YEARLY STATUS REPORT - 2022-2023

Part A
Data of the Institution

1.Name of the Institution	Basaveshwar Engineering College, Bagalkote
• Name of the Head of the institution	Dr. Veena S. Soraganvi
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	7618781963
• Alternate phone No.	9845585878
• Mobile No. (Principal)	9845585878
• 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/Documents/Calender_of_Events/2020_21.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	Best Institute of Higher Learning in Wind Energy	National Institute of Wind Energy (NIWE)	15/06/2022	1,00,000
Dr. S. H. Jangamshetti	Best Researcher in Wind Energy	National Institute of Wind Energy (NIWE)	15/06/2022	50,000
Dr. K. Bhat	K-FIST L1	Vision Group of Science and Technology (VGST)	21/01/2023	15,00,000
Dr. Shilpa K. Jigajinni	RGS/F	Vision Group of Science and Technology (VGST)	21/01/2023	3,00,000
Dr. Bharati S. Meti	Award for Research Publications (ARP)	Vision Group of Science and Technology (VGST)	21/01/2023	25,000
Basaveshwar Engineering College, Bagalkote	Valuable Local Chapter with a rating of 'A'	SWAYAM-NPTEL	Nil	Nil

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   0

- Were the minutes of IQAC meeting(s) and   No

compliance to the decisions taken uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

• **NBA committee visited to department of Computer Science Engineering, Civil Engineering, Electronics and Communication Engineering, Mechanical Engineering on 18-20 November, 2022 and to department of Information Science and Engineering along with PG programs Visited on March 24-26, 2023. All UG departments are accredited for three years.**

• **Number of patents published: 04 • A workshop on "Outcome based Education" for BEC faculty was organized in two phases. First from 01.02.2023 to 02.02.2023 and second from 30.09.2023 to 1.10.2023. Dr. Sharad Kumar Pradhan, Director, THDC-Institute of Hydropower Engineering and Technology, Tehri, Uttrakhand was the resource person. • Expert talks on "Indian Bioenergy Scenario" by Shri. Y. B. Ramakrishna, Member, Working group on biofuels at Ministry of Petroleum and Natural Gas, GoI and "Scope in Agri Entrepreneurship" by Shri. Dr. Divakar Rao, Executive member, KSBDB, GoK, Member of Vision Group on Biotechnology, GoK organized by Department of Biotechnology on 03.03.2023 • BEC AICTE IDEA Laboratory was inaugurated on 10.06.2023. Chief Guest of the function is Dr. Bhimraya Metri, Director, IIM Nagpur, Guest of Honour is Dr. G. R. Dodagoudar, Professor, IIT Madras and President of the function is Dr. Veeranna Charantimath, Chairman, BVVS Bagalkote**

• **The campus RFID security system implemented from 01.07.2023**

• **11 Projects (BT-01, CV-03, EE-02, EC-01, IS-02, ME-02) approved for KSCST scholarship for the total amount of Rs. 65,000 on 18.04.2023 • Dr. K. Bhat, EIE Dept., awarded the VGST grant of Rs. 15 Lakhs for the Project titled, "Infrastructural development for designing and developing portable biodiesel production unit" under the subject "Biotechnology" and scheme "Karnataka Fund for**

Infrastructure Strengthening in Science and Technology (K-FIST L1)" on 21.01.2023 • Dr. Shilpa K. Jigajinni, Biotechnology Dept., awarded the VGST grant of Rs. 3,00,000 for the Project titled, "Development of efficient biocatalyst for biodiesel production" under the subject "Biotechnology" and scheme "Research Grants for Scientist/Faculty (RGS/F)" on 21.01.2023 • Dr. Bharati S. Meti, Biotechnology Dept., awarded the VGST grant of Rs. 25,000 as "Award for Research Publications (ARP)" under the subject "Biotechnology" on 21.01.2023 • Dr. Chayalaxmi C. L., EEE Dept., is awarded with certificate of appreciation for her instrumental role as SPOC for the SWAYAM-NPTEL local chapter

• The IEEE-PES student branch chapter of Basaveshwar Engineering College has won the "Outstanding Student Chapter" award for 2022. The Certificate and Cash award of Rs. 5,000/- was presented during IEEE-PES AGM held at Bengaluru on 22.01.2023 • SWAYAM-NPTEL recognized Basaveshwar Engineering College, Bagalkote as a valuable Local Chapter with a rating of 'A' based on performance in NPTEL Online Certification Courses from Jan-Apr 2022

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
Constitution of Research Proposal Review Committee	Enhancement in the quality of research proposal
Conduction of Workshops on OBE	Enhanced clarity regarding CO and PO attainment

13.Was the AQAR placed before the statutory body?	No

• Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14.Was the institutional data submitted to AISHE ?	Yes

• Year

Year	Date of Submission
2022-23	**02/03/2024**

15.Multidisciplinary / interdisciplinary

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.

16.Academic bank of credits (ABC):

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-Governace division (NeGD) of the Ministry of Electronics and Information Technology (MeitY) under Digi Loker 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 1180 students have created ABC account till now. Out of these 386 (Male-217, Female-169) students admitted during 2022-23 have created ABC account.

17.Skill development:

In order to enhance the technical skill of the students college has set up the multi-disciplinarylaboratories like 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 established IDEA laboratory in association with AICTE and is equipped with all the relevant prototyping tools and machines. Professional skill development programmes are being conducted through this laboratory. Students are encouraged to carry out innovative interdisciplinary projects. Overall around 691 students have benefited from these skill development laboratories.

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

Four faculty are involved in translation of technical books in regional languages (Kannada). The college is planning to start one programme in regional language to facilitate the students seeking admission from rural background. Based on the success of this pilot programme the other programmes will be planned. Indian Knowledge Systems (IKS) is part of curriculum. Workshops on yoga, meditation, sports are conducting regularly. about 600 to 700 students take benefit of these every year.

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

Workshops on OBE have been conducted in two phases from 1-2-2023 to 2-2-2023 and 30-9-2023 to 1-10-2023 with emphasis on the design of curriculum and evaluation based on Bloom's taxonomy. All faculty members are trained to articulate the Course Outcomes in line with Programme Outcomes. To assess the attainment of COs and POs, a centralized automated procedure is developed. 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 conformity 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. SWAYAM-NPTEL recognized Basaveshwar Engineering College, Bagalkote as a valuable Local Chapter with a rating of 'A' based on performance in NPTEL Online Certification Courses from Jan-Apr 2022

20.Distance education/online education:

During the covid-19, the institute faculty has successfully delivered lectures on the online platform, conducted online tests, and guided the students to complete their academic tasks. The project was also guided, evaluated, and conducted in the virtual platform only. 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, 92 faculty members and 576 students have successfully completed the online courses and were given certificates. 50 students/ faculty have topped in their respective courses. The college faculty and students have received 06

Elite+Gold, 165 Elite+silver, 352 Elite and 145 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 degree. 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	2992
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	673
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	786
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	**722**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**178**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	**193**
Number of sanctioned posts for the year:	

4.Institution

4.1	**400**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**87**
Total number of Classrooms and Seminar halls	

4.3	**1050**
Total number of computers on campus for academic purposes	

4.4	**942.6**
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 BOSand 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. Variousassessment 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

6

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

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

393

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	No File Uploaded

1.2 - Academic Flexibility

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

31

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 conductedunder 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, Blooddonation 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	**No File Uploaded**
Any additional information	**No File Uploaded**

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

05

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

1482

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

1891

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	A. All 4 of the above

from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	**Nil**
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	**Nil**
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

2992

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)

285

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
01/08/2023	2992	178

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 methodof 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 teachercentric,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, PowerPoint presentations developed by teachers to expose the students to advanced knowledg eand 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 the 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

135

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 membersprepare 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 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

178

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

92

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)

16.25

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

7

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

447

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 without any fee.

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 widenthe 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 andthe 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'sTaxonomy, 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 programmess offered by the Institute are clearly stated,displayed on the BEC website and communicated to teachers and students. The PEOs have been categorized in to three sections suchas Academic Values, Social Sensibilities and Moral and SpiritualValues. 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 eachcourse.

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	Nil

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 measuredusing various indicators throughout the semester of the academic year. The faculty records the performance of each student with thehelp 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

673

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 178 well-qualified faculty with 92 faculty having Ph.D. degrees. Most of the faculty havecompleted Ph.D. from IIT, NITs and are involved in Quality teaching-learning processes.At present, 140scholars are pursuing their PhD and 136 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 TechnicalEducation and Research.

The research achievements being 800+ publications in National and International peer reviewed journalsand 339 (291 papers in UGC listed journals) in national and International conferences during last five years.To promote research 17 PG laboratories and modernized 45 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, Nokia research center, Intel intelligentsystems laboratory, Biodiesel centre established in association with Industries.Collaborative research with IISc., IITs and NITs and Foreign Universities (Saginaw Valley StateUniversity, 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://www.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

02

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)	<u>View File</u>
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)

15.05

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

3.2.2 - Number of teachers having research projects during the year

17

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

3.2.3 - Number of teachers recognised as research guides

57

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

8

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 conductive 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

covert 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

23

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

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

14

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

0.1

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

0.04

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

929

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

36

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
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)

18.3178

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

0

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	No File Uploaded

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 activelyparticipate 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 hygene, 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 26thNovember every year.Youth Red Cross (YRC) Unit, the wing of Red Cross Society has been started in the college to inculcatethe spirit of social service, friendship and the ideals of peace into the minds of the students. Training inhealth care, first aid, fire fighting, rescue activities, personality development are some of the activities ofYRC. 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

1

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)

63

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

925

File Description	Documents
Reports of the events	View File
Any additional information	View File

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

71

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)

9

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: 1,38,024, No. of titles: 42,236, International journals: 03, National Journals:160, E-journals: 15,300, E-books: 34,446. The digital infrastructure includes: Internet Bandwidth - Telexair ILL (1:1) – 1 Gbps, Sophos Firewall for Network Security, 75 Cisco Managed Switches for Reliable Connectivity, 80 Cisco Wireless Access Points for Seamless Wireless Connectivity, 950 Desktop Computers & Laptops, 5 Lecture Capture Facility for live classes recording, and 50 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	[View File]()
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

77

File Description	Documents
Upload any additional information	View File
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)

129.83

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 1,38,024 volumes and 42,236 titles related to Science and all branches of Engineering. About 3600 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 Shodhganga Membership e-books Databases Remote access to e-resources	**A. Any 4 or more of the above**

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)

58.83

File Description	Documents
Audited statements of accounts	View File
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

993

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
2992	**1050**

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

4.3.3 - Bandwidth of internet connection in the	**A. ?50 Mbps**

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

File Description	Documents
Upload any additional information	[View File](#)
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)

888.55

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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 though 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

2333

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

89

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

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

1429

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating	**A. All of the above**

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

422

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

12

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

04

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

31

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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 guidanceof faculty coordinators. The department associations are completely managed by the students and they conduct seminars/workshops/SDPs along with co-curricular/cultural activities/competitionsAcademic bodies such as Board of Studies (BoS), Academic Council (AC) and Board of Governors (BoG) 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

07

File Description	Documents
Report of the event	**No File Uploaded**
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

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 ofKarnataka society act under the name Basaveshwar Engineering College Alumni Association (BECAA) inthe year 2001. Executive body of the association is constituted of 15 members. Namma BEC AlUMNI APP hac been developed by our college faculty and students in the year 2020. More than 5,000 Alumnihave registered as members of the association. The purpose of BECAA is to encourage student-alumniinteractions that would benefit the student community at BEC in terms of learning, through sharing the richexpertise 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 areinvited to share their success stories and motivate and groom the students holistically.Alumni helps in providing internships, campus placements, project assistance, employee referrals to ourstudents 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 Eastextend support to our students in terms of initial accommodation as a part of their stay during their highereducation or employment. Alumni also help our students by providing scholarships to the meritoriousstudents 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	Nil

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 well-knit 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 non-statutory 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. More than 1000 person-days of the BEC core committee were spent to evolve the IDP. 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 PlacementGuidance 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	View File
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	No File Uploaded
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

6

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

3

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.)

45

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, Mr. Kumar Jigajjinni 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**
- **External audit for TEQIP funds was done by State Project Funding Unit (SPFU) and internal audit by CA, Mr. M.N. Tapashetti is conducted**
- **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 raised**

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)

Zero

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 if 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

In Basaveshwar Engineering College, Equity Assurance Plan (EAP) has been instrumental inseveral ways like to improve learning & performance of students, promoting equity among students and enhancing faculty productivity . During 2022-23 many activities have been conducted under EAP, such as forming committees & peer groups, appointing faculty advisors and renovation of commonspaces.

For safety and security of women, Internal Complaint Committee (ICC) has been constituted in the year2016. The objectives of the committee include prevention, prohibition and redressal of sexual harassmentto ensure safe and secured working environment for women employees and safe campus to girl students.Every year the college conducts awareness program for women employees and girl students. Student counseling is carried out in every department for sensitizing the boys towards women's dignity andsafety. As per the directions of AICTE and UGC, Sexual Harassment at Workplace Prevention Week has been organized.

To maintain girl's dignity, sanitory pad disbursement anddisposal facility is available in the college and in girls' hostels. To provide greater safety and security, surveillance cameras are installed at prime locations in the college premises.Because of these initiatives, no cases of sexual harassment and eve teasing have been reported.

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	A. Any 4 or All 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)

Solid waste management: The solid waste produced in the campus, which includes garden trimmings is collected by workers. Garden trimmings are used to convert vermin composting in the campus. Part of hostel/canteen food waste with garden trimmings for vermin composting. Cow dung is used to expedite the decomposition process and as a microbial Part of hostel mess waste and college campus canteen waste is used for biogas unit which is installed in science department. produced is used for the lab purpose.

Liquid waste management: Waste water generated from departments is connected to municipal sewage collection.

Biomedical waste management: Biomedical waste is not produced in the campus. In the department of Biotechnology, contaminated materials are autoclaved for 15-20 minutes at 15-20 psi, diluted and then collected in the designed campus. Vials used are soaked in the liquid soap for at least 30 minutes before cleaning.

E-waste management: E-waste is disposed off through authorized vendor periodically following the due procedures.

Waste recycling system: It will be initiated in the coming years as already planning for the recycling of the paper envelops is under process.

Hazardous chemicals and radioactive waste management: Hazardous chemicals and radioactive elements are campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](View_File)
Geotagged photographs of the facilities	**No File Uploaded**
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](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**	**C. Any 2 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:

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

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**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

B. Any 3 of the above

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 institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. 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.

The college and its teacher 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.

The students at BEC celebrate not only the popular local festivals such as Holi, Deepawali, but also festivals like Good Friday, Eid etc that indicates their respect for regional and cultural harmony. Celebration of the 'Day of Social Justice' by BEC students also spreads the social integration and respect for the belief of equality of human beings.

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:

Basaveshwar Engineering College has taken various initiatives to shape the students as responsible citizens of the country. Following are some of the initiatives taken by the college:

Introduced mandatory subject for B.E. Program

A mandatory course on "Constitution of India" is introduced for all the students. The objectives of this course are:

1.To introduce the basic principles of constitution of India

2.To understand the importance of fundamental rights as well as fundamental duties enshrined in the constitution

Celebration of the Constitution day

Every year college Gymkhana and NSS team celebrates constitution day. On this day Pledge is taken in the name of Preamble of Constitution of India.

Celebration of National and Regional Festivals:

Every year college celebrates Independence day on August 15th and Republic Day on 26th January and also Birthdays of great personalities like Mahatma Gandhi, Lal Bahadur Shastri, Dr. B. R. Ambedkar, Swami Vivekananda, Lord Basaveshwara, Sir. M. Vishweswaraya etc. Activities are conducted with an objective of highlighting the values, ethics and sense of duty that these great personalities practiced.

NSS Activities

The authorities encourage the students to take part in blood donation camps.

The students take up cleanliness drives both inside the campus and nearby villages.

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	**B. Any 3 of the above**

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

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

India is a multicultural and diverse country, and the National festivals in India are celebrated with enthusiasm and purpose. On the day of National festivals, we rejoice the rich heritage and glorious history of our country and also commemorate the milestones of India's achievements in various fields.

The National Festivals of India - Independence Day and Republic Day are celebrated with enthusiasm. On these days rich tributes are paid to our freedom fighters and great leaders for their sacrifices made during India's struggle for Freedom and highlighted to student community.

National Youth Day, also known as Yuva Diwas, is celebrated on 12th January every year in India. The day marks the birth anniversary of Swami Vivekananda, one of the most popular philosophers and thinkers of India, and is celebrated as the Yuva Diwas to recognise his contributions to the Indian society.

Matrubhasha Divas (Mother Tongue Day) is celebrated on 21st February in the institute every year.

International Women's Day (8th March) is a global day celebrating the social, economic, cultural, and political achievements of women. The day also marks a call to action for accelerating women's equality.

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

Best Practice - 1

Governance Reforms

Two toppers from UG and two toppers from PG programmes are selected as invited members of Board of Governers (BoG) and two more second toppers from UG and PG are selected as invited members of Academic Council (AC). Of these two toppers, one boy and one girl have been chosen to maintain gender equity. From each department, one boy and one girl (toppers) were invited members of the respective Board of Studies (BoS). Apart from this student representatives are also included in other important committees such as anti ragging

committee, Internal Complaint Committee, grievance redressal committee etc. Student representatives actively participate in the meetings of all the committees and represent the issues related to students which will be addressed by the experts of the committees.

Best Practice – 2

Publication of papers in journal and conferences by UG final year students

Final year students are motivated to publish papers in journal and conferences

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)

The vision of the institute is to be recognized as a premier technical institute committed to developing exemplary professionals, offering research based innovative solutions and inspiring inventions for holistic socio-economic development. The college was started with a focus on under graduate programmes. After attaining the autonomous status in 2007, the college started focusing on Research and Development (R&D) activities with an emphasis to address socially relevant problems. To promote research on campus, the laboratories were equipped with the modern equipment. Apart from this, the laboratories established in association with Industries are Bosch Rexroth centre for industrial automation, Biodiesel centre, IDEA lab, MEMS design centre, SCADA for automation, etc.

The faculty members had an opportunity to acquire higher qualifications from renowned higher learning institutions viz. IISc, IITs, NITs. This has resulted into 240 quality research publications in national and international peer reviewed journals, 366 in national & international conferences, book chapters and books during last five years. The total number of citations in Scopus and Web of Science are 872 and 305 respectively during last 5 years. The

research work carried out by the faculty has led to the award of 05 patents and filing of 27 patents.

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

Action Plan for the academic year 2023-24:

- **The college will strengthen its alumni relations by organizing alumni events, creating networking opportunities, and engaging alumni in mentoring and career guidance programs.**
- **Motivate faculty without PhD to mandately register in higher learning institutes**
- **To organize more number of Ideations, competitions and hackathons**
- **Focus on consultancy activities by enhancing the number of MoUs**
- **The college will focus on strengthening student centered learning by providing opportunities to engage in research, experiential learning, field-based learning, peer-learning and community service through outreach.**
- **The college will strengthen its ties with the local community by engaging in community service, outreach programs, and partnerships with local businesses, entrepreneurs and organizations.**
- **Annual assessments and feedback will be conducted to make necessary revisions**
- **The college will focus on skill development by providing training and workshops on soft skills, communication, leadership, and problem-solving.**