



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

Babasaheb Naik College of Engineering

- Name of the Head of the institution **Dr. Avinash M. Wankhade**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **07233-245229**
- Mobile No: **9764996777**
- Registered e-mail **principal@bncoepusad.ac.in**
- Alternate e-mail **amwankhade@gmail.com**
- Address **Sooth Girani , Karla Road ,Kakaddati**
- City/Town **Pusad**
- State/UT **Maharashtra**
- Pin Code **445215**

2.Institutional status

- Affiliated / Constitution Colleges **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
 - Name of the Affiliating University **Sant Gadge Baba Amravati University**
 - Name of the IQAC Coordinator **Prof.S.T.Khandare**
 - Phone No. **07233245309**
 - Alternate phone No. **9923266688**
 - Mobile **9764996386**
 - IQAC e-mail address **bncoenaac@bncoepusad.ac.in**
 - Alternate e-mail address **khandare.shailesh@rediffmail.com**
- 3.Website address (Web link of the AQAR (Previous Academic Year))** <https://www.bncoepusad.ac.in/images/iqac/aqar2223.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

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

https://bncoepusad.ac.in/academic_s_calender2324.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.46	2019	28/03/2019	27/03/2024

6.Date of Establishment of IQAC

30/10/2017

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	NIL

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year **4**

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

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

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Submitted FDP, STTP Proposals to AICTE /Other Collaborative University/Agencies

Organised Workshops on various up coming recent Trends

Students participation in extension activities

Technical help to rural areas people Through UBA

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

Plan of Action	Achievements/Outcomes
Submitted Proposal of FDP, STTP	Received sanction letters and will be conducted in the Session 2024-25
Organised National level webinar/Workshops on Quality of Education	Received good response and feedback from the participants. Stakeholders were participated in the webinar
Number of Social activities to alert the Tribal and rural people	NSS students with due precautions organised Door to Door Awareness about the Social activities
Enrolling PhD Research scholars	Scholars were registered Computer Science and Engg. Department
All Technical support provided by college to the rural areas	Technical support and Repairing of solar lights at the adopted village Yeranda under UBA
Collaboration with Govt. of Maharashtra for organizing Typing Exams in various languages	Computer department has conducted typing exam in various languages in collaboration of Government of Maharashtra.
students participating in extension activities	students were participated in various extension activities such as Techno-Rural Vision Competition (National Level - online), Gram Arogya Health Awareness Information, Agricultural and animal husbandry Advisory Information
various Organisations signed MoUs (some are continued for future too) with institute	Students and faculty participated and benefited under these MoUs

13. Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

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Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023-2024	08/01/2025

15. Multidisciplinary / interdisciplinary

Multidisciplinary / interdisciplinary subjects were introduced as per the university curricula syllabus as Professional and Open Elective subjects for different engineering programmes were implemented.

16. Academic bank of credits (ABC):

As per SGBAU, Amravati university guideline students are enrolled/registered for Academic bank of Credits portal, also the ABC process display on college portal, also the ABC process has been displayed on the college website.

17. Skill development:

College authority will take extra efforts to bring our certificate courses in the different fields of Engineering curriculum in the college through university dept. of Lifelong Learning and Extension Services.

<https://www.sgbau.ac.in/departments/LifeLong/Courses.aspx>

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

To give more clarifications related to subject concept, principles, formulae, etc, in the regular class lectures. Faculty are taking extra care and efforts to make students to understand the basics of that concern subject through/in their mother tongue.

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

For each programm's course objectives and outcomes are well defined by the university in the syllabus. Theory with practicals oriented teaching methods are evolved and concern subject's faculty will focus on Outcome Based Education and also course and programme exit survey are conducted as feedback.

20.Distance education/online education:

Extra classes are engaged on Online/Offline for the students who are slow learners and who are missed / not attended the regular classes due to their own problems and MCQ tests are conducted frequently.

Extended Profile**1.Programme**

1.1	9
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	872
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	241
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	88
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	77
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Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2	77	
Number of Sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1	47	
Total number of Classrooms and Seminar halls		
4.2	216.98	
Total expenditure excluding salary during the year (INR in lakhs)		
4.3	839	
Total number of computers on campus for academic purposes		
Part B		
CURRICULAR ASPECTS		
1.1 - Curricular Planning and Implementation		
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process		
<p>The institute follows the curriculum prescribed by the Sant Gadge Baba Amravati University. The institute has developed mechanism for effective curriculum delivery and monitoring.</p> <p>Each program offered by the institution has clearly stated learning outcomes in terms of Program Outcomes (PO's), Program Specific Outcome (PSO) and Course Outcomes (CO'S).</p> <p>Institute prepares its own semester wise Academic Calendar well in advance before commencement of semester.</p> <p>At beginning of semester each subject teacher prepares teaching plan for effective coverage of syllabus in time. HOD obtains the</p>		

syllabus coverage of each subject at regular intervals to ensure syllabus is completed on time. Attendance and Internal test marks of each subject are displayed on notice board at the end of month. At the end of semester, student's feedback, course exit survey and program exit survey is obtained. Result analysis of student performance in University examinations for each subject is carried out.

The student's association in each branch conducts various activities including expert lectures, training programs, field visits, etc. Institute also motivate and encourage the students to participate in national/state level paper contest and technical models competitions.

The institute thus ensures that academic quality and curriculum delivery is implemented with total quality, planned and documented process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Institute prepares its own semester wise Academic Calendar well in advance before commencement of semester considering on the basis of Academic Calendar of the University.

The Academic calendar include all specific details including internal assessment dates , Govt./University holidays , tentative dates for vacations, cultural gathering, paper contest, last working date of semester etc.

The Tentative schedule is first distributed in HOD's meeting and based on discussions final schedule is decided and approved. The approved calendar is published and circulated to all the staff and students and also uploaded in the college website for information and compliance. Based on the approved calendar class time table is prepared and displayed. The faculty strictly adheres to the academic calendar and accordingly prepare teaching plan informing the details of number of periods needed to cover each unit of syllabus.

For continuous internal evaluation (CIE) process the institute adheres to the academic calendar .Each department prepare and displayed the time table of the internal examination in advance.

The internal evaluation related activities like monthly attendance and internal test marks are displayed on the notice board.

Institution thus ensured that activities mentioned in the academic calendar are rigidly followed.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

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

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

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

45

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

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

94

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

94

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

To integrate the cross cutting issues such as Gender, Environment and sustainability, Human values and professional Ethics into

curriculum the institute does the following;

Gender Sensitization

- Awareness workshops, seminars, and Expert lectures are conducted to aware the girls about the constitutional rights and rules their security and safety in social livings.
- Equal opportunities are given to both girls and boys to participate in various academic, co-curricular and extracurricular activities and training programs.
- Women Cell is established in the Institute to look into the problems of girl students. This cell evaluates assists and supports institute to implement a policy of zero tolerance in campus for gender-based violence and harassment.
- The institution has provided helpline numbers, complaint boxes and installed CCTV cameras in different areas in view of safety and security of girls.

Environment and Sustainability

Subjects on Environmental Studies, Non-Conventional energy System, Water Resources Management are included in the curriculum to make student aware on environmental issues. Many Projects are undertaken by final year students relating to environmental issues.

Human Values and Professional Ethics

Subject on Professional Ethics are included in the curriculum to build up moral and ethical values among students.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

5

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

121

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above
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File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

366

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

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

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

241

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students and organises special programs for advanced learners and slow learners

Slow and advanced learners are identified on the basis of:

- Performance in the First sessional exam
- At the end of first semester, test is conducted to assess the language skills in English and special remedial course are conducted.
- Course faculty interaction in classroom.

For slow learners:

Depending on the numerical strength of slow learners, remedial classes for specific topic/course are arranged & personal attention is given by course faculty for specific doubts.

Critical topics are reexplained for improving performance.

Slow learners who are not able to grasp the teaching in regular classes, are assisted by revising of important concepts.

Extra assignments are given to these students to strengthen their learning.

For advanced learners:

The advanced learners are encouraged to pursue further knowledge in their area of interest by recommending reference books, research papers, online courses to consolidate their talents.

Career opportunities, aptitude and logical reasoning test, etc. are conducted for advanced learners.

The institution encourages advanced learners to participate in

inter-collegiate events such as Technical Paper, Technical Model , Software Competition, Techno-quiz, etc. by TA/DA to the participants.

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

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

Number of Students	Number of Teachers
872	77

File Description	Documents
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

The syllabi of Engineering programs of Sant Gadge Baba Amravati University, Amravati(SGBAU) are designed and structured to provide sufficient scope for experiential learning, participative learning and problem solving methodologies. The syllabus is regularly updated to keep pace with the technological developments

Following efforts are undertaken for enhancing the students learning experiences.

- For mathematical subjects, tutorials are conducted regularly to enhance problem solving skills of the students.
- Seminars and projects are chosen based on current technology.
- In mini projects development

students are encouraged to undertake in plant training to know practical aspects. Industrial visits are also arranged. In students' Technical associations, Professional societies and Clubs, the faculty member acts as a facilitator and helps students for developing their organizational abilities, leadership qualities, time and financial management. The institution provides

necessary infrastructure to students for online courses. Faculty and students are encouraged to use NPTEL and other open source digital courses.

The institution also conducts activities like National level paper and Technical model/software competition in order to encourage students to participate in academic and cocurricular activities. Various departments conduct a number of activities like seminars, debate, elocution, group discussions, and quizzes competition. Students have access to e-journals and e-books.

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

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

In addition to the traditional classroom education Institute also follows ICT enabled teaching. Several innovation processes like usage of whiteboards in Microsoft Teams, using pointers and animation for Power-point presentation, using digital tablets, etc. were carried to ensure maximum effectiveness in teaching.. Following efforts are taken by the institute to provide e-learning atmosphere in the classroom:

In addition to chalk and talk method of teaching

1. Faculty member are making use of smart board for subject which require explanation using simulation and online information.
2. Many faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical learning.
3. Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work.

Institute premises are Wi-Fi enabled

1. Specialized computer laboratory with an internet connection has been provided to promote independent learning. MAC-ID based Wi-Fi facility for access of internet is provided on individual laptop and mobile devices.
2. Well security is provided to Wi-Fi users. Its access is controlled by the system administrator

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

44

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

77

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year****14**

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers****1240**

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

2.5 - Evaluation Process and Reforms

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

Each department conduct faculty meeting at regular intervals to review various academic parameters including internal evaluation, University result analysis, students' feedback (formal and informal), etc. The quality of the internal test papers and evaluation techniques are also analyzed and necessary recommendations are passed on to the concerned teacher to modify the quality of questions to inculcate the culture of higher level thinking. Attendance of the students is also taken into consideration for calculation of internal assessment marks. Assignments are conducted for each course to improve the

performance of the students.

At the end of semester, students' feedback for each course is taken, analyzed and discussed in the departmental meeting where good performance of faculty is appreciated and faculty with below par performance are instructed to improve their performance by taking suitable measures. In order to ensure transparency in internal assessment the performance of students in internal tests is communicated to the students and parents through mentor well in time. From last three years assignments have been introduced in addition to the internal tests. Recently, the institution has introduced an online internal test based on multiple choice questions with the provision to convey the score immediately after the conduction of test.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The institute follows the regulations of SGB Amravati University. The institution organizes orientation program for the first year students to make them acquainted with the rules and regulations of the affiliating university, examinations, evaluation process, extra-curricular activities, etc. The institute has developed a systematic approach of internal assessment. For theory subjects, three internal tests are conducted at dates specified in the academic calendar. Additional test is also conducted if performance of students is not upto the mark.

Average of performance of best two tests is taken for internal marks calculations. Additionally, home assignments are given to the students for improvement. Attendance of the student is also considered for internal assessment marks. The results of tests are displayed on students' notice board within 10 days and answer books of tests are circulated to students in class-room along with discussion of correct answers. There is well defined mechanism to address the students' grievances, if any

For practical, weightage is given to timely submission and performance of practical work. Review of the progress in the students' project work is taken regularly. Students' seminars and

projects are evaluated by a panel of three experts constituted by the Head of the department.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The course outcomes (COs) are well defined for every course. Every CO is aligned to one or more POs, and is measured at the end of the course, through various assessments, designed specifically to effectively measure the CO and contribute to the PO that it is mapped to. The number of COs for a course is not fixed, and may have about six COs. Few courses may have as few as three COs, while courses like the project may have as high as twelve COs. While defining the COs, it has ensuree that they are not an abridged version of the course content, but instead, through every CO, it attempt to specifically address one or more POs through the course content and its assessments. When COs are well defined, the CO-PO mapping becomes redundant, as one can map the CO to the PO through comprehending the essence of the CO. However, the strength of the mapping is dependent on the course instructor and this component, necessitates the need to have the CO-PO mapping together with its strength.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://www.bncoepusad.ac.in/igac_splo.htm <u>1</u>
Upload COs for all courses (exemplars from Glossary)	View File

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

The course outcomes (COs) are produced based on the requirement of the programme outcomes (POs). Each CO is mapped to PO. The PO is then mapped to Programme Educational Objectives (PEO). Attainment of CO is evaluated using the direct and indirect methods. Direct

involves the following assessment tools

1. Final exam
2. Internal Tests
3. Practical performance
4. Assignments
5. Project & Seminar.

Indirect methods include Student Exit Survey and Alumni Survey.

Throughout the semester, the faculty records the performance on each course outcome. Target is set for CO of each course. CO attainment is computed as follows:

Direct Attainment of CO = Weightage of Internal Exam(IE) x Attainment of CO as % in IE + Weightage of External Exam(EE) Marks x Class Average Marks % in EE

Indirect Attainment of CO = Attainment of CO through Course exit survey

Computation of Attainment of COs in a course = 0.8 x Direct CO Attainment + 0.2 x Indirect CO Attainment.

CO attainment gap is then calculated. Based on the CO attainment gap, action is proposed to bridge the gap.

The program outcomes and Program Specific outcomes are assessed with the help of Course outcomes of the relevant courses.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

76

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://www.bncoepusad.ac.in/images/igac/aqar2024/2.7.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

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

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

16

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

24

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

7

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Institute with the Forest department has Participated in a 3 month long Tree plantation programme in 2022 having 200 Number of participating students and staff from 05.07.2023 to 15.07.2023

College organized blood donation camp on 05.09.23 with District govt. hospsital , 62 students donated blood

College organized cleanliness campaign on 02.10.23 on the occasion of Mahatma Gandhi and Lalbahadur Shastri's Jayanti

College organized public awarenes rally on 01.12.2023 on the occasion of National AIDS Day

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

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year**

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

4

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

612

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

47

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

19

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The infrastructure facilities provided by the institute are as detailed below:

- The college campus has sufficient space for all academic, administrative, co-curricular and extra-curricular activities
- Each department of the institute is well equipped with independent classrooms, laboratories, tutorial rooms,

workshop and seminar hall etc.

Existing infrastructure of the institute:

Sr. No.

Particulars

Area as per AICTE norms (Sq.m)

Total Area in Sq. m.

1

Instructional Area

6830

10918.92

2

Administrative Area

1605

2190.61

3

Amenities

1500

14426.44

4

Circulation and others

2484

14935.9

Total area

12419

42471.87

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, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

- The Institution has adequate facilities for cultural activities, sports, games(indoor, outdoor), gymnasium, Yoga center etc.
- The Institute has high class centrally air-cooled Auditorium with 800 seating capacity and Open-Air Theatre for conduction of cultural events.
- Institute has Student Music Club with musical instruments like Synthesizer Electronic Drum, Electronic Guitar etc. Yoga center is available in the campus with capacity of 40 persons
- The Department of Physical Education provides physical education to the students in various sports & athletics activities.
- The department has two full time Physical education faculties.
- The Department organizes various games and sports activities and supports students like coaching and other facilities for various events in which student participate throughout the year within the campus and represent the college at various events.
- Sufficient space is available in the campus for all indoor and outdoor games with flood light facility.
- The department is well equipped with state-of the-art facilities like 16 station Multi-gym, & a power-gym with a well-equipped hall.
- Indoor facilities are - Badminton Cement&Synthetic courts, Table tennis halls
- Outdoor facilities -Basketball cement court, Cricket, Handball, Football, Volleyball, Softball, Baseball, Kabaddi, Kho-Kho, two Lawn Tennis Court.

File Description	Documents
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 such as smart class, LMS, etc.

27

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

27

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0

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

4.2 - Library as a Learning Resource

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

Library is automated using LIBSYS, an Integrated Library Management Software since Academic Year 1999-2000. From Academic Year 2010, LIBSYS 6.4 version is fully in use. LIBSYS 6.4 is Local Area Network (LAN) based software. The LIBSYS 6.4 consists of the modules such as Administrative, Acquisition, Catalogue, Circulation, OPAC & Serial Control. The library is equipped with e-journals: DELNET (400 Journals)

Nature of Automation: Library is functioning using all the major features available in the software fully.

Version: Library is using LIBSYS 6.4 version

Year of Automation: First time automation was done in Academic Year 1999-2000 with LIBSYS software. The Software version was updated with LIBSYS 6.4 in Academic Year 2010-11.

From Academic Year 2000 - 2004 - 3.2 version

2005 - 2007 - 5.0 & 5.7.1 version

2008 - 2010 - 5.7.2 version.

2010- onwards - 6.4 version

2023- Library Management Web based Software was done on 20/04/2023.

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

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

C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.7357

File Description	Documents
Any additional information	View File
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

23.37

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

4.3 - IT Infrastructure

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

A high-speed network connection that's available 24/7 enables organizations to run modern applications, like office suites and customer relationship management software, that might tax older, slower networks. Employees appreciate an optimized network connection that allows them to complete work faster and move on to

the next task.

Another important benefit of a reliable network is collaboration. Online collaboration services let staff use voice or video applications, Online classes to meet one-on-one or in teams, and they make remote employees feel like they're an active part of the Class or office. Due to current demand the Institute has a modern, eco-friendly, fully networked campus with optical fiber cable connectivity between all department , laboratories ,research laboratories ,Staff's Quarter , Boys and girls hostels buildings. Students are used online Lab manuals, resources of laboratories to solve problems, perform Developmental experiments and work on projects guided by faculty.

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

4.3.2 - Number of Computers

839

File Description	Documents
Upload any additional information	View File
Student – computer ratio	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

216.98

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

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

Maintenance Policy: General System/ policy/ procedure for maintaining and utilizing Physical, Academic and Support Facilities- Laboratories, Library, Sport complex, Computers, Classrooms, etc.

All the maintenance works/activities are coordinated by the nominated Prof in charge in Coordination with the below mentioned teams and put up any financial requirements to the Principal and get approval and ensure carry out all the maintenance work.

The maintenance work is carried out in two steps: 1.Preventative maintenance 2.Break down maintenance.

The preventive maintenance is carried out by the in-house team and the break down maintenance is carried out by the external agencies, if required.

Electrical maintenance is carried out by a team of Electricians. 11 KV L.V.line is connected from Substation with 360 KVA capacity diesel Generators for uninterrupted and emergency electric supply.

A team of professors in charge and technicians is looking for central computing facility and internet/Wi-Fi/LAN maintenance. In Library, maintenance of books, shelves, e-Journals, e-books, DVDs, CDs etc. is carried out by librarian and his personnel

All the equipments are calibrated whenever required, decided by

Laboratory In charge. Water supply scheme is maintained and supervised by a committee headed by Prof in charge. Water purifier are regularly tested inspected by servicing agencies.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

752

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

66

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
277	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
277	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

41

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

2

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

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

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

18

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

0

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

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Student Representative Council (SRC), body is formed every year in the institute as per provision of Maharashtra University act 1994. The structure of SRC constituted as per norms of Sant Gadge Baba Amravati University, Amravati. The procedure of constituting SRC body is as under:

1. Topper student from each class, considering their marks secured in both the semesters of previous year, is nominated as CR, provided that He/She should neither ATKT student nor readmitted student in the same class. All CR elects amongst them General Secretary of SRC.

2. Principal constitute the Committee to nominate the eligible student, amongst who applied, for the other SRC posts like Sports Secretary, Cultural Secretary, NSS Representatives, Lady Representatives. Nominations are done on the basis of student's past participation, contribution and performance in respective activity. Activities of SRC:

- To represent students related issues.
- To suggest and organize activities for student developments.
- To organize sports and cultural activities.
- To support NSS activity.

The SRC President & General Secretary are by default nominated on Academic body-Internal Quality Assurance Committee and Administrative Body-College Development Committee of the Institute in each academic year for that session.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

58

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Babasaheb Naik College of Engineering Alumni Association was formally established in 1994. One of the biggest assets of college is its wide, large and powerful alumni base. Babasaheb Naik College of Engineering is proud to have its Alumni of over 10000 engineers, technologists, scientists, consultants, managers, businessmen, entrepreneurs all over the globe.

The registered Alumni Association (BNCOEAA), started in 2018, is a NON-PROFIT organization, dedicated towards building a network of alumnus to foster and promote the growth of BNCOE Pusad. Our Alumni Association contributes significantly to the development of the institute through financial support and other support like:

- Act as a forum for Alumni of BNCOE and institute members for the exchange of information.
- Alumni may contribute in academics and research through allocating/raising funds and/or sharing knowledge and expertise of its members in areas pertaining to academics, infrastructure, industry interactions, and any other area that the alumni and institute fill appropriately.
- They provide support and help to needy meritorious students, and help to the existing students in providing

a. Internship

b. Vocational training and placement.

c. Guest lectures on recent technology

d. Guidance on carrier development

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

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

B. 4 Lakhs - 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

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

The governance of the college is reflective of and in tune with the vision of the BNCOE. The Principal is the Academic Head of the Institute. At the Institute level on the principle of collective decision making process the Deans HODs along with department faculty are empowered to deal with academic matters at their levels. The Governing Board, as the highest Executive Body, plays the pivotal role of laying down policies, both academic and governance.

CDC (College Development Cell) The Cell deliberates on matters of academic nature and steers the Institute to maintain academic standards of excellence. The cell approves the academic programmes of all departments and provides directions for future academic growth and development. The representation from all the stakeholders involve in the process along with IQAC coordinator.

Accounts Section supports and supervises the raising of funds for the Institute's development and functioning; and also facilitates and monitors finances to ensure transparent and accountable governance. Research & Development Council: The Research Council (RC) provides direction and guidance to the Institute to create an enabling environment for research and sharing; and to position the

Institute as an academic leader in the engineering fields.

File Description	Documents
Paste link for additional information	https://www.bncoepusad.ac.in/index.php
Upload any additional information	No File Uploaded

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

Leadership encourages the participation of all stakeholders in process of decision-making in the functioning of the college. The institution has well defined organisational chart which delineates the roles and responsibilities of all staff members along with well-defined objectives, standing and advisory committees to guide them in improving the effectiveness of institutional functioning.

The Institute delegate authority and provide operational autonomy to work towards decentralized governance system and to promote culture of participative management. The major decisions pertaining to the functioning of the Institute are taken by the management /Governing Body in LMC/CDC/IQAC meetings, in which all the stake holders are the members.

Further the institute follows the decentralized governance system. The department heads are authorized to take decision in the department level with full academic autonomy within the overall guidelines from Institute.

Portfolios are assigned to the faculty members and supporting and technical staff.

The Institute promotes a culture of participative management which enables stakeholders to voice their opinions and suggestions including constructive criticism

All academic and administrative activities are decentralized and operational management decisions are taken based on discussion and deliberations. Minutes of such meetings are recorded.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic plan of the institute is displayed in the website. The College is working on Three E's - Equity in education and Excellence in academics which will together lead to optimum levels of Employability in tune with the vision, mission, policy, Goal and objectives of the college.

The various aspects of the plan considered for inclusion are;

1. Quality enhancement and improved teaching-learning environment.
2. Enhancement of student support systems.
3. Improved student success rate.
4. To be more innovative, industry-relevant in curriculum design and be more creative in academic delivery; with a strong emphasis on effective integration of technology in the teaching-learning process.
5. The teacher to be more of a facilitator and mentor than just a full time tutor.
6. To establish a research facilities and to nurture and develop research culture among the students and staff.
7. Life skills will be an integral part in curriculum development and delivery.
8. To emphasize on multi-dimensional evaluation of student learning and to enable that student learning outcomes match with their employers expectations

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

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

The College has decentralized its operations and has delegated authority at various levels to ensure good governance. Board of Governing Body, College Development Council (CDC) and Internal Quality Assurance Cell (IQAC) framed as per norms of AICTE/NAAC/DTE/University and play an important role in framing policies and its execution.

The Principal is the academic and administrative head who monitors the overall functioning and growth of the Institute.

The involvement of the effective leadership is achieved through the well-defined system and organizational structure.

The College has Service and Recruitment Rules and Promotional Rules as per the norms of the Government of Maharashtra /AICTE/ Government of Maharashtra.

The rules, procedures, recruitment and promotional policies are explained in detail in the service book displayed in the college web site.

The various committees are formed at the beginning of the year and assigned the tasks according to the institutional plans, for the curricular activities that enhance overall development of students.

Examinations, Scholarships, Purchase, Discipline, Sports, Admissions and Library etc. is for the smooth conduct of all administrative activities, according to requirements of academic bodies and government rules by senior faculty to guide the function.

File Description	Documents
Paste link for additional information	https://www.bncoepusad.ac.in/institute_service_rules.html
Link to Organogram of the Institution webpage	https://www.bncoepusad.ac.in/institute_organogram.html
Upload any additional information	No File Uploaded

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The College authority offers the following welfare schemes for all its employees.

Summer and winter vacation to both teaching and non-teaching staff.

The college provides Maternity (180 days) and paternity (15 days) leave, Casual leave of 12 days per year for the employees and Medical leave of 10 days each year.

Faculty and staff are entitled to EPF and gratuity. Provident fund for the employees of the college

Institute Encourages and supports the employees by providing Special Leave/Study Leaves to pursue Project/Doctoral/Post-Doctoral research to acquire latest skills

A Professional Counsellor available in the campus to address stress and depression of the Staff and students

Physical Education director/ Instructors are available to maintain a healthy and balanced life.

The Institute has Grievance Reddresal committee, Internal complain committee, SC/ST Committee responsible to sort out the issues/complaints, if raised by any staff.

Pay advance/Loan facilities with nominal and without interest for employees for their wards fee, weddings of their children, medical purposes (enclosed)

Residential quarters are provided for the faculty and staff

Best Security Guard award given to the security personnel for every year

Special consideration /financial help extended to staff & faculty.

File Description	Documents
Paste link for additional information	https://www.bncoepusad.ac.in/institute_service_rules.html
Upload any additional information	View File

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

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

0

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

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

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

3

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

27

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

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

The college performance appraisal system consists of the following components:

The faculty submits self-appraisal report at the end of every academic year.

Every semester the students give feedback about their course teachers.

At the end of every academic year, report of the contributions of the staff members in college activities and their performance is reported by the Head of the Department.

The self-appraisal report and the student feedback are analysed by the HoD. Based on the student feedback, the HoD gives suggestions for improvement in teaching, if required. The self-appraisal helps to improve an individual's performance and his/her contribution to the institutional activities. Staff Appraisal by the Head of the Department is reviewed by the Principal.

Staff members' performance is discussed and opportunities are created to improve the same.

At the end of every academic session, faculty and supporting staff submit their self-appraisal in the form of PBAS for faculty and ACR (Annual Confidential Report) for supporting staff to the concern HoD and concern Section in charge.

File Description	Documents
Paste link for additional information	https://www.bncoepusad.ac.in/institute_maintenance_appraisal.html
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The college has the mechanism for internal and external audit as per details given below:

- **Internal:** An internal approval system for all expenses is in place. Accordingly, every expense voucher is recommended by Prof. In-Charge of the committee / the Head of Department and approved by the Principal. All vouchers are audited by an Internal Auditor on a routine basis.
- **External Audit** Books of accounts are prepared as per statutory requirement and audited annually by external qualified chartered accountants audited regularly as per the Government rules. The auditor ensures that all payments are duly authorized in every financial year.

An external auditor is appointed by the college which performs an audit of the financial statements of the college. The financial records of the College are audited after the end of each fiscal year and are certified.

Budget is scrutinized and recommended by CDC. Accounts department monitor whether expenses are exceeding budget provision. Statutory auditors are also appointed who certify the financial statements in every financial year.

The grants received by the college are also audited by certified auditors for their utilization.

There are no major audit objections raised by statutory auditors.

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

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

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

0

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

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

The college is self-financed and primary source of income is tuition fees received from the students.

Fee regulating authority of State government approves the tuition fees

College also gets financial sponsorship/awards from Alumni for co-curricular and extra-curricular activities of the students.

The efforts made by the institution in securing additional funding and the utilization of the same for which a regular and systematic effort is taken to generate funding through various Research proposals.

The college has a separate Dean for Research and Development to guide the faculty to obtain grant and finance from various funding agencies. Faculty members are encouraged and motivated to submit research proposals to various funding institutions.

The Head of the Department encourages the faculty members regularly to submit proposal for organizing the FDP/ Seminar/ workshop to funding agencies. The management ensures that the research fund is being used for the intended purpose only. And if require extra amount will be provided to get advanced version of equipment's etc.

The institute has a policy to retain consultancy amount in the ratio of 70:30 to individual faculty member.

Audited statement and utilization statement are submitted to the concerned agency after the completion of the event.

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

6.5 - Internal Quality Assurance System

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

IQAC achieve excellent standards of quality education and continual improvement in all concerned processes, to create technocrats of global standards. It continuously strive to achieve standards of excellence in teaching learning, continuous education, research and lifelong learning by remaining accountable in core and supportive functions by self-evaluation and constant improvements. IQAC have external members. They contributed by motivating faculty for research and guide them for improvement in teaching learning process.

Set up of IQAC IQAC reviews the Institutional Processes and gives suggestions for quality assurance.

Some sample suggestions are as follows.

1 Use innovative teaching methods Maximum faculties are using LCD, ICT for classroom teaching.

2 To organize Workshops, National conferences, and programs on content beyond syllabus. Embedded C training programs organized.

3 Undertake Research Projects and avail Professional bodies

funding: Applications to AICTE for various schemes under process.

4 Motivate faculty for higher education Ph.D. Large number of faculty has cleared PET (Ph.D. Entrance) and few are registered for PhD

5 Students and Alumni: contribute to the effective functioning of the IQAC

6 Dr.APJ Abdul Kalam-Innovation & Incubation Centre: The centre seeks to build an innovation network with multiple stakeholders like Industries, HEIs, R & D labs and others

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Continuous monitoring of the students' performance and is being mentioned in the academic calendar.

The college regularly monitors the performance through: Monthly student's attendance, Test Marks, Assessment of program outcome after the internal and external examinations, mentoring system (Teacher Guardian Scheme) Transparent evaluation procedures for internal assessment

The Institutional mechanisms are in place to continuously review the teaching learning process: The following are few details of its structure, methodologies of operations and outcome,

Internal tests are evaluated & review of the teaching learning process is done. Identify Slow Learners and Advance learners

Monthly review of student's attendance & reporting defaulters to parents is carried out.

Review of University examination results is carried out.

Review of usage of library by both students & faculty.

Remedial and improvement classes for academically Slow Learners

Appropriate measures Such as Motivate for paper presentations/project are taken for Advance learners and monitor their progress. The institution provides training to staff for effective implementation of the Quality assurance procedures.

The Internal quality assurance mechanisms have been designed and formulated in such a way that the outcomes of the mechanisms will automatically fulfil the expectations of external regulatory bodies / quality assurance agencies.

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

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.bncoepusad.ac.in/igac_minutes2324.html
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

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

The women's development cell/ Internal Complaint committee (ICC) evaluates, assists and supports our institute in implementing a policy of zero tolerance on campuses for gender-bias, violence and harassment with the view of eliminating culture of impunity. Along with this, the women's development cell works to develop the self confidence among Women and educates them about Women Rights and Welfare Laws, health and hygiene etc by organizing talks, seminars, and workshops relating to the issues. Infrastructural facilities like well-furnished common rooms and security are at place.

The body of this cell is formed according to the norms given by UGC and AICTE. Various activities were conducted as per the Annual Gender Sensitization Action Plan throughout the year. Many sports indoor and outdoor competitions were organized for the girls students like Cricket, Throw Ball, Basket Ball, Chess, Carom, Table tennis and Badminton. The girl students from all departments participated and enjoyed the events.

On 8th of March 2024, International Women's day was celebrated with zeal and enthusiasm with an Essay writing competition.

A feedback meeting was conducted on 21 March 2024. Annual gender sensitization action plan was discussed and finalised for the next academic session in the meeting.

File Description	Documents
Annual gender sensitization action plan	https://www.bncoepusad.ac.in/images/igac/aqar2024/7.1.1.1.1.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.bncoepusad.ac.in/images/igac/aqar2024/7.1.1.1.2.pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

- 1. Solid Waste Management:** - Solid waste is collected by bins provided at different locations in the campus. The food waste is used in bio gas plant available in the campus. Plant leaves and other garden waste are used for preparing compost. Newspapers are sold to local vendors.
- 2. Liquid Waste Management:** - The waste water from the various departments is collected by a network of underground and open drains and disposed into a nallah adjacent to premises. Waste water from water closets is collected into septic tanks provided separately for various buildings.
- 3. Biomedical waste management-** no such waste is generated
- 4. E-Waste Management:** - Out dated computers but in working condition are donated to nearby needy organizations.
- 5. Waste recycling system-**Garden pits are used to recycle garden waste into manure, bio gas plant sludge as manure.
- 6. Hazardous chemicals waste-**A separate polymeric chemical resistant pipeline is present in chemistry department to carry the corrosive chemicals put into sinks protecting the flooring slab from chemical leakages in the laboratory

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Nil
Any other relevant information	View File

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

A. Any 4 or all of the above

system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</p> <p>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>										
<table border="1"> <thead> <tr> <th data-bbox="86 696 539 757">File Description</th> <th data-bbox="544 696 1437 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 763 539 857">Geo tagged photographs / videos of the facilities</td> <td data-bbox="544 763 1437 857" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 864 539 1003">Policy documents and information brochures on the support to be provided</td> <td data-bbox="544 864 1437 1003" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1010 539 1104">Details of the Software procured for providing the assistance</td> <td data-bbox="544 1010 1437 1104" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1111 539 1171">Any other relevant information</td> <td data-bbox="544 1111 1437 1171" style="text-align: center;">No File Uploaded</td> </tr> </tbody> </table>	File Description	Documents	Geo tagged photographs / videos of the facilities	View File	Policy documents and information brochures on the support to be provided	No File Uploaded	Details of the Software procured for providing the assistance	No File Uploaded	Any other relevant information	No File Uploaded	
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Any other relevant information	No File Uploaded										
<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</p>											
<p>Internal ecosystem of the College is all-encompassing with no biases. The Institute is a home to students with very diverse cultures, with varied ethnic, tribal, linguistic, socioeconomic backgrounds including nomadic and farming communities. Cultural programmes on campus are most part took and copiously colored with the diversity.</p> <p>.Inclusiveness with the adjoining community is reflected through Numerous programmes for inclusion of neighboring community and adopted villages with initiatives like - Joint programmes on environment awareness and cleanliness in the neighboring community. Practicing Yog as a means of nurturing community health, relieving stress. Tree plantation at the adopted villages, supporting aspirants of neighboring community in capacity building by initiatives such as typing test, basic skill enhancement programmes. Social causes such as, Blood donation camp, health awareness, Water conservation programmes like Vanrai</p>											

bandhara and VihirPunarbharanas, health checkup camps for villagers at adopted villages are undertaken.

Student Cells such as SC/ST, Minority, and OBC are created for counseling and support of the students from various backgrounds to address their issues, they feel secure and safe in the campus.College facilitates Government scholarships toall back-ward andEconomically Weaker sectionsincluding their hostel scholarships and free ships.

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

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

The college promotes constitutional values, rights and duties. 15th Aug, Independence Day and 26th January, Republic day functions are held with reverence to National flag & National Anthem, patriotic songs are sung by the students. 76th year of independence was celebrated with fervor with many activities for a week Commemorative days of freedom fighters like Mahatma Gandhi and Lalbahadurshashtri, ,PtNehru, Sardar Vallabh bhai PatelThe NSS unit of college helps develop National character in students by selflessservice. Promotes the "Spirit of common brotherhood".College preserves a diverse culture.

Conservation of natural environment is taught,"Environmental studies"as compulsory subject. A subject professional Ethics has been introduced in curriculum.

College celebrates Constitution day with enthusiasm. Students are made aware of the values and rights like sovereignty, secularism, democracy, social justice, liberty, equality, human dignity , unity and integrity of the Nation, cultural and educational rights , right to constitutional remedies through addresses by experts and college authorities on various platforms. About 5 faculty members are now AICTE certified to teach subject "Universal Human Values".

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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 programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

B. Any 3 of the above

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

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

College is teeming with cultural, spiritual activities all the year, social annual gathering "Gaiety" is the central attraction, which includes literary events like debate, elocution, quiz along with skit, mime, drama, solo and group songs and dances. College participates in university games and youth festival bagging many prizes.

This year college celebrated 76th year of Independence with enthusiasm

Every year events like International Yoga Day, Constitution Day, NSS foundation day, Independence Day, Republic Day are celebrated with enthusiasm.

Ethics and values in life are deeply influenced by the National heroes. College observes birth and death anniversaries of our National and regional stalwarts to relate and get inspired like Dr B.R Ambedkar Jayanti, Mahatma Gandhi and Lal Bahadur Shashtri Jayanti, Dr. S Radhakrishnan Jayanti as Teachers' day, Chatrapati Shivaji Maharaj Jayanti, Sant Gadgebabajayanti, MhatmaPhule, Savitribai Phule jayanti, Sant Sevalaljayanti etc . Babasaheb Naik jayanti and punyatithi, Vasantrao Naik Jayanti and punyatithi (Ex CM Maharashtra who pioneered Harit Kranti in the state). Sudhakar Rao Naik Jayanti and punya tithi (Ex CM Maharashtra and pioneered water conservation movement in the state) are observed with faith.

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

7.2 - Best Practices

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

BEST PRACTICE 1

1. Title - Advanced programmes for aptitude development for students.

2. Objective - To improve employability

3. The Context - Identifying suitable programmes

4. The Practice -

Extensive training programmes are conducted by External Agencies & In-

house initiatives

Advanced Technical programmes conducted on-

- Auto-CAD Training Program
- Training Program on "Water Distribution System Analysis using US EPA EPANET
- Data Engineering And AI Ecosystem
- AWS & Power BI
- Online Workshop on Generative AI
- Online Workshop on SQL
- Machine Learning Algorithms
- Career Opportunities in Cyber Security and Digital Forensic
- Advanced Cloud Lab

5.Evidence of Success-better placements

6. Problems encountered -Students are unable to manage time with the regular curriculum.

BEST PRACTICE 2

1. Title

Water harvesting and conservation initiatives at adopted villages

2. Objective-

Create awareness and provide support for water conservation work in adopted village

3. The Context-

Most of the villages face water scarcity in summer and are unaware of solutions

4. The Practice- Awareness programme in village through rallies, deliberations on "Pani adva , Pani jjirwa" and do actual support work for the water harvesting and conservation through shramdan for a Vanrai bandhara and vihir punarbharan .

5. Evidence of Success-Water table has enhanced in the village reducing the drought days.

.6. Problems Encountered-Motivating villagers to continue with water harvesting initiatives.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

In session 2023-24 we continue to remain a preferred institute for seeking admission in technical education in this province which is amply reflected through the bursting number of admissions in the first year. This could be realized because of our reputation as a resourceful, inherently disciplined college with a pulsating campus milieu.

There are 869 undergraduates while 9 students are enrolled for post-graduation in this session.

T&P department been successful placed 41students in reputed organizations includeBYJU'S, Accenture, Tech Mahindra, Vodafone Idea, Schindler, Suroj Buildcon, Fidesto Projects, HCL, Seltzer, Warner Electronics etc. We are keen upon getting students into internships, training programs to further build their capacity, and they have been encouraged to get personal certifications in various soft skills and programming skills.

Mr.Shankar Bhaskar Deshmukh from Mechanical Engineering has stood at 9th University Merit with 8.6 CGPA

This session the college has facilitated government concessions to students from weaker sections. , amounting to approximately 4.92crores.

College has organizedSTTPs, and training programmes for students-like Advanced Cloud Lab

15 faculty members have published paper in international Journals & conferences. 75 attendances at workshops, FDPs and STTPs & webinars at various places have been on record. Four patents have

been registered, few books have been published. Expert talks have been delivered at various places.

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

7.3.2 - Plan of action for the next academic year

1.To make our institute a preferred destination for Engineering education.

2.To provide advance computing facilities through remote servers using a cloud lab with MoUs to accesses platforms like AWS, Develop inhouse mentors for future.

3. To continue organizing more online/offline - Workshop, FDPs, STTPs, Inovation and IPR etc. for the benefit of, research scholars and faculty as new recruitments are increasing.

4. To conduct software training in allthe departments useful to promote projects and placement opportunities in inter disciplinary fields like IoT, mechatronics, robotics etc.

5. To achieve a greater number of University merits and GATE Score.

6. To harness support of alumni alsofor placement of regular students with special drive for the pass out students.

7. Increase the Internet access to all stakeholders.

8. Strengthening the alumni base by promoting our new website.

9. To identify various problems and issues specific to our locale and provide guidance and support through UBA, NSS and other Students Associations.

10. To procured smart boards and add new LCDs with better lumens.