such as Library, Sports division, Career and Placement Guidance Cell, Centre for Entrepreneurship, Institution Innovation Cell, Industry Institute partnership Cell, Controller of Examination Cell, Internal Quality Assurance Cell, Design, Implement and Operate processes in order to continuously improve qualitatively and quantitatively in their respective domains that are functioning effectively under the guidance of Principal.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

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) Documen	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The common welfare measures provided for teaching and supporting staff are as follows :

For aided teaching: Family benefit fund (FBF) facility

For un-aided staff: Teaching - PF, Employment State Insurance Corporation (ESIC)

- GSII- Facility to all the staff members
- Medical facilities - 25 % discount on medical bills to all the employees of the Sangha availing medical facilities at BVV Sangha's Hanagal Shri Kumareswar Hospital, Bagalkot
- Quarters for faculty and staff
- Maternity leave, Paternity leave provided to all faculty and staff members
- Sports facilities are extended to faculty and staff members
- 25% of the revenue generated through consultancy is provided

to the concerned teaching, nonteaching and office staff

Various avenues provided for teaching and Non teaching staff for their career development are as follows:

- Promotions and Career Advancement Scheme (CAS)
- Deputation to higher education through Quality Improvement Programme (QIP) for the faculty members
- Paid leave of 4 months for writing PhD thesis for faculty members pursuing part time Ph.D.
- For teaching staff: Deputation to STTP, FDP, Conferences, Workshops, Trainings, and Symposia
- For Non-teaching: Skill Up gradation programs and Trainings.

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

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

11

File Description	Documents
Upload any additional information	View File
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 programmes organized by the Institution for its teaching and non-teaching staff during the year

03

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

69

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Principal and finance officer monitor the utilization of financial resources of the college.

Audits are being conducted regularly by authorized Chartered Accountants (CA).

- Internal audits are conducted each year by CA, Mr. Shivaram Hegde, Smt. Suvarna Kelur and Mr. M.N. Tapashetti
- External Auditing is carried out every year by Accounts Officer, Director of Technical Education, Bangalore
- The auditing by Accountant General (AG) office is done by Karnataka state Govt. on periodical Basis
- Auditing of utilization of grants received for various research projects by funding agencies such as AICTE, DST, CSIR etc, are done by CA, Mr. M.N. Tapashetti
- Compliance is given for the audit objections with proper documents and explanations and efforts are made to drop the objections raise

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

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

during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

BEC is an aided institute. It receives Grants from Government of Karnataka. Apart from Govt. grants, the resource mobilization is mainly through the following:

1. Fee from students
2. Interest on Investments
3. Interest on corpus
4. Grants from various agencies
5. Consultancy charges

Finance Committee is the principal financial body engaged in detailed examination of expenditure proposals ensuring that no expenditure is incurred in excess of the budget provision. While Planning and Monitoring Board makes department wise allocation of funds for equipment, books and buildings etc., the Purchase Committees, Equipment Committees and Building Committees ensure proper utilization of these allocated funds. The Institute has been able to start several new programmes and enhance the numbers in the existing programmes very rapidly because of this reason.

Monthly review of expenditure booked under various recurring and non-recurring heads helps in identifying the pace of booking as well as budgetary gaps which help in preparing Revised Budget. Financial control is exercised through various bodies/committees. Governing Council is at the apex approving all donations, contributions, endowments etc. Board of Management is responsible for approval of Budget, Annual financial statement, high value purchases, construction of new buildings, creation of posts etc.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The following have been institutionalized as a result of IQAC initiatives for incremental improvements with regard to quality are described below:

1. **Teaching-Learning process:** Faculty members have been using ICT tools optimally to make the teaching-learning process more effective. Smart class rooms and Lecture capturing facilities have helped the teacher in effective content delivery along with flexibility of learning for students. The college has enhanced IT infrastructure including modern teaching tools and gadgets. Owing to this, the college has been awarded E-LEAD certification from QS IGAUGE, an international accreditation agency. The stake holders' feedback is taken to revise the curriculum in accordance to the industrial needs. All departments conduct academic audit every year.

2. Research and Development

Following initiatives have been taken.

1. Encourage staff members to apply for patenting their research findings
2. Publish the research findings in refereed journals with high indexing and impact factor
3. To write research proposals for various funding agencies

Periodic progress of the research work of scholars is strictly monitored. Every research scholar has to mandatorily publish their research findings in refereed journals. No. of papers published

and grants received carries significant weightage in Faculty performance appraisal. Research review committee is in place.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Following two strategies are adopted for periodic review of academic processes.

1. **Academic Audit:** With an objective of assuring quality in all the academic activities viz. curriculum design, pedagogy, continuous and semester end examinations, etc. the college periodically conducts external and internal academic audits both at department and institution levels. Along with in-house faculty members, academicians from higher learning institutions and leading industries. The suggestions made during the audits are discussed in the Board of Studies (at the department level) and Academic council (at the institute level) and suitable resolutions are made for implementation. The Academic Audit will be conducted every academic year by all the departments.

2. **Stake Holders' feedback on curriculum and teaching learning process**

Design of curriculum and effective pedagogy are two important components of any educational institution. Recognizing the significance of these components, the college seeks responses from all the stake holders, namely, students, teachers, alumni, industry personals and employers about the curriculum for all the programs. The responses thus obtained are the valuable inputs for the design of curriculum by the respective BoS. Action taken report on the stake holders' feedback is prepared by all departments along with the impact analysis.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

We at Basaveshwar Engineering College provide a comprehensive range of security amenities especially for girls within the premises, through a dedicated team of security personnel. It is a common phenomenon that most of the outstation students enrolling for different courses come out of their homes and cities for the first time in their life. It is therefore of utmost importance for institutions to provide them a comfortable and safe ambience of 'feel at home' within the campus. Students should be given regular lessons about sexual assault and its prevention from the school level itself so that they become more aware and alert and do not hesitate in taking preventive and safety actions in case such

disdainful circumstances are encountered in future. So, following actions have been taken to ensure safety of the girl students.

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

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

B. Any 3 of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

Basaveshwar engineering college strongly believes that waste management has a direct and indirect impact on Climate change. One of the objectives of waste management is to keep the campus clean. The production of Methane and Carbon Monoxide from organic decomposes has a significant impact on climate change, which is of major global concern in the current world. To effectively address both the issues, the college uses the "Refuse, Reduce, Re-use, and Recycle" approach to handling various types of wastages on the campus. Solid Waste Management: College has a place on its campus where the solid waste materials are disposed. It is to notice that in the state of Chhattisgarh keeping a particular place for dumping the solid waste is in its culture. Therefore, every house has its own Solid waste management system. This system is called 'Ghurwa'. It is to be noticed that there is a flagship program of the state government that comprises of the concept of solid waste management. Keeping this in view, the college also manages its solid waste management system. However, there does not exist more waste from college. Liquid Waste Management- The wastewater is carried out through the pipelines. This system is made by the Public Welfare Department of the state government. Biomedical Waste Management- There is no biomedical waste management system in

the college.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Geotagged 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:

A. Any 4 or All of the above

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

File Description	Documents
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

- 1. Green audit**
- 2. Energy audit**
- 3.Environment audit**
- 4.Clean and green campus recognitions/awards**
- 5.Beyond the campus environmental promotional activities**

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

The teachers and staff jointly celebrate the cultural and regional festivals, like New-year's day, teacher's day, orientation and farewell program, Induction program, oath, plantation, Women's day, Yoga day, and also festivals like Ayudh Pooja celebration, Ganesha Festival. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities.

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

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

We at Basaveshwar Engineering College (BEC), believe in giving holistic all round education to the students. And sensitizing

students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. The college has introduced a compulsory paper on the Constitution of India across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. Also, students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. In addition to this many regular programs are conducted by Institute Innovation Council (IIC) cell of the institute to educate women about their rights. Seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizen. Seminars on topics like Right to Information, Sexual Harassment, and Gender Equity are conducted periodically. The students of BEC study constitution of India as a compulsory paper which sensitizes the students about constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

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

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

Vision and Mission being overall development of the students along with academics and sports. Also the institution takes great efforts in developing students personality . Therefore our college celebrates and organizes the birth anniversaries of national heroes and important days.

The college is in favor of commemorating festivals and events on campus. It is essential to education and the development of a student's strong cultural beliefs. College festivals and events are frequently celebrated with a lot of fanfare. Consequently, Basaveshwar Engineering College commemorates and plans significant days and the birth anniversaries of national heroes. We commemorated a number of holidays during the 2023-24 academic year, including National Science Day, Independence Day, Republic Day, International Women's Day, World Environment Day, and International Yoga Day. We also commemorated the birth anniversaries of Swami Vivekananda, Lokmanya Tilak V. V. Shirwadkar, also known as "Kusumagraj" (Marathi Bhasha Din), Smt. Savitribai Phule, and Dr. Sarvapalli Radhakhishnan. Additionally, according to the college, education will provide pupils with the proper foundation for growth and development.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Our practice is in having the clear Vision and Mission to nurture the innovation spirit in student's minds by creating and providing a great platform to come up with the solutions for various problems as Ideation competitions and hackathons and many social entrepreneurial activities. Identifying the need for various local community-based markets and targeted towards the solutions.

Innovation and Entrepreneurship Development Cell (EDC) was established at Basaveshwar engineering college to enable a creative, innovative design thinking mindset with problem-solving skills and excellence in research for sustainable Business Models/Startups among young generation towards the capacity and capability of building Atmanirbhar Bharat.

Now a days, students are technically competent but they can't get employed unless they are good at Quantitative, Logical, Verbal aptitude, writing skills, communication, resume building skills and coding skills, we have initiated this practice in our institute to improve the student's aptitude and problem solving skills by inducting the aptitude classes along with regular academics. Majority of our students hail from rural background where there is less scope to speak in any other language except their mother tongue, therefore communication skills training in English is essential to make the students to open up and express themselves.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

1. ICT Integration in Teaching, Learning and Administration:

Computer technologies and other aspects of digital culture have changed the way teaching-learning, impacting the construction and distribution of knowledge.

2. The performance of the institution in one area distinctive to its priority: College gives priority to promote education to poor students of rural background. The students of the locality can't afford their education in the urban colleges, due to several reasons basically financial. So, our college provides academic environment to those aspiring students of the rural area so that they can move ahead in their academic endeavour. Keeping holistic development of the students in view, the college encourage them to participate in extracurricular activities (NSS, cultural, literary and sports) so that they cop up with students of the main stream. Besides, the college also organizes several talks, seminars, workshops etc., to apprise students to the burning national and international issues.

3. Local people are allowed to use all the avail facilities of the college such as the playground for running, walking and sports activities for their physical development, the college auditorium for cultural activities and conferences etc.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Curriculum is designed to ensure that, the students acquire the requisite domain knowledge, skills, moral and ethical values. In order to meet the technological developments at regional, national and international level, the curriculum of various programs offered by the institute is framed taking into consideration (i) AICTE Model curriculum, (ii) Curricular structure of affiliating university (VTU), (iii) Program Specific Criteria of professional bodies, (iv) Feedback from industry experts and alumni, (v) Syllabus of Indian/International higher learning institutions (vi) Syllabus of various competitive exams like GATE, IES etc, and (vii) Recent technological developments in their respective domain. The Board of Studies (BoS) is constituted as per the prevailing norms with representation from experts from higher learning institutions, industries, alumni and students (invited members). The curriculum is placed for discussion and approval by the BOS and based on suggestions, the curriculum is revised and submitted to the Academic Council (AC) for review and approval. The curriculum approved by the Academic Council is incorporated. Each course has Course Outcomes (COs) and their mapping with the Program Outcomes (POs) and also Program Specific Outcomes (PSOs) defined by respective departments. It is ensured that every PO is addressed by at least two courses in the CO-PO mapping matrix. Various assessment tools are used to measure the COs, PO's. An effective implementation of the Outcome Based Education (OBE) ensures that, the graduating engineers have attributes of all the 12 POs to compete on a global platform.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year**7**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**376**

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year****33**

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

BEC curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

1. Gender Sensitivity: The college has Internal Complaint Committee to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of girl students, ladies staff and faculty. The college campus is secured with CCTV surveillance cameras. Self-defense training to girl students, SDP, FDP are conducted under Equity Assurance Plan.

2. Environment and Sustainability: The NSS team has organised several environmental and health care activities like Swatch Bharat Abhiyan, World Water Day, Plantation & watering of plants on the Environmental day. World Environment day is celebrated every year covering activities to address the issues related to environment, air and water pollution. The college has Rain water harvesting system and Solar energy park (green energy initiative), Established air quality monitoring system in association with Pollution Control Board, Govt. of Karnataka

3. Human Values and Professional Ethics: The college takes efforts for integration of ethical and human values through extra-curricular activities also. Different social activities have been initiated by the college like Health and Hygiene awareness programs, Blood donation camps, etc. IEEE and placement cell conducts training activities to build profession

ethics.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year**2**

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**78**

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**1996**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System	
1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.aicte-india.org/feedback/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded
1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken
File Description	Documents
Provide URL for stakeholders' feedback report	https://www.aicte-india.org/feedback/
Any additional information	View File
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
3114	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	
274	

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 students' learning levels and organises special programmes for both slow and advanced learners.

Students enrolled in the department are identified as slow and advanced learners based on their marks obtained. This helps to identify the slow learners and to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners.

Advanced learners and slow learners have identified as per their responses in the classroom as well as the performance in the Unit test, internal examinations. The departments use monitoring and mentoring to keep track of slow learners' progress.

Along with teachers, some advanced learners are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counseling sessions are held and additional teaching is taken up if required. Tutoring by mentors is offered. Faculty makes it a point to be patient and accessible to students personally, over the phone, mail, and social apps.

Advanced learners are encouraged to study the contents of the syllabus effectively so as to achieve a high percentage of marks and a good score in GATE, NET. Gold Medals are awarded to the toppers in the Convocation. Meritorious students are included as members of Committees. Training and Placement Cell provides training in interview skills and communication skills. Proficiency in English classes, Personality Development programs are organized to enhance the employability of the students.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/08/2024	3114	181

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

BEC strives to integrate experiential, participatory, and problem solving methodologies by devising innovative teaching-learning methodologies that bring a profound learning experience for the divergent students in the DIGITAL ERA. Engaging the learner throughout the lecture session has been the best and acceptable methods of the teaching learning process. The traditional method of teaching inside the classroom engaged the students throughout the lecture session but the learner involvement could not be achieved and the evaluation process is not in an outcome-based method. The traditional way of lecture delivery is teacher centric, not student centred. Teaching learning method following the same traditional way of lecturing, content delivery and traditional formative assessment procedures followed are not a suitable assessment for observing the learners' learning experience. Mostly there are no assessments followed for observing the learners' learning experience. Our institution followed experiential learning, participatory learning and problem solving methodologies for enhancing learners learning experience. Various Participatory and Experiential learning activities followed in our institution Participatory Learning Methods • Seminar • Home Assignments • Presentations • Group discussions • Case Analysis • Role plays.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT tools empower both teachers and learners. They transform the teaching and learning processes from being highly teacher dominated to becoming student-centric and this transformation results in increased learning gains for students, creating and allowing for opportunities for learners. In addition, they are cost-efficient and eliminate the usage of paper. Alongside minimizing cost, they also save time during class lectures enabling swift and dynamic transmission of content. They provide access to dynamic teaching and learning methods and facilitate easy student management. ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. Students enjoy while learning and perform better. Besides the chalk and talk method of teaching, the college makes intensive use of ICT enabled tools, including online resources for effective teaching and learning process. The faculty use ICT enabled classrooms with LCD projectors, Wi-Fi connectivity, software, Power Point presentations developed by teachers to expose the students to advanced knowledge and practical learning. The faculty uses different methods of teaching based on the need of the learners and the subject taught. The institution is also using IT enabled learning tools such as PPT, Video clippings, animations, video demonstrations from online sources apart from providing reading materials and lab manuals through emails and other methods for effective teaching learning process.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

145

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Dean for Academic Affairs in consultation with the Principal and other officials, prepares the Academic Calendar for the effective functioning of the Institution. The Calendar includes the details of all the working days with day order, holidays, dates of the Continuous Internal Assessment Tests, list of activities of academic year and the dates of national as well as religious importance. The calendar of common programmes is printed in the handbook and distributed to all students at the beginning of the academic year. The same is also uploaded on the website. The institution carries out the activities as per the calendar. The concerned faculty members prepare teaching plan for their respective subjects. These class hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. The planning is made in advance and serves as guide for conducting sessions. The principal, Deans and HoDs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

181

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

89

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

16.2

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year****11**

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**475**

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

IT Integration and Reforms: The Office of the Controller of Examinations integrated the Information Technology in the management of Examination System. Mark entry, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results are automated. The mark statement of every semester is accessible to restricted users, especially to the Heads of the Departments to assess the performance of students periodically and guide them properly. Challan for the payment of Examination fee and hall tickets are computer-generated. The payment of Examination Fee has been upgraded to online mode. The students can login to the portal of the Controller of Examinations for downloading their hall tickets. **Supplementary Examinations:** The conduct of the Supplementary Examination is a healthy practice of the Examination System allowing the outgoing students to clear a maximum of three courses in order

to complete their programme within the stipulated time.

Transparency: It is a best practice of the Institution which strengthens the credibility of the Examination System. On the day of the transparency, the students are given an opportunity to go through their evaluated answer scripts of the Semester End Examinations. The grievances addressed by the students are duly rectified.

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

2.6 - Student Performance and Learning Outcomes

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

The College follows the Choice Based Credit System (CBCS) to widen the teaching and learning activities by which students have the flexibility to opt for courses of their choice. The curricula under CBCS have been strengthened with the introduction of OBE and the courses have been reinforced with desirable outcomes. Evaluation system has been modified to evaluate the courses with respect to the desirable outcomes. OBE helps the learners to achieve higher order learning levels based on Revised Bloom's Taxonomy, master the courses, and develop different skills as expected in each course. Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs) for all programmes offered by the Institute are clearly stated, displayed on the BEC website and communicated to teachers and students. The PEOs have been categorized into three sections such as Academic Values, Social Sensibilities and Moral and Spiritual Values. Integrating different stakeholders of the systems, the competencies and the performance Indicators for each of the Program Education Objectives are also defined and which in turn lead to design of comprehensive course level competencies and performance indicators. All students are apprised of the objectives and expected outcomes of their programme on admission during the compulsory Orientation programs. Students are also educated and provided with the detailed syllabus and course outcomes in each course and the assessment strategy for each course.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	www.becbgk.edu

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The level of attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are measured using various indicators throughout the semester of the academic year. The faculty records the performance of each student with the help of the specified course outcomes through a continuous evaluation process. Some of the key indicators of measuring attainment are:

Semester End Examination: The students are required to take examinations as per the semester and annual pattern set by the university, through which the institution measures programme outcomes based on the course attainment level fixed by the course instructor.

Internal Assessment: The Internal Assessment constitutes 50% weightage of the total marks (100) in each course. The students are given two internal examinations each of 20 marks. 10 marks for assignments are designed in alignment with Programme Outcomes of the respective course.

Practical Assessment: It is evaluated by inviting external experts to evaluate each student by conducting Practical examinations, and taking Viva-Voce and evaluating the practical files.

Result Analysis: At the end of each semester, result analysis of each course is carried out indicating the percentage of students falling in different categories of CGPA obtained. This is an effective indicator in order to evaluate the level of attainment of POs, PSOs and COs as specified.

Internships and Placements: Students are encouraged to take up internships, projects, fieldwork, etc.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

644

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	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://119.161.97.228/feedback/login.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The college has 181 well-qualified faculty with 89 faculty having Ph.D. degrees. Most of the faculty have completed Ph.D. from IIT, NIT, VTU and are involved in Quality teaching-learning processes. At present, 95 scholars are pursuing their PhD and 172 scholars have been awarded the doctorate degree till date, in 10 research centers recognized by VTU Belagavi. The proactive core research activities have helped the College in securing grants to the tune of Rs. 7.04 Crores in the last

five years, apart from 39.79 crores under Technical Education Quality Improvement Programme (TEQIP) of World Bank. The College has effectively utilized the support received under all three phases of TEQIP and has emerged as one of the best performing Institutions in the area in Technical Education and Research. The research achievements being 800+ publications in National and International peer reviewed journals and 348 (297 papers in UGC listed journals) in national and International conferences during last five years. To promote research 19 PG laboratories and modernized 49 UG laboratories are established. High quality research facilities are created in the areas of Environmental Engg., Structural Engg., Geotechnical Engg., Renewable Energy, Modern Machining, Molecular Biology, Bio-Chemical Laboratories. Laboratories such as Bosch Rexroth center for industrial automation, SCADA laboratory, MEMS design centre, Biodiesel centre established in association with Industries. Collaborative research with IISc., IITs and NITs and Foreign Universities (Saginaw Valley State University, IMFT) are carrying on.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	https://becbgk.edu/Research/Research_BEC.php
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

8.475

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year**18**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides**58**

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**08**

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are

encouraged to actively involve in the application of Technology for societal needs. The main Functions of Innovation center are: To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion. Identify and reward innovations and share success stories. Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor-pool for student innovators. Network with peers and national entrepreneurship development organizations. Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students. Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries. The main objectives of the Incubation center are: 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 eco system to convert the ideas in proof of concept and upgrade them to a level of commercial value. After successful incubation, encourage and lead the teams towards setting up a Business enterprise.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

25

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through

A. All of the above

the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	https://www.becbgk.edu/Research/Research_BEC.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.2

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year**10**

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year****968**

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year****3**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****15.34526**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

Rs. 150.65489 Lakhs

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Basaveshwar Engineering College organizes a number of extension activities in the institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme (NSS). The volunteers of NSS actively participate in activities organized in and around the campus and also the villages adopted for addressing social issues which include individual hygiene, tree plantation, social interaction, environmental awareness, women empowerment,

awareness about AIDS, blood donation camps, health check up camps, veterinary guidance, farmers meet, maintenance of Goshalas, Covid-19 awareness programs, Vaccine awareness programs etc. Visit and support physically challenged children rehabilitation centers and old-age homes. The NSS Unit of the college also celebrates Sadbhavan Day on 20th August and Constitution Day on 26th November every year. Youth Red Cross (YRC) Unit, the wing of Red Cross Society has been started in the college to inculcate the spirit of social service, friendship and the ideals of peace into the minds of the students. Training in health care, first aid, fire fighting, rescue activities, personality development are some of the activities of YRC. It also lends helping hand in maintaining the campus green & clean.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

4

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

18

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

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

440

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

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

209

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

15

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

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 equipments, etc.

The campus is spread over 93.81 acres of land. The instructional area includes 74, 109 laboratories, 12 seminar halls, 2 workshops, 2 drawing halls, 4 research labs 3 centralized computer labs as per AICTE requirements. Every department is housed in separate building. The college has well equipped and spacious library. The Key features of the library include: RFID Security System, WEBOPAC, Electronic Resource Management package for e-journals, NPTEL (1200 videos), No. of Volumes: 1,42,000, No. of titles: 45,186, International e-journals: 10300, National Journals:162, E-books: 37,618. The digital infrastructure includes: Internet Bandwidth - Telexair ILL (1:1) - 1 Gbps, Sophos Firewall for Network Security, 88Cisco Managed Switches for Reliable Connectivity, 85Cisco Wireless Access Points for Seamless Wireless Connectivity, 1250 Desktop Computers & Laptops, 5 Lecture Capture Facility for live classes recording, and 95 Smart Classrooms for Interactive Teaching & Learning. Other Campus Infrastructure: The entire BEC is a Wi-Fi campus. The campus has both internet & intranet facility in all departments and hostels. The other amenities include training and placement centre, Health Care Centre, Canteen, Student Counseling Cell, Incubation Centers, Idea Lab, 5.0 acres of playground with athletic track, Indoor stadium, Auditorium of 1650 capacity, Post office 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, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The BEC gives importance to the overall development of the students and organizes various sports, games and cultural activities on campus regularly. The institution provides requisite facilities for both indoor and outdoor sports to all students (Boys and Girls). The students participate in inter-institute, inter-university, state level and national level competitions in sports/cultural events. The cultural club has been established by the students to promote the participation

in the cultural activities. The objective of the club is to conduct activities like audition for dance, music and singing there by identifying the talented students and motivating them for participation in youth festival organized by VTU, Belagavi. The club also organizes the Women's day, constitution day and cultural activities during Kannada Rajyotsava. The institute has also established a separate yoga and meditation center for the benefit of students and staff residing on college campus. Yoga classes are conducted during induction program for first year students. International yoga day is also celebrated to create awareness about healthy life style. The outdoor facilities for the sports include, athletic track, cricket ground, Basket Ball ground, Kabaddi, Volley ball and throw ball ground.

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

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

95

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

2022.81882

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

The Library is housed in a spacious building having a 4200 sq.m plinth area and has over 1,42,000 volumes and 45,186 titles related to Science and all branches of Engineering. About 3800 bound volumes are available to the users. Resources are updated regularly by adding new collections in diverse formats viz. textbooks, reference books, reports, proceedings, abstracts & indexes, encyclopedias, data books, standards, CDs, educational videos, thesis/reports, etc. The Library and Information Centre is completely automated with Easylib software in the year 2002. At present, Bibliotheca RFID Security Systems is implemented with the financial assistance from TEQIP-III. Open-source library automation software KOHA Version 20.11.04.000 with a free license and free support from the koha community, supports SIP protocols (Session Initiation Protocol), also RFID tags are applied to all the collections. The software is having the facility of auto-generation of barcode labels. The users can borrow the Books from Self Check in-Checkout KIOSK. The ILMS software KOHA is an International standard open-source and supports all library activities like cataloguing, acquisition, circulation, etc. The WEB OPAC facility is enabled through which the Books can be searched by Title, Author, any keyword and also reserve the Books by sitting anywhere in the world.

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu

A. Any 4 or more of the above

**Shodhganga Membership e-books
Databases Remote access to e-resources**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

71.76

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)
4.2.4.1 - Number of teachers and students using the library per day during the year

1270

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The proposed IT Policy applies to all systems/electronic gadgets, authorized resident/non-resident visitors' hardware connected to the BEC network. The IT policy is inclusive of central administrative departments (Library, Computer Centers),

laboratories, offices, hostels, guest houses, and staff quarters wherever the network facility has been provided. Thus, the Computers connected to the campus network are subjected to the Do's and Don'ts detailed in the IT policy. The violations of IT policy laid down by the BEC may result in disciplinary action against the offender/s by the BEC authorities. If the matter involves illegal activities, law enforcement agencies may also be involved. The IT policies may be classified into the following groups: IT Hardware and installation Software Installation and Licensing Network (Intranet & Internet) Usage E-mail Account Usage Web Site Hosting BEC Database Usage Video Surveillance.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3114	1250

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 250 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing

A. All four of the above

equipments and software for editing

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)****1016.84139**

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

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

BEC campus area is spread over 93.81 acres in which 15 departments are housed. With an objective of ensuring the safety of occupants and maintaining the physical resources in good operational conditions following procedure is adapted.

- Detailed inspection of buildings is carried out from safety and maintenance view, clearly recording the defects and deficiencies
- Letter to higher authorities seeking permission to carry out the work
- Preparation of detailed estimation of the work as per PWD schedule of rates
- Approval from PWD for the estimation and also Chairman Governing Council of the College
- Call for tenders from PWD licensed contractors
- Work will then be entrusted to lowest bidder as per PWD norms
- Progress and quality of the work will be monitored by Engineers of Development section.

- Development wing and then signed by the Development Officer and the Principal.
- Bill is then sent for approval from the Chairman Governing Council
- Payment will be made either through RTGS or by A/c payee Cheque.

Optimal utilization of resources i.e. class rooms and laboratories and computer centers is achieved by staggered timings of theory classes and laboratory sessions.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1674

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

155

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

5.1.3 - The following Capacity Development

A. All of the above

and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

645

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

455

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

09

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

13

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

21

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

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has a gymkhana club headed by Principal and coordinated by gymkhana secretary. The general secretaries (boys and girls representative) and class representatives of different disciplines are selected based on their performance in academics. The gymkhana club organizes several activities such as sports, cultural and technical events at college level. A separate fund is allocated for the Gymkhana activities. Every department has its own student association consisting of student representatives under the guidance of faculty coordinators. The department associations are completely managed by the students and they conduct seminars/workshops/SDPs along with co-curricular/cultural activities / competitions. Academic bodies such as Board of Studies (BoS), Academic Council (AC), Board of Governors (BoG) and Internal Quality Assurance Cell (IQAC) have student representatives as invited members (one boy and one girl from both UG PG levels, selected based on the academic performance). The students participate in all the meetings conducted at department and institute level. The student representatives give inputs about curriculum and examination reforms, organizing various co curricular and extracurricular activities, placement and career guidance trainings. The bottom up process has been adopted for both academic and administrative reforms.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Basaveshwar Engineering College, Bagalkot has established Alumni association as per the Government of Karnataka society act under the name Basaveshwar Engineering College Alumni Association (BECAA) in the year 2001. Executive body of the association is constituted of 15 members. Namma BEC ALUMNI APP has been developed by our college faculty and students in the year 2020. More than 5,000 Alumni have registered as members of the association. The purpose of BECAA is to encourage student-alumni interactions that would benefit the student community at BEC in terms of learning, through sharing the rich expertise in the field of their specialization.

Objectives of BECAA are

- To build a strong bond with alumni to enhance the technical know-how of students
- To promote collaborative research work through projects/internships
- To establish laboratories in association with Industry
- To mentor students for achieving their personal and professional goals

- To Assist BEC students for improved placement opportunities

Alumni are invited to share their success stories and motivate and groom the students holistically. Alumni helps in providing internships, campus placements, project assistance, employee referrals to our students and facilitate industrial visits. These activities help to increase the employability of the students -and thus assist them to become successful engineers. Our Alumni settled in US, UK and middle East extend support to our students in terms of initial accommodation as a part of their stay during their higher education or employment. Alumni also help our students by providing scholarships to the meritorious students and sponsoring Gold medals/cash prizes to the academic toppers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://becbgk.edu/Alumni/Alumni_Home.php

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

In line with its vision, College strives to contribute to the building of a new social order based on human dignity and social justice to work towards empowerment of vulnerable, exploited groups in society at the local and global level. Its mission is to build a cadre of young committed professionals having a global perspective and strong value base of compassion, personal integrity, moderation, tolerance and self-respect. College adopts a democratic and participatory mode of governance in all its decision making processes with all the stakeholders participating actively in its management. College

has a Perspective/Strategic Plan in place to help it develop in a systematic, well-thought-out and phased manner. The Internal Quality Assurance Cell (IQAC) is instrumental in ensuring the quality of academic programmes and inculcating decentralization in college management. Teachers discharge an important role in implementing the vision and mission of the college and play a proactive part in the decision-making process. Review and planning meetings are held at the end of each academic year to help strengthen the connection between the Vision, Mission of the college, academic programs and field practicum. Various administrative and academic committees have been constituted to facilitate decentralised functioning mechanism in college.

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

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Decentralization and participative management of the College is visible in all its academic and administrative spheres. Multi-layered transparent governance system is ensured through written policies, systems and procedures, distinct job descriptions and committees, and accountability is ensured through consultation, evaluation and follow ups. Dean (Research) promotes research activities by encouraging the faculty to undertake advanced research and publication, and apply for projects and grants for research endeavors.

- Dean, Student Affairs facilitates the students' welfare and support programmes, co-curricular, extra-curricular and cultural activities.
- Dean, Academic Affairs observes the UGC guidelines on autonomy, and organizes the meetings of the statutory and nonstatutory bodies and committees for formal planning and approval of all academic and developmental activities
- Dean, Career Guidance formulates the policies for placement trainings and internship activities.
- Dean, Quality Assurance looks after development and application of quality benchmarks.

He also looks after setting parameters for various academic and

administrative activities of the college. Academic activities are carried out under the Heads of the Department, Academic Section, Examination Cell and Coordinators of the Courses. Various committees are in place with representation of stakeholders to conduct the academic and administrative functions.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college has a strategic plan, which is a roadmap to achieve academic excellence. Strategic plan was strategically developed based on the resource-centric methodology after SWOT/SWOC analysis. The five resources considered in framing Institute Development Plan (IDP) are Human, Organizational, Infrastructure, Relational and Financial. Baseline data of the college related to these resources was considered to evolve strategic objectives and key activities. SWOC analysis of BEC was carried out with meticulous efforts from all stakeholders. A core committee consisting of principal, HoDs, three faculty members from each department participated in SWOT/SWOC analysis. Mentoring from the Department of Management Studies, IIT Madras was sought to train the core committee for carrying out BEC-SWOT/SWOC analysis. The major points covered in IDP are:

1. Improvement in Teaching and learning processes
2. To attract quality students by improving the academic performance of students
3. Research and development
4. To increase the number of research scholars in each research center

5. Community engagement

6. Human resource planning and development

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

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

Institution holds a well-organized tiered structure to upkeep any administrative proceedings that are vibrant and trustworthy with its commitments and can support operative resolution making. Institution endorses intelligibility in organizational structure to execute progressions that are dependable with effective resolution. The well defined organization structure directed by Governing Council and is instituted as per the by-laws of concerned authority. Under the guidance of Principal there are five other Deans: Academics, R&D, Career Guidance, Quality Assurance and Student Welfare.

In addition to these, well-defined policies and service rules such as recruitment process, guidelines for career advancement, guidelines for performance appraisal, leave rules, staff welfare schemes have been established and circulated for Appointment of Faculty, Working Hours, Late Coming, Permissions, Leaves -Absence, Conduct - Discipline, Dress. Besides academic departments headed by HoDs, there are other exclusive divisions headed by a senior faculty such as Library, Sports division, Career and Placement Guidance Cell, Centre for Entrepreneurship, Institution Innovation Cell, Industry Institute partnership Cell, Controller of Examination Cell, Internal Quality Assurance Cell, Design, Implement and Operate processes in order to continuously improve qualitatively and quantitatively in their respective domains that are functioning effectively under the guidance of Principal.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

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	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The common welfare measures provided for teaching and supporting staff are as follows :

For aided teaching: Family benefit fund (FBF) facility

For un-aided staff: Teaching - PF, Employment State Insurance Corporation (ESIC)

- GSLI- Facility to all the staff members
- Medical facilities - 25 % discount on medical bills to all the employees of the Sangha availing medical facilities at BVV Sangha's Hanagal Shri Kumareshwar Hospital, Bagalkot
- Quarters for faculty and staff
- Maternity leave, Paternity leave provided to all faculty and staff members

- Sports facilities are extended to faculty and staff members
- 25% of the revenue generated through consultancy is provided to the concerned teaching, nonteaching and office staff

Various avenues provided for teaching and Non teaching staff for their career development are as follows:

- Promotions and Career Advancement Scheme (CAS)
- Deputation to higher education through Quality Improvement Programme (QIP) for the faculty members
- Paid leave of 4 months for writing PhD thesis for faculty members pursuing part time Ph.D.
- For teaching staff: Deputation to STTP, FDP, Conferences, Workshops, Trainings, and Symposia
- For Non-teaching: Skill Up gradation programs and Trainings.

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

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

11

File Description	Documents
Upload any additional information	View File
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 programmes organized by the Institution for its teaching and non-teaching staff during the year

03

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

69

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Principal and finance officer monitor the utilization of financial resources of the college.

Audits are being conducted regularly by authorized Chartered Accountants (CA).

- Internal audits are conducted each year by CA, Mr. Shivaram Hegde, Smt. Suvarna Kelur and Mr. M.N. Tapashetti
- External Auditing is carried out every year by Accounts Officer, Director of Technical Education, Bangalore
- The auditing by Accountant General (AG) office is done by Karnataka state Govt. on periodical Basis
- Auditing of utilization of grants received for various research projects by funding agencies such as AICTE, DST, CSIR etc, are done by CA, Mr. M.N. Tapashetti
- Compliance is given for the audit objections with proper documents and explanations and efforts are made to drop

the objections raise

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

BEC is an aided institute. It receives Grants from Government of Karnataka. Apart from Govt. grants, the resource mobilization is mainly through the following:

1. Fee from students 2. Interest on Investments 3. Interest on corpus 4. Grants from various agencies 5. Consultancy charges

Finance Committee is the principal financial body engaged in detailed examination of expenditure proposals ensuring that no expenditure is incurred in excess of the budget provision. While Planning and Monitoring Board makes department wise allocation of funds for equipment, books and buildings etc., the Purchase Committees, Equipment Committees and Building Committees ensure proper utilization of these allocated funds. The Institute has been able to start several new programmes and enhance the numbers in the existing programmes very rapidly because of this reason.

Monthly review of expenditure booked under various recurring and non-recurring heads helps in identifying the pace of booking as well as budgetary gaps which help in preparing

Revised Budget. Financial control is exercised through various bodies/committees. Governing Council is at the apex approving all donations, contributions, endowments etc. Board of Management is responsible for approval of Budget, Annual financial statement, high value purchases, construction of new buildings, creation of posts etc.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The following have been institutionalized as a result of IQAC initiatives for incremental improvements with regard to quality are described below:

1. **Teaching-Learning process:** Faculty members have been using ICT tools optimally to make the teaching-learning process more effective. Smart class rooms and Lecture capturing facilities have helped the teacher in effective content delivery along with flexibility of learning for students. The college has enhanced IT infrastructure including modern teaching tools and gadgets. Owing to this, the college has been awarded E-LEAD certification from QS IGAUGE, an international accreditation agency. The stake holders' feedback is taken to revise the curriculum in accordance to the industrial needs. All departments conduct academic audit every year.

2. Research and Development

Following initiatives have been taken.

1. Encourage staff members to apply for patenting their research findings

2. Publish the research findings in refereed journals with high indexing and impact factor

3. To write research proposals for various funding agencies

Periodic progress of the research work of scholars is strictly monitored. Every research scholar has to mandatorily publish their research findings in refereed journals. No. of papers published and grants received carries significant weightage in Faculty performance appraisal. Research review committee is in place.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Following two strategies are adopted for periodic review of academic processes.

1. **Academic Audit:** With an objective of assuring quality in all the academic activities viz. curriculum design, pedagogy, continuous and semester end examinations, etc. the college periodically conducts external and internal academic audits both at department and institution levels. Along with in-house faculty members, academicians from higher learning institutions and leading industries. The suggestions made during the audits are discussed in the Board of Studies (at the department level) and Academic council (at the institute level) and suitable resolutions are made for implementation. The Academic Audit will be conducted every academic year by all the departments.

2. **Stake Holders' feedback on curriculum and teaching learning process**

Design of curriculum and effective pedagogy are two important components of any educational institution. Recognizing the significance of these components, the college seeks responses from all the stake holders, namely, students, teachers, alumni, industry personals and employers about the curriculum for all the programs. The responses thus obtained are the valuable inputs for the design of curriculum by the respective BoS. Action taken report on the stake holders' feedback is prepared by all departments along with the impact analysis.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

We at Basaveshwar Engineering College provide a comprehensive range of security amenities especially for girls within the premises, through a dedicated team of security personnel. It is a common phenomenon that most of the outstation students enrolling for different courses come out of their homes and cities for the first time in their life. It is therefore of utmost importance for institutions to provide them a comfortable and safe ambience of 'feel at home' within the campus. Students should be given regular lessons about sexual assault and its prevention from the school level itself so that they become more aware and alert and do not hesitate in taking

preventive and safety actions in case such disdainful circumstances are encountered in future. So, following actions have been taken to ensure safety of the girl students.

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: 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
Geotagged 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 a maximum of 200 words)

Basaveshwar engineering college strongly believes that waste management has a direct and indirect impact on Climate change. One of the objectives of waste management is to keep the campus clean. The production of Methane and Carbon Monoxide from organic decomposes has a significant impact on climate change, which is of major global concern in the current world. To effectively address both the issues, the college use the "Refuse, Reduce, Re-use, and Recycle" approach to handling various types of wastages on the campus. Solid Waste Management: College has a place on its campus where the solid wastes materials are disposed. It is to notice that in the state of Chhattisgarh keeping a particular place for dumping the solid waste is in its culture. Therefore, every house has its own Solid waste management system. This system is called 'Ghurwa'. It is to be noticed that there is flagship program of the state government that comprises of the concept of solid waste management. Keeping this in view, the college also manages its solid waste management system. However, there does not exist more waste from college. Liquid Waste Management- The wastewater is carried out through the pipelines. This system is

made by the Public Welfare Department of the state government. Biomedical Waste Management- There is nobiomedical waste management system in the college.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Geotagged 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:

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

A. Any 4 or All of the above

File Description	Documents
Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	A. Any 4 or all of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information:	A. Any 4 or all of the above
--	------------------------------

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

The teachers and staff jointly celebrate the cultural and regional festivals, like New-year's day, teacher's day, orientation and farewell program, Induction program, oath, plantation, Women's day, Yoga day, and also festivals like Ayudh Pooja celebration, Ganesha Festival. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities.

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

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

We at Basaveshwar Engineering College (BEC), believe in giving holistic all round education to the students. And sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. The college has introduced a compulsory paper on the Constitution of India across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. Also, students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. In addition to this many regular programs are conducted by Institute Innovation Council (IIC) cell of the institute to educate women about their rights. Seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizen. Seminars on topics like Right to Information, Sexual Harassment, and Gender Equity are conducted periodically. The students of BEC study constitution of India as a compulsory paper which sensitizes the students about constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

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

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

Vision and Mission being overall development of the students along with academics and sports. Also the institution takes great efforts in developing students personality . Therefore our college celebrates and organizes the birth anniversaries of national heroes and important days.

The college is in favor of commemorating festivals and events on campus. It is essential to education and the development of a student's strong cultural beliefs. College festivals and events are frequently celebrated with a lot of fanfare. Consequently, Basaveshwar Engineering College commemorates and plans significant days and the birth anniversaries of national heroes. We commemorated a number of holidays during the 2023-24 academic year, including National Science Day, Independence Day, Republic Day, International Women's Day, World Environment Day, and International Yoga Day. We also commemorated the birth anniversaries of Swami Vivekananda, Lokmanya Tilak V. V. Shirwadkar, also known as "Kusumagraj" (Marathi Bhasha Din), Smt. Savitribai Phule, and Dr. Sarvapalli Radhakhishnan. Additionally, according to the college, education will provide pupils with the proper foundation for growth and development.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Our practice is in having the clear Vision and Mission to nurture the innovation spirit in student's minds by creating and providing a great platform to come up with the solutions for various problems as Ideation competitions and hackathons and many social entrepreneurial activities. Identifying the need for various local community-based markets and targeted towards the solutions.

Innovation and Entrepreneurship Development Cell (EDC) was established at Basaveshwar engineering college to enable a creative, innovative design thinking mindset with problem-solving skills and excellence in research for sustainable Business Models/Startups among young generation towards the capacity and capability of building Atmanirbhar Bharat.

Now a days, students are technically competent but they can't get employed unless they are good at Quantitative, Logical, Verbal aptitude, writing skills, communication, resume building skills and coding skills, we have initiated this practice in our institute to improve the student's aptitude and problem solving skills by inducting the aptitude classes along with regular academics. Majority of our students hail from rural background where there is less scope to speak in any other language except their mother tongue, therefore communication skills training in English is essential to make the students to open up and express themselves.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

1. **ICT Integration in Teaching, Learning and Administration:** Computer technologies and other aspects of digital culture have changed the way teaching-learning, impacting the construction and distribution of knowledge.

2. **The performance of the institution in one area distinctive to its priority:** College gives priority to promote education to poor students of rural background. The students of the locality can't afford their education in the urban colleges, due to several reasons basically financial. So, our college provides academic environment to those aspiring students of the rural area so that they can move ahead in their academic endeavour. Keeping holistic development of the students in view, the college encourage them to participate in extracurricular activities (NSS, cultural, literary and sports) so that they cop up with students of the main stream. Besides, the college also organizes several talks, seminars, workshops etc., to apprise students to the burning national and international issues.

3. **Local people are allowed to use all the avail facilities of the college such as the playground for running, walking and sports activities for their physical development, the college auditorium for cultural activities and conferences etc.**

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

A systematic approach to its further growth is indispensable. Our plan of action goes as below:

- To provide add on courses for value based teaching and learning for the students
- To conduct Bridge Courses and Induction Programmes to the newly joined students
- To continue to provide congenial learning environment for holistic development of Students, Faculty and Supporting Staff To continue to provide holistic value based education
- To enhance various women empowerment activities by taking the help of alumni
- To organize seminars, workshops, endowment lectures in plenty
- To enhance the spirit of research among the UG and PG students
- To encourage FDPs, Value Added Courses and Certificate Courses
- To improve the centralized examination system. To strengthen evaluation methods
- To build eco-friendly atmosphere in the campus by enhancing greenery all around
- To organize study tours. To undertake extension activities and community service programmes
- To encourage the students to pursue 4-year UG Honors course
- To help the students in doing internship safely in companies to gain hands-on experience

To organize more workshops, seminars and conferences for the inculcating research, innovation and development skills in the students and staff.