



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1. Name of the Institution

BAPATLA ENGINEERING COLLEGE

- Name of the Head of the institution **Dr Nazeer Shaik**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **08643224244**
- Alternate phone No. **08643224266**
- Mobile No. (Principal) **9440730035**
- Registered e-mail ID (Principal) **bec_principal@becbapatla.ac.in**
- Address **GBC ROAD, MAHATMAJI PURAM**
- City/Town **Bapatla**
- State/UT **Andhra Pradesh**
- Pin Code **522102**

2. Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **23/06/2010**
- Type of Institution **Co-education**

- Location **Rural**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr P Sundara Kumar**
- Phone No. **08643224244**
- Mobile No: **9182426301**
- IQAC e-mail ID **beciqac@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) <http://becbapatla.ac.in/>

4.Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <http://becbapatla.ac.in/academic-calenders/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.49	2023	01/05/2023	30/04/2028
Cycle 2	B++	2.99	2020	11/03/2020	10/03/2025
Cycle 1	B	2.70	2015	03/03/2015	02/03/2020

6.Date of Establishment of IQAC **07/10/2015**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
-	-	---	Nil	-

8.Provide details regarding the composition of the IQAC:

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

9.No. of IQAC meetings held during the year **03**

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

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

10. Did IQAC receive funding from any 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)

NAAC score was increased to 3.49 (A+) from 2.99 (B++) during the re-assessment.

Conducted workshops to foster quality improvement among faculties

Introduced external audit for greater transparency

Enhanced student overall development by conducting several co-curricular and extracurricular activities

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Organization of Conferences and Seminars	Faculty were motivated towards the contemporary developments
To enable ICT based Teaching - Learning process	Faculty were trained on ICT based Teaching methodologies
Increasing the Patent and Paper Publications	Faculty have published good number of peer reviewed articles
Industry - Institute interactions	Number of Internships were increased
To introduce new courses	Each department has introduced new job oriented and skill oriented courses
To audit the teaching learning process and to obtain the feedback on the same to ensure quality in the teaching learning process	IQAC conducts Internal and External Audits of the departments and suggests the departments for necessary improvements
To encourage Innovation , Incubation and Entrepreneurship activities	Established Institutional Innovation Council (IIC) as per the guidelines of MHRD - INDIA
To foster a campus culture that values diversity and multicultural perspectives.	Cultural events and awareness programs are organized regularly to cater the diversity without any gender bias
To improve the Community Engagement activities	Conducted a good number of Extension activities with the support of NCC, NSS Student clubs.
To improve NAAC score from B++ to A++	NAAC score was improved from 2.99 to 3.49 and grade from B++ to A+ in 2023

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	28/08/2021

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

Data of the Institution

1.Name of the Institution	BAPATLA ENGINEERING COLLEGE
• Name of the Head of the institution	Dr Nazeer Shaik
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08643224244
• Alternate phone No.	08643224266
• Mobile No. (Principal)	9440730035
• Registered e-mail ID (Principal)	bec_principal@becbapatla.ac.in
• Address	GBC ROAD, MAHATMAJI PURAM
• City/Town	Bapatla
• State/UT	Andhra Pradesh
• Pin Code	522102
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	23/06/2010
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr P Sundara Kumar
• Phone No.	08643224244

• Mobile No:	9182426301				
• IQAC e-mail ID	beciqac@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://becbapatla.ac.in/				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://becbapatla.ac.in/academic-calenders/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.49	2023	01/05/2023	30/04/2028
Cycle 2	B++	2.99	2020	11/03/2020	10/03/2025
Cycle 1	B	2.70	2015	03/03/2015	02/03/2020
6.Date of Establishment of IQAC			07/10/2015		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
-	-	---	Nil	-	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	03				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes				

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
NAAC score was increased to 3.49 (A+) from 2.99 (B++) during the re-assessment.		
Conducted workshops to foster quality improvement among faculties		
Introduced external audit for greater transparency		
Enhanced student overall development by conducting several co-curricular and extracurricular activities		
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		

Plan of Action	Achievements/Outcomes
Organization of Conferences and Seminars	Faculty were motivated towards the contemporary developments
To enable ICT based Teaching - Learning process	Faculty were trained on ICT based Teaching methodologies
Increasing the Patent and Paper Publications	Faculty have published good number of peer reviewed articles
Industry - Institute interactions	Number of Internships were increased
To introduce new courses	Each department has introduced new job oriented and skill oriented courses
To audit the teaching learning process and to obtain the feedback on the same to ensure quality in the teaching learning process	IQAC conducts Internal and External Audits of the departments and suggests the departments for necessary improvements
To encourage Innovation , Incubation and Entrepreneurship activities	Established Institutional Innovation Council (IIC) as per the guidelines of MHRD - INDIA
To foster a campus culture that values diversity and multicultural perspectives.	Cultural events and awareness programs are organized regularly to cater the diversity without any gender bias
To improve the Community Engagement activities	Conducted a good number of Extension activities with the support of NCC, NSS Student clubs.
To improve NAAC score from B++ to A++	NAAC score was improved from 2.99 to 3.49 and grade from B++ to A+ in 2023
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
Academic Council	28/08/2021
14. Was the institutional data submitted to AISHE ?	Yes
• Year	
Year	Date of Submission
2022	11/01/2023
15. Multidisciplinary / interdisciplinary	
<p>Multi - disciplinary and interdisciplinary approaches are very much needed to solve the contemporary issues effectively. On the other hand, multidisciplinary problems require a greater depth of understanding the concepts and exploring them with the point of view of their present program of study. The Bapatla Engineering COLLEGE has established five Centres of Excellence (CoE) that collaborate across all departments to advance research and education in the subject areas of automation, robotics, mechatronics, design and development. The CoEs are established with the support of renowned industries such as Bosch and Siemens.. BEC has MHRD - IIC (Institute Innovations Council) and participate in the AICTE ARIIA (Atal Ranking of Institutions on Innovation Achievements) ranking. IIC collaborates with all departments of the college to disseminate information about design thinking, ideation, innovation, patent filing, and entrepreneurship. The Autonomy, BEC made "Open Electives (From H&S Departments)" and "Institutional Electives (From Engineering Departments)" mandatory along with "Departmental Electives" in the curriculum to promote the Multidisciplinary/interdisciplinary culture in the campus. Majors (Honours) and Minors degree are also introduced in the curriculum to improve the scope of multidisciplinary/interdisciplinary learning.</p>	
16. Academic bank of credits (ABC):	
<p>Students are given a lot of freedom in their educational pursuits under the National Educational Policy (NEP - 2020). It can be a 4-year bachelor's degree, but it could also be a 2- or 3-year certificate or diploma programme on the early exit. In addition, NEP 2020 offers the students to transfer credits they have earned among different regionally accredited institutions toward the</p>	

award of a single degree. As part of this plan, National Academic Bank of Credit can be established digitally with the support of National Academic Depository (NAD) to archive the credits that students acquire at different accredited HEIs. The Bapatla Engineering College shall strictly adhere to the guidelines of University Grants Commission and in the establishment and in the operation of Academic Bank of Credits as per the Higher Education-Regulations, 2021 in this regard. BEC believes that the implementation of ABC programme helps the students to pursue the career with multiple cultures of different academic scenarios.

17.Skill development:

Bapatla Engineering College strongly believes that skill upgradation of youth will greatly influence the workmanship of the country. Therefore, apart from the typical academic curriculum, it is of equal importance to provide students with an opportunities to take part in courses that can increase the skill set of students. Bapatla Engineering College has introduced Skill oriented Courses in R-20 Curriculum through which the Students are encouraged to undergo certifications for specific skills, as well as to participate in mini-projects and MOOCs. Students are stimulated to participate in skill-building activities such as code hacking competitions, idea creation contests, project expos and field visits. Special trainings on Language, Aptitude, Core technical concepts and inter - intra Skills are also planned at regular intervals to foster the culture of all round development. Internship is also made mandatory in the curriculum to make the students industry ready. The students are encouraged to take online courses through SWAYAM, NPTEL, Coursera, edX, Udemy.. and on other platforms. These certifications are considered for credits to award minors as well as honours degrees

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

Promoting local linguistic skills and local cultures can help students' professional growth as such India has numerous cultures and languages. In light of NEP-2020's vision for teaching-learning in Indian languages, the institution must create an atmosphere where students can teach-learn in their mother tongue. These efforts would boost the students' pride in their own abilities and understanding the concepts at different levels of multiple domains. However, even though the nature of the working environment for engineering graduates requires proficiency in English, the value of communication in the English language should not be downplayed. The ability to express the views,

ideas, thoughts, opinions, etc., by the student are addressed in BEC with a mix of English and local languages. BEC offers great importance to Indian Culture and Languages. "Essence of Indian Traditional Knowledge (EITK)" course made mandatory to all the branches of students where the students were exposed to the lifestyles, scientific and mathematical knowledge of earlier days. With due respect towards mother language and local culture, Bapatla Engineering College organizes several cultural events that can stimulate the Indian traditional system without any gender sensitization. These can help the students to rejuvenate his skills.

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

Outcome based education (OBE) stated by Course Outcome (CO), Program Outcome (PO), Program Specific Outcome (PSO) and Program Educational Objective (PEO) establish a clear set of goals for students to achieve mentioned by relevant course or programme. The implementation OBE will improvise the Teaching - Learning Process (Preparation, delivery, evaluation and assessment) and enrich the student, teacher, employer and other stakeholder's contributions. National Education Policy-2020 also addresses the benefits of OBE. Multiple entry & exit options, academic bank of credits, learning outcomes, online & digital learning, and feedback system will promote OBE in higher education. In this regard, Bapatla Engineering College has put their efforts in implementing the OBE in the institution. IQAC of BEC regularly conduct training programs for the newly joined faculty about OBE procedures. All syllabus are inculcated with COs, POs, PEOs and PSOs. Students are trained with multiple pedagogical practices and the stakeholders are intimated about the best practices that are happening in the campus

20.Distance education/online education:

The UGC regulates Distance/Open Education in India, and only specific universities can offer it. As of now Bapatla Engineering College does not offer courses in distance education. Regarding Online Education, BEC like other institutions, during the COVID-19 pandemic, was forced to deliver education in online mode to students who under normal situations would have been on campus. All the course instructors have been trained to use the online education platform. During Pandemic, licensed "Microsoft teams" and "Test Portal" platforms have been used effectively for course delivery and for examinations. The College library also provides support for student's online educational pursuits. At later stages of COVID pandemic, BEC teachers have conducted

classes in online mode as well as in hybrid mode. Webinars are also conducted to make the students familiar with concurrent technologies. Further, over the last few years, BEC had mandated the MOOC in the curriculum for skill up gradation and to meet the industrial demands. In conclusion, BEC was well-prepared to deliver flexible modes of education and ready to participate in the Educational Reforms.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	26
--	-----------

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	4382
--	-------------

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	894
--	------------

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	7395
---	-------------

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	1281
-----	-------------

Number of courses in all programmes during the year:						
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Institutional Data in Prescribed Format</td> <td>View File</td> </tr> </tbody> </table>		File Description	Documents	Institutional Data in Prescribed Format	View File	
File Description	Documents					
Institutional Data in Prescribed Format	View File					
3.2	Number of full-time teachers during the year:	282				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Institutional Data in Prescribed Format</td> <td>View File</td> </tr> </tbody> </table>		File Description	Documents	Institutional Data in Prescribed Format	View File	
File Description	Documents					
Institutional Data in Prescribed Format	View File					
3.3	Number of sanctioned posts for the year:	35				
4.Institution						
4.1	Number of seats earmarked for reserved categories as per GOI/State Government during the year:	999				
4.2	Total number of Classrooms and Seminar halls	86				
4.3	Total number of computers on campus for academic purposes	2180				
4.4	Total expenditure, excluding salary, during the year (INR in Lakhs):	1493.87				
Part B						
CURRICULAR ASPECTS						
1.1 - Curriculum Design and Development						
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.						
The college always strives to update the curriculum to cater the						

needs of the industry and it is in tune with the statutory body requirements. Curriculum is a key factor that is reflected in program quality. Participation of all the stake holders i.e., alumni, industry personnel, senior professors is there in the design of curriculum. Feedback from the staff, students and alumni is considered while designing the syllabus. The curriculum is flexible and several choices of subjects in terms of skill advanced course, program electives, job oriented courses, professional electives are included. Emphasis is given to the practical sessions. To meet the national and global perspective of engineering and technology, the curriculum is enriched with the subjects such as Constitution of India, Building Construction and allied subjects as per Indian Standards (Steel: IS800:2007, Concrete: IS456:2000), Cyber laws as per the Indian constitution, Machine Design as per national standards, Electrical Energy Conservation and Auditing as per the Bureau of Energy Efficiency, Government of India in the respective branches. Further code of ethics from ASME, ASCE, IEEE, Institution of engineers (India), Indian Institute of Materials Management, Institution of electronics and telecommunication engineers (IETE), India are included in the mandatory course titled "Profession Ethics and Human Values".

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	http://becbapatla.ac.in/co-po-mapping/

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

13

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

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

1174

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

1.2 - Academic Flexibility

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

157

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

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

21

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

1.3 - Curriculum Enrichment

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

Integrating cross cutting issues such as Gender Sensitivity,

environment and sustainability, Human Values and Professional Ethics in the curriculum instills results in a holistic development of the students. The institute firmly believes in such holistic development of a student and has incorporated a variety of courses into curriculum. Professional Ethics & Human Values: All the students of B.Tech are offered a course on Professional Ethics & Human Values in the third or fourth semester of their course of study. The course enhances their understanding of engineering as social experimentation. Environmental Studies: All the students are offered a course on Environmental Studies either in the first semester or second semester of their course of study. The course enriches them to understand the ecosystems and need of biodiversity. Gender Sensitivity: A course titled "Constitution of India" provides knowledge on the functioning of institutes and bodies for the welfare of women. The institute has constituted Women Empowerment Cell and Internal Complaints Committee (ICC) to provide counseling to students, promote gender equity among students and also to deal with related issues of safety and security of female students, staff and faculty.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

35

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

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

3010

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

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

2885

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://becbapatla.ac.in/igac-2/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://becbapatla.ac.in/igac-2/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
1424	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	
928	
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 students' learning levels and organises special programmes for both slow and advanced learners.	
<p>The Institution assesses the knowledge and competence levels of the students at the time of their entry into the program. Students learning abilities are obtained from their performance in the qualifying examination and the induction training program is conducted immediately after admission. Bridge courses are also conducted in the individual departments to help the students to the level of higher education. Bapatla Engineering College believes in the outcome-based learning process. Institution adopts a process to identify slow and advanced learners among students. Advanced learners and slow learners have identified as per their responses in the classroom as well as the performance in first series of assignment test and mid examination. Slow learners:</p> <ol style="list-style-type: none"> 1. Remedial classes are arranged after the regular classwork. The schedule for organizing remedial classes for slow learners was prepared. 2. Individual counselling is conducted by the concerned mentor. Teachers are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counselling sessions are held, and additional teaching is taken up if 	

required. Advanced learners 1.Students are encouraged towards national competitive Examinations. 2.Special guidance is given to students to participate in Hackathons, Paper Presentations, Project Competitions and participate in Summer Projects and Internships.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/11/2023	16	1

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

I. Experiential Learning: Each department conducts add-on programs to support students in their experiential learning. The institution practices the following experiential learning methods to enhance the creativity and cognitive levels of the students 1. Laboratory Sessions are conducted with content beyond syllabus experiments. 2. Summer internship facilitates students to get hands-on training while working in the company. 3. The learning process is supplemented with Add-on Courses on latest technologies by utilizing online platforms like NPTEL, ICT-IITK, SAP, and Coursera. **II. Participative Learning:** Students participate in various activities such as seminars, group discussions, poster presentation and projects. Students are encouraged to participate in activities where they can use their specialized technical or management skills. 1. The Curriculum facilitates the students to opt MOOCs courses for the completion of regular professional/job oriented elective courses. 2. Students are advised to participate in the professional societal activities of CSI, IEEE, IETE and ISTE. **III. Problem-solving methods:** Departments encourage students

to acquire and develop problem-solving skills. For this group and individual actives are conducted such as: 1. Regular Assignments based on problems 2. Mini Project development 3. Regular Quizzes 4. Case studies and Discussion 5. Additional programming exercises in the lab sessions..

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

Bapatla Engineering College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. ICT tools have become an integral part of teaching-learning process. ICT tool has enabled faculty members to effectively deliver the course contents and monitor students' performance through various assessment tools. 1. Use of ICT By Faculty 1.Offline Lecture Delivery- Faculty members use laptops, LCD projectors, Pen Tablets and Internet connectivity while delivering lectures in classrooms apart from using conventional chalk and board. The campus has been enabled with 1 GBPS Internet Leased Line with an additional support of 40 Mbps internet connectivity 2.Laboratories with Computing Facilities: The laboratories of the departments are equipped with the state-of-the-art computing facilities for imparting practical knowledge to students by the faculty. The college has 1671 computers. 3.Online Classes, FDPs, Workshops and Webinars- Faculty members use collaboration tools like Microsoft Teams and Google Meet, Computers and Pen Tablets for conducting online classes. All faculty members and students have access to Microsoft Office 365. 4.Subscription to E-Journals and E-Books: The college has subscription for DELNET for the usage of e-journals and e-books.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://becbapatla.ac.in/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues	
2.3.3.1 - Number of mentors	
282	
File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded
2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution	
<p>The academic calendar is prepared after extensive discussion with all the Heads of the Departments. In addition, the inputs from previous year Academic Monitoring Committee reports, Audit Team reports, Training & Placement officer and the Controller of Examinations are taken into consideration. The CRT schedules are prepared prior to the commencement of the classwork. The dates of AATs (Alternate Assessment Tests) , Mid Term Examinations under Continuous Internal Evaluation (CIE) and Semester End Examination(SEE) are included in the academic calendar in addition to the probable vacations slots. In general, 16 weeks are allocated for a typical semester class work in which, four weeks for the AAT1, and eight weeks for the First Mid Term Examination. The remaining eight weeks for AAT2 and Second Mid Term Examination. After one week of the Second Mid Term Examination, SEE examination is conducted. The academic calendar is circulated to all the students and faculty prior to the commencement of the academic year and is made available in the college website. According to the academic calendar, all the faculty members plan their lesson plans and unit wise syllabus coverage. Teaching plans are prepared by all the faculty members.</p>	
File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File
2.4 - Teacher Profile and Quality	
2.4.1 - Number of full-time teachers against sanctioned posts during the year	
282	

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

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

80

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

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

2836

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

15

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

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

630

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

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

The College has Assessment and Examination Policy clearly states the objectives and process of evaluation. The college has a continuous evaluation system with different types of assessments. The college has full fledged examination cell headed by the Controller of Examinations (COE). Continuous Internal Evaluation (CIE) methods and their weightage is pre-defined by each instructor as per the academic rules and regulations, except two mid examinations that are mandatory. Mid examinations and Semester End Examinations (SEE) are organized centrally by the examination cell for optimum utilization of resources. COE continuously coordinates with the Heads of the departments and Chief Superintendent for solving the examination and academic hurdles from time to time for smooth conduct of the examinations.

1. Freedom is given to the teacher to choose the mix of continuous evaluation methods.
2. Lesson plan is prepared by the teacher at the beginning of the semester and communicated to the students.
3. Question paper is scrutinized an hour before the examination by a team of subject teachers to ensure the standard, spread of the syllabus and mapping of course objectives, following BLOOMS taxonomy.
4. Examinations notices are made available in the college website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://becbapatla.ac.in/education-verification/

2.6 - Student Performance and Learning Outcomes

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

The College adopts Outcome-based education rather than input-oriented learning. Program Outcomes (PO) and Program Specific Outcomes (PSO) are derived from the Program Educational Objectives (PEO) of each program. Course Outcomes (COs) are developed keeping the POs and PSOs in to consideration. POs and PSOs are prepared by a group of senior faculty members of the Department while designing the curriculum. The courses in the curriculum are carefully prepared to achieve POs and PSOs. The subject teacher(s) prepares(s) the course objectives and learning outcomes. Peer review is carried out further for finalizing the POs and COs. The following mechanism is followed by the institution to communicate the POs, PSOs and COs for all programs offered by the Institution to the teachers and students.

POs and PSOs are made available in the Institute website (www.becbapatla.ac.in). Hard copies of the syllabi and POs, PSOs, and COs are available in the departments for ready reference to the teachers and students. POs and PSOs are kept in prominent locations of the campus for staff, students, and public view. POs and PSOs are displayed in the Department office, Laboratories, and Department library

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	http://becbapatla.ac.in/co-po-mapping/

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

The faculty records the performance of each student with the help of the specified course outcomes attained in Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). Each question in the CIE and SEE are mapped to the corresponding CO and the overall attainment of POs and PSOs is based on the average marks obtained by each student. Some of the key indicators of measuring attainment are:

1. Semester End Examination (SEE): Students are required to take examinations as per the semester pattern, institution measures programme outcomes based on the course attainment level fixed by the department.

2. Continuous Internal Evaluation (CIE): The students are required to take Mid examination twice in a semester which are designed in line with POs and PSOs. Additionally, assignment tests, internal/class tests, quiz, viva etc. are conducted repeatedly in a semester to judge the performance of the students on a regular basis.

3. Practical Assessment/ External Assessment: Practical courses are evaluated by inviting external experts appointed by the institute to assess each student by conducting Practical examinations and taking Viva Voce examination.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://becbapatla.ac.in/co-po-mapping/

2.6.3 - Pass Percentage of students

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

859

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://becbapatla.ac.in:8080/STUDENTINFO/index_r20.html

2.7 - Student Satisfaction Survey

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

<http://becbapatla.ac.in/iqac-2/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The proverb "a teacher is a constant learner" is one that the institute firmly believes in and is what motivates it. It motivates all levels of professors and students to conduct study in their specialised fields as a result. The college has a well-defined Research Policy. The objectives are clearly stated in the Research Policy. At Bapatla Engineering College, research and development (R&D) activities are carried out by youthful, enthusiastic, and knowledgeable faculty members. All engineering disciplines have access to the tools and other resources required to undertake research, including the CAD-CAM lab (ME), Material Testing lab (CE), Advanced Communication lab (Software-Defined Radio, ECE), Cyber Security Lab (CSE), Machine Learning Lab (IT) and Power Systems Laboratory (EEE). They serve as venues for undertaking project-based research by academic staff and students. The submission of ideas for research projects, seminars, conferences, or workshops to different funding sources is encouraged for faculty members. The cost of attending conferences (Registration Fee, Travelling Allowance, Dearness Allowance), workshops, seminars, symposia, and faculty development programs is reimbursed by the college for all the faculty members. The college encourages the faculty to conduct the conferences and faculty development programs at national and international level.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://becbapatla.ac.in/wp-content/uploads/Bapatla_Engineering_College_Research_Policy.pdf
Any additional information	View File

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

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

0.60332

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

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

18

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

3.2 - Resource Mobilization for Research	
3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)	
0.00	
File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded
3.2.2 - Number of teachers having research projects during the year	
0.00	
File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File
3.2.3 - Number of teachers recognised as research guides	
21	
File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File
3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year	
0.00	

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

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

The key aspects of ECO system for Innovation in the College is defined by the infrastructure, technology and human resources and established the Centre for Innovation, Incubation and Entrepreneurship (CIIE) in the year 2017. Also, the college set-up Institution's Innovation Council (IIC) in its first edition itself in theyear 2018. Since then IIC is progressing steadily with various activities pronounced by MoEs Innovation Cell (MIC) year on year. CIIE was instrumental to have MoU among the college and Atal Incubation Center (AIC) Anatapuramu for handhold support of students for Incubation actives. The college has formulated Innovation & Start-up policy in line with NISP-2019. IIC have a team of faculty across all the departments who have trained as Innovation Ambassadors (IAs) are actively engaged in all the IIC activities and also guide the students to inculcate Innovation /start-up eco system. One patent was got awarded to our faculty in the year 2022 for their innovation "Producing Micro Lamellar Zinc Orthopedic Implants". Our Student team led by Mr G Pramod Kumar have participated in Grand finale of SIH-2022 hardware edition held at Manav Rachana University at Faridabad during August 25-29, 2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/iic/

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

32

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

02

File Description	Documents
URL to the research page on HEI website	http://becbapatla.ac.in/r-d/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

102

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

26

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/wp-content/uploads/3.4.4_Books_Chapters.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

456

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

19

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

3.5 - Consultancy

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

4.24

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

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

0.00

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

3.6 - Extension Activities

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

Bapatla Engineering College (BEC) is trying to inculcate popular saying "Helping Hands are Better than Praying Lips" to its students and motive of the College is imparting values such as "Service to mankind is service to self", "dignity of labor", "harmony and team spirit", and to develop positive attitudes in students. The college has established one NCC unit, and three NSS units with nearly 400 dedicated student volunteers. National Service Scheme (NSS)/Yoga is compulsory for all the Undergraduate students. The student participation shall be for a minimum period of 45 hours during the first year. Grades will be awarded as Very Good, Good, Satisfactory in the mark sheet on the basis of participation, attendance, performance and behavior. Blood donations: Every year considerable number of our students donates blood directly to the needy patients in the nearby hospitals. So far our students have carried out 1000 units of live blood donations since 2010. Swachh Bharath: BEC-NSS/NCC students have participated in training programs organized every year as well as in the programs awareness and cleanliness. Medical Camps: Participated in medical camps, as volunteers, in association with independent foundations which conducted camps where around 2000 patients attend.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/wp-content/uploads/3.6.3_Extension_Activities.pdf

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

06

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

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

49

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

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

8215

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

3.7 - Collaboration

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

1768

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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

27

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	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 equipments, etc.

The College encompasses a well-maintained campus spread over 30 acres of land ensuring adequate availability and optimal utilization of physical infrastructure.

Classrooms and Seminar Halls: The college encompasses a sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

Laboratories: All laboratories are well equipped with state-of-the-art equipment and facilities. Labs are also utilized for technology learning & training as a part of teaching content beyond the syllabus.

Computing Facilities: The College has very good computing facilities which are upgraded on demand basis both for computers and software.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities for the students and staff.

Available bandwidth: The bandwidth available for college is 40 Mbps Broad band and additional 1 GBPS Internet Leased Line(ILL) facility.

Library Facilities: The Central Library is fully automated with SOUL 2.0 Software. The Library has a collection of 78,898 Volumes of textbooks 725 International Online Journals (IEEE, ASCE, ASME, and Springer), and 105 International and National print Journals.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The college is committed to the comprehensive development of students academically and socially and to promote life skills. These promotes leadership and decision making capabilities by involving them and giving independent responsibility in several activities and events.

Sports and Games

The college has qualified physical director to train the students and make them to Participate/Organize various events at college inter-collegiate and national level competitions.

CCA and AWAAZ : Center for Creative Arts is a cultural and fine arts wing of college. A communication and literary club (AWWAZ) of the college is established to extract hidden talents and develop communication, presentation and soft skills .

SOCIAL SERVICES :

NSS , NCC units of the college carry several service events in and outside the college . NCC team is headed by well qualified officer with 50 students cadets. The college is having three registered NSS units 2 male and one female .

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/cca/

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

86

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

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

811.8

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

4.2 - Library as a Learning Resource

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

The Library is automated using Integrated Library Management Systems (ILMS) using SOUL 2.0 software developed by INFLIBNET. Owing to the advent of technology and rapidness circulation (issue & return) process in the Library is made possible with automation. Library Catalogue (OPAC) of holding is used to know the status of the book.

The Library has a collection of 78,898 Volumes of text books and 725 International Online Journals (IEEE, ASCE, ASME and Springer) and 105 International and National print Journals. Digital Library is available with 28 computers to access all e-resources (e-journals, e-books) with Internet facility of 1000 Mbps is available to access online MOOC courses. Every student gets access to MOOC courses including NPTEL video lectures with a Digital library and can utilize Internet facilities to collect information related to Technical, Aptitude, and General knowledge. Off-campus access (remote access) is available for staff and students to access all e-resources of the Digital Library from anywhere and anytime through knimbus mobile app.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/library/
4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above
File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File
4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)	
20.12	
File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File
4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)	
4.2.4.1 - Number of teachers and students using the library per day during the year	
592	
File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

The College gives lot of importance to IT facilities and deploys best-in-class IT infrastructure and Application development software for Academic and student support. The campus has been enabled with 1 Gbps Internet Leased Line(ILL) and 40 Mbps broadband internet connectivity, providing anytime anywhere access to knowledge and learning resources.

Wi-Fi hotspots are provided throughout the campus facilitating all the students and staff members with their academic work and skill development. Over 1200+ LAN points were augmented across the campus computer labs, staff rooms, library and office spaces.

Centrally Air-conditioned and with a plinth area of 12,600 sq.ft., the computer centre is equipped with Six servers (4 Xeon Processor based Servers and 2 Pentium Processor Based Servers) which cater to 1600+ Nodes (Latest Pentium I7 processor with TFT LCD Displays) spread across the campus, organized in Client/Server architecture with AT & T structured cabling compliance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/college-academic-policies/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4382	2180

File Description	Documents
Upload any additional information	View File

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

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

604.82

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

Preventive Maintenance Policy and Safety and Security Policy drives the administration towards the maintenance and utilization of physical facilities. The college has established procedures for utilizing the physical, academic and support facilities and adopts a preventive management system for all equipment and devices that are used in the classrooms, laboratories, and other places. Furthermore, the college has also constituted Maintenance committee that consists of faculty members and technical staff

from the Departments of Civil engineering, Electrical and electronics engineering, and Mechanical Engineering to take care of the College buildings maintenance, electrical maintenance, and equipment maintenance which involve welding, plumbing, and carpentry. The department Heads inform the Convener of the committee and the work is delegated to the appropriate persons. The laboratory equipment maintenance is carried out by the respective departments. Every year preventive maintenance is carried out internally and, if necessary, with external technicians. For example, maintenance of power systems such as UPS, Electrical Generator, and Solar energy systems is carried out by the Department of Electrical and Electronic engineering. The maintenance of class room furniture, laboratory furniture, facilities is carried out by Department of Mechanical Engineering.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/college-academic-policies/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2827

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

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

112

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year	
2466	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances	A. All of the above

through appropriate committees	
File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded
5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
382	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
5.2.2 - Number of outgoing students progressing to higher education	
31	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
89	

File Description	Documents
Upload supporting data for students/alumni	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 and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

174

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

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

Bapatla Engineering College encourages democratic functioning of all systems and participation of staff and students in various fields. The students are invited as members /coordinators into various statutory and non-statutory committees with a motive of student progression develop leadership qualities and organizing capabilities, improvement of life skills and abilities, effective teaching, effective usage of facilities, create social awareness, student welfare and health consciousness. The student activities committees are formed with staff and students that plays major role to implement these ambitions. Every committee is having senior faculty as coordinators and few active students are taken as coordinators. With the guidance of staff the students execute several tasks and get experience / develop leadership and managerial qualities. CCA (center for creative arts): this center with a faculty convener and student members organize cultural programs and events. It attracts and trains the students and makes them to show their talent at various competitive platforms. NCC & NSS: The college is having three registered NSS units 2 male and one female . Associate dean student affairs six faculty and 150 dynamic students carry all service activities. Anti-Ragging Canteen Advisory Committee Internal compliance committee

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://becbapatla.ac.in/non-statutory-committees/

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

10

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

5.4 - Alumni Engagement

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

The Alumni are a strong support to the institution. The active alumni association is contributing much in academic matters, student support as well as mobilization of resources-both financial and non-financial. Bapatla Engineering college alumni association is registered with the Registration number 31954, has a clear organizational structure elected once in two years to advance the activities of student-alumni interaction, work for overall growth of the college and students duly maintaining the alumni through website <https://becalumni.org/> through which one can share their views, mentor existing student, suggestions and information. The institution nurtures the alumni association/chapters to facilitate them to contribute significantly to the development of the institution through financial and non-financial means. Alumni meet every year in the college which is active on social media with its groups. College is dedicating a column for alumni newsletter, encouraging alumni to visit campus and participate in all activities and to assist the students to obtain the sponsorships, internships, projects, placements duly through the matching grant.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://becalumni.org/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

VISION: To build centres of excellence, impart high quality education and instil high standards of ethics and professionalism through strategic efforts of our dedicated staff, which allows the college to effectively adapt to the ever changing aspects of education. To empower the faculty and students with the knowledge, skills and innovative thinking to facilitate discovery in numerous existing and yet to be discovered fields of engineering, technology and interdisciplinary endeavours. Mission Our Mission is to impart the quality education at par with global standards to the students from all over India and in particular those from the local and rural areas. We continuously try to maintain high standards so as to make them technologically competent and ethically strong individuals who shall be able to improve the quality of life and economy of our country. The Quality Policy of the college is to provide value-based quality education that scales linearly with evolving technology to generate qualified and skilled experts who are prepared to take on worldwide problems.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://becbapatla.ac.in/

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

and participative management

Our Institute has a mechanism for delegating authority and providing operational autonomy to all the functionaries to work towards the decentralized and participative governance system. Decentralization The Governing Body delegates all the academic and operational decisions based on policy to the Principal, Deans, Associate Deans, Head Of the Departments, Chief Finance Officer (CFO), Office Manager and various statutory and non-statutory committees in order to fulfill the vision and mission of the institute. They work according to the statutes and regulations of the College Participative management: The institute promotes a culture of participative management by involving the staff and students in various activities. At the Department level, all the faculty members are part of the decision making whenever necessary. The Statutory and non-statutory Committees make decisions involving all the members of the Committee including student members. Both students, faculty, Technical and Non-Technical staff have freedom to express themselves of any suggestions to improve the excellence in any aspect of the Institute.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

The College has a Strategic plan :2022-23

IQAC has prepared the strategic plan for the period 2020-2025 in line with the vision and mission of the institute. The strategic plan is vital for any engineering college as it provides a clear roadmap for long-term success. It sets a direction, allocates resources efficiently, enhances decision-making, and ensures accountability.

Objectives:

Academic Excellence

- To revise the curriculum to meet industry standards and NEP 2020
- To introduce new courses
- To enable ICT based Teaching - Learning process
- To make the students industry ready programs

Innovation and Research

- To encourage faculty and student publications in peer reviewed journals
- To encourage Innovation , Incubation and Entrepreneurship activities
- To establish Research labs and Centers of Excellence

Inclusivity and Diversity

- To expand scholarship and financial aid programs for under represented group
- To foster a campus culture that values diversity and multicultural perspectives

Innovation and Research

- To establish Research labs and Centers of Excellence

Faculty Development

- To provide seed money for research
- To create a conducive work environment

Stakeholders Suggestions Improve Institute's Recognition Eco friendly Initiatives/ Usage of Alternative energy resources

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from

the policies, administrative set-up, appointment and service rules, procedures, etc.

The Principal is the functional head of the college with respect to the academic and administrative setup and reports to the executive body of the Management of the college. He coordinates in designing and implementing the complete spectrum of academic policies and practices aligned with the mission and vision of the college and ensures compliance to the quality requirements of the statutory bodies. The Governing body is constituted in accordance with the guidelines of UGC. It approves the recommendations of the Academic Council, service rules, academic and administrative procedures, recruitment, promotional policies as well as grievance redressal mechanism. The Academic Council is headed by the Principal and comprises of eminent people from academia, affiliating university, industry and heads of the departments. It scrutinizes and approves the curriculum recommended by the Boards of Studies with regard to courses of study, syllabi, examination evaluation and academic regulations. The Board of Studies comprising of eminent scholars from NITs, IITs and Industry along with the faculty members of the department, designs the curriculum and regulations. The Finance Committee prepares the budget plans and the accounts of the college are duly audited.

File Description	Documents
Paste link to Organogram on the institution webpage	http://becbapatla.ac.in/wp-content/uploads/6.2.2_organization_chart.pdf
Upload any additional information	View File
Paste link for additional Information	http://becbapatla.ac.in/governance/

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

The Institution provides effective welfare measures to both teaching and non-teaching staff. All statutory welfare measures are implemented. Various monetary, non-monetary measures towards personal and professional growth are being followed to the satisfaction of the employees.

1.Awards for staff in every year on the occasion of engineers day

2.Employees are covered under EPF.

3.Study, Maternity and Medical leaves are sanctioned for the required staff.

4.Registration fees, Dearness allowance, Travel grants for faculty attending conferences and workshops are provided.

5.Concession on Transport and Medical facilities for all the staff.

6.Medical facility with qualified Doctor and ambulance is available in the institution.

7.Sports, gym and yoga facilities are provided for staff and family.

8.Bank, ATM and post office facilities are available in the campus.

9.Mineral water is available in the campus for all.

10.Car facility with fuel is provided to the heads of the

departments.

11.Snacks are provided at subsidized price to faculty, non-teaching staff members and students.

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

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

139868

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

25

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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

153

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal audit: The internal audit is performed on a half-yearly basis. The auditors verify all accounting transactions with underlying documents to validate the existence, accuracy, occurrence, valuation, classification, and completeness of the transactions recorded in the accounting system. Ledger scrutiny is performed to check if there are any deviations from the generally accepted accounting principles or internal policies. Objections, if any, would be brought to the notice of the Trustee, Director-Finance, Accounts, and the Accounts Manager. **External audit:** External auditors are Chartered Accountants appointed yearly as per the regulatory requirements. The external auditors conduct the audit by the Standards of Auditing issued by ICAI. The external auditors confirm that the generally accepted accounting principles are followed and the financials are prepared within the applicable financial reporting framework and as per statutory requirements. **The mechanism for settling audit objections:** The Trustee, Director-Finance, Accounts, and the Accounts Manager carefully examine the results of the audit. All the objections would be resolved after mutual discussions with the auditors. Sufficient documents would be submitted to the auditors to clarify their queries within the specified timelines. The institution has not come across any major audit objection as of date.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://becbapatla.ac.in/audit-statements/

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

5.10

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The Institution has a transparent and well planned financial management system. The funds mobilization policy focuses on achieving the goals of the institution ensuring accountability and transparency. The Management co-ordinates and monitors the optimal utilization of the funds. The main source of income for the institute is the fees collected from the students. The fee is collected as per the guidelines of the State fee regulatory authority. Mobilization of funds is also done through sponsored projects from AICTE and UGC. Partial funding is also raised through the consultancy services offered to local builders and state government bodies like Roads & Buildings department, Irrigation and Panchayat Raj departments. The Institution is a non-profit organization with an elected executive body which ensures that the income generated is spent optimally for the development of the institute itself. A judicious balance is made between the revenue and capital expenditures and a reasonable surplus is earned which will improve the Corpus Fund in order to strengthen the financial stability of the institution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://becbapatla.ac.in/college-administrative-policies/

6.5 - Internal Quality Assurance System

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

initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) play a prominent role for the development of institution. IQAC's primary responsibility is to develop a strategy for the systematic, continuous, and catalytic enhancement of the organization's effectiveness. The IQAC's Convener keeps the IQAC running smoothly by communicating with its many stakeholders to implement its recommendations and providing periodic updates to the IQAC's Chairman on the committee's progress. Contributions made by IQAC: 1.Feedback Process: The feedback process was refined. IQAC has taken an initiative towards the preparation of templates and in analysis process. 2.Implementation of OBE system: IQAC instructed the departments to prepare COs, PO , PSOs and to do mappings by incorporating feedback from stakeholders. 3. Quality enhancement programs: IQAC of BEC will conduct various Quality enhancement programs for students as well as for teachers. 4.Academic Audits: Internal and External Academic audits were conducted after the completion of the academic year. 5.Participation in Accreditations and in Rankings: IQAC recommend the BEC to participate in NIRF, ARIIA, AISHE, ISO and various other quality audits recognized by the state, national and international agencies. 6.Teaching - Learning Process 7. Quality Enhancement Programs by IQAC

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/iqac-2/

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

IQAC mandates to monitor and improve all academic activities at periodical intervals. Every semester Lesson plan, Course Objectives and Intended Learning Outcomes are given to the students before the commencement of the semester class work. The course plan is peer reviewed by the subject expert under Teaching-learning Policy. IQAC obtains the review report from each department to ensure that the process is diligently carried out.

Delivery of the course as per course plan is monitored by the Class review committee every month and the Academic Monitoring committee twice in a semester. The minutes are recorded and sent to IQAC. It is mandatory as per the Teaching Learning Policy to peer review the Mid-term test papers and the Semester End

Examination question papers. The Semester End Examination question papers are also subjected to review confidentially in the presence of COE (Controller of Examinations) before the commencement of examination. The examiners must submit the scheme of evaluation along with the question paper.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://becbapatla.ac.in/

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://becbapatla.ac.in/iqac-2/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

Gender Equity : Women Empowerment Cell (WEC) has been constituted to empower and safeguard the rights of female members i.e. faculty staff and students of College. The WEC works to promote gender sensitivity in the college and conduct diverse programmes to educate, sensitize and produce harmonious atmosphere on the

campus. Women Empowerment Committee has organized a webinar on "Leading with Emotional Intelligence" for the girl students of first year on 10th Dec, 2021 to enlighten them in recognizing and consciously using Emotional Data to create and maintain productive workplace relationships and team environments.

Dr D. Saroja, Psychologist from Acharya Nagarjuna University has attended the session as the speaker. International Women's day was celebrated with great pomp at Bapatla Engineering College regularly every year on 8th March, 2022 to raise awareness about the status and dignity of women among the students. The program was conducted online this year. Mrs. Rama Raavi, a Life Coach who is very famous for her storytelling on YouTube was the chief guest of the day. She has emphasized the importance of identifying one's own strengths and putting all their efforts to reach the heights.

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	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 a maximum of 200 words)

Waste management involves the processes of waste collection, transportation, processing, as well as waste recycling or disposal. According to the character of waste, waste management methods are classified as follows.

1. Solid waste management 2. Liquid waste management 3. Biomedical waste management

4. E-waste management 5. Waste recycling system 6. Hazardous chemicals and radioactive waste management

Bapatla Engineering College has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation, cleaning, and keeping things which can be Recycled aside and handed over to appropriate agencies. The waste generated in the campus includes liquid waste and solid waste- both of biodegradable and non-biodegradable nature. Biomedical and hazardous wastes are not generated in the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make the campus clean, hygienic, and healthy. 'Use and throw' items like plastic cups, plates, etc. used in the college canteen are replaced by reusable items steel glasses and plates. Glass, paper, and metal waste are sold to recyclers.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
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 system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged 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

A. Any 4 or All of the above

greening the campus are as follows:

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

File Description	Documents
Geotagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

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

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

A. Any 4 or all of the above

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	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly

A. Any 4 or all of the above

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

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Efforts to handle Cultural diversity: Bapatla Engineering College accommodates culturally diversified students by encouraging the exchange of cross-cultural ideas and the celebration of the festivals of different cultures. All the students from different cultures are motivated to participate with us in our local festivals also.

Efforts to handle Regional diversity: Apart from various districts of Andhra Pradesh, the institute has got students from other states also. The students of all regions are provided with equal chances to participate in co-curricular activities and extra curricular activities like sports, cultural events, and yoga.

Efforts to handle Communal diversity: The students and the faculty of all communities and religions are part of this learning institute which shows that the institute strives to provide a conducive environment for all. **Efforts to handle socioeconomic diversity:** The students with rural backgrounds and from poor to rich family study in the institute. To overcome the socioeconomic

barriers, the institute has facilitated the students to receive various scholarships i.e. The central government scholarships for SC/ST students and state-funded government scholarships in the name of the JVD scheme in addition to the above the management, alumni, and private organizations provide scholarship to our meritorious and needy students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Bapatla Engineering College honors its noble role as an architect of India's generation next. The Institute is committed to the philosophy espoused by the Indian Constitution, in word and spirit. The institute organizes different programs to familiarize the students and staff with the constitutional obligations --- values, rights, duties, and responsibilities of citizens. During the pandemic, people became more aware of life importance. As a first step, social cause pamphlets were made and posted on social media. The information/ precautions about corona virus is circulated throughout the college and displayed at all major locations.

- Every year on campus, Constitution Day is celebrated with employees and students. It describe citizens' constitutional rights, duties, values, and obligations. Management representatives also address the crowd, urging everyone to remember the freedom struggle and respect the flag and anthem.
- The Indian Constitution outlines everyone's rights and responsibilities. Courses on Professional Ethics and Human Values, the Constitution of India, and Essence of Indian Traditional Knowledge (EITK) have been introduced at the UG level for all engineering disciplines to raise constitutional awareness.
- NSS/NCC units play vital role in organizing outreach activities where more Students actively involve to spread the information to the Public.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Bapatla Engineering College has been conducting birth and death anniversaries of various great Indian Personalities since its inception in 1981. As we are one of the oldest Engineering colleges in A.P, we stood as a torchbearer for various other Engineering colleges to celebrate Engineers' Day on 15th September to mark the birth anniversary of Sir Mokshagundam Viswesaraya. Various technical, literary activities are conducted for a period of fifteen days prior to the Engineers' Day and the prizes to the winners are given on the day. Endowment Prizes for the students excelled in various courses and the Best Teacher Award will also

be given away on the same day. Republic Day and Independence Day are organized in such a way that it instils National Pride among the students and staff. Apart from inspiring Speeches by the guests, CCA, the Cultural organization of the institute, conducts various cultural activities that incite patriotism among the youth. The International Women' Day is observed involving all the women staff and girl students in various competitions like Debate. Eminent Women activists/lawyers/senior Women Police Officers are invited to address the students.

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

7.2 - Best Practices

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

BEST PRACTICE-I

Distribution of Evaluated Semester End Examination scripts to students for browsing and verification.

The objective of this practice in Bapatla Engineering College is to ensure the students and parents that the evaluation system is objective and scrupulous. The Scheme of Evaluation is displayed in the web site and is notified to the students before the distribution of the scripts for scrutiny by the students. The Scheme of Evaluation facilitates uniformity in evaluation across multiple examiners. The students can verify whether the valuation is in accordance with the Scheme of Evaluation and seek clarifications from the teachers. Thus, the evaluation system becomes more transparent, sanctified and enhances the accountability of the examiners.

BEST PRACTICE-II

Holistic Academic Ecosystem

Objectives of the Practice

The objectives of the system are.

- i. Program review by stakeholders to align with Program Outcomes.
- ii. Dynamic curriculum to meet the industry needs.
- iii. Orientation programs to accommodate change.
- iv. Teaching-learning process according to the documented course plans.
- v. Periodic academic audits.
- vi. Correlation of assessment and examination with Learning Outcomes.
- vii. Mentoring and remedial measures for improvement of student performance.
- viii. Feedback systems to improve teaching methodologies
- ix. Practical training.

File Description	Documents
Best practices in the Institutional website	http://becbapatla.ac.in/best-practice/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The College has taken the most important and distinctive activity to build the Centers of Excellence (CoE) to fulfill the vision statement of the College "To build centers of excellence, impart high quality education and instill high standards of ethics and professionalism through strategic efforts of our dedicated staff, which allows the college to effectively adapt to the ever changing aspects of education" It has established a Research Park with three Research Centers:

1. Bosch Rexroth Center of Competence in Automation Technologies
2. Siemens Center of Excellence
3. Robotic Technology Centre
4. Collaborative Research with Industries
5. Robo Quality Inspections (RQI)
6. Robo Citizen Advisor (RCA)
7. Social Media Complaints Analyzer (SMCA)

File Description	Documents
Appropriate link in the institutional website	http://becbapatla.ac.in/highlights/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year I. Academic Excellence

1. To revise the curriculum to meet industry standards and NEP 2020
2. To introduce new courses
3. To enable ICT based Teaching - Learning process
4. To make the students industry ready

II. Innovation and Research

1. To encourage Innovation , Incubation and Entrepreneurship activities
2. To establish Research labs and Centers of Excellence

III. Inclusivity and Diversity

1. To expand scholarship and financial aid programs for under represented groups
2. To foster a campus culture that values diversity and multicultural perspectives
3. To utilize the experience of seniors with the help of young talents.

IV. Faculty Development

1. To encourage the faculty to participation in FDPs/ Seminars / Conferences etc.
2. To create a conducive work environment
3. To encourage for Higher Studies

V. Stakeholders Suggestions

1. To Increase Stake holders involvement

VI. Improve Institute's Recognition

1. To improve the Community Engagement activities
2. To improve NAAC score from B++ to A++
3. To get NBA Accreditation
4. To have NIRF Ranking under 200 band
5. To have NIRF Innovation Ranking
6. To apply for Autonomous Extension

VII. Eco friendly Initiatives/ Usage of Alternative energy resources

1. To Improve campus sustainability with eco-friendly initiatives