

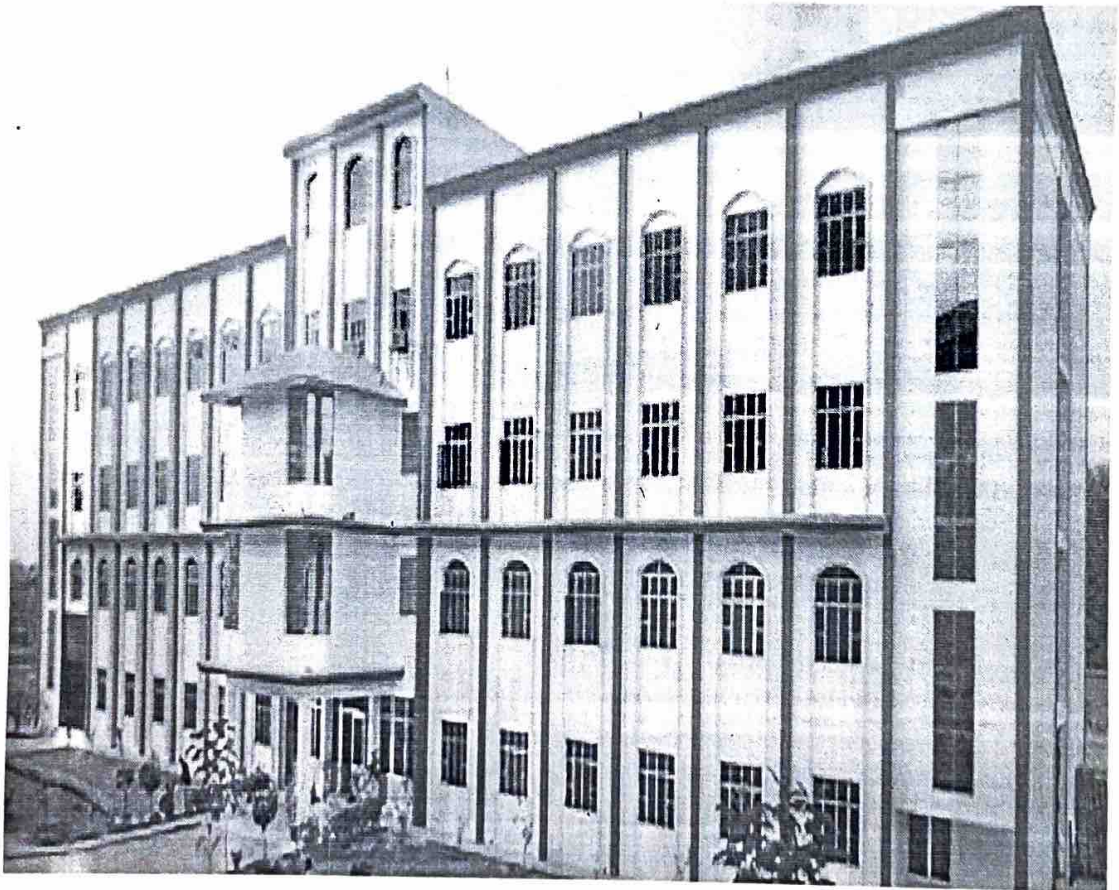


**BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY**

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## **Internal Quality Assurance Cell**

**Academic and Administrative Audit Report  
(Session 2019-20)**





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This report provides an overview of the academic and administrative performance of BFCET for the academic year 2019-20. The audit was conducted on dated 18<sup>th</sup> January to 19<sup>th</sup> January, 2021. It outlines key achievements, challenges, and future goals of the college in various areas, including academic programs, faculty development, student support services, infrastructure, and financial management. The report serves as a comprehensive assessment of the college's activities and aims to inform stakeholders about its progress and plans for the future.

### **The Audit Committee:**

1. Dr. Jaskaran Singh Bhullar, Professor, MIMIT, Malout (External Member)
2. Dr. Naveen Singla, Associate Professor, GZSCCET, Bathinda (External Member)
3. Dr. Ved Parkash Arora, Associate Professor, GZSCCET, Bathinda (External Member)

## **Findings**

### **Curricular Planning, Implementation and Enrichment**

- The college followed university curriculum. The curriculum is well-structured and aligns with the college's mission and goals.
- There is a need for regular updates to ensure relevance in a rapidly changing academic landscape.
- Faculty members found to employ diverse teaching methods, but there is room for improvement in incorporating modern pedagogical techniques.
- Student-teacher interactions were generally positive, but there is a need for more active learning opportunities.
- Assessment methods vary across departments, leading to inconsistencies.
- The feedback mechanism for students' assessment results and academic progress is not consistently implemented.
- Involvement of industry experts and alumni in curriculum development could be enhanced.
- Self-Learning of students is enhanced through the Certificate, Add on Courses and Value Added Courses.



## **BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY**

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- The specific SoPs are needed to be prepared for the planning and execution of Certificate course.
- Few students are found to be engaged in various live/ working projects. There is need of involvement of more students in various projects.
- Academic calendar and activity planner has been strictly followed by all the departments to perform various curricular and extra-curricular activities.

### **Teaching–Learning and Evaluation Process**

- A variety of teaching methods, including lectures, interactive sessions, workshops, and e-learning, are used to cater to diverse learning styles.
- There is need of student's engagement in various practical sessions and fieldwork.
- Innovative teaching methods, such as flipped classrooms and project-based learning, should be encouraged and utilized.
- The majority of the faculty members possess relevant qualifications and experience.
- A few faculty members have undertaken research projects and published research papers in reputed journals, showcasing research competence.
- More faculty development programs should be conducted periodically to enhance the teaching skills.
- Number of Ph.D faculty is not up to mark.
- The Co-Pos are well prepared in all the departments, but there should be proper SoPs for the mapping and attainment of Co-Pos.
- Internal Assessment is shown to the students after the semester.
- Students are insisted to join various peer to peer learning program, group activities, workshops/ conferences, MOOCS and PDPs for their participative

### **Research and Collaborations**

- The college's research infrastructure and facilities are well-maintained, supporting a conducive environment for research and innovation activities. However, numbers of research publications of faculty and students are very low.





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- The level of student involvement in research and innovation activities is below the desired level. It is recommended that the college implements programs to encourage more student participation.
- The college has initiated some goals to foster innovation and entrepreneurship among students. However, a more comprehensive approach and greater emphasis on entrepreneurship are recommended.
- The students are engaged in various problem-based projects and in outcome, some patents have been filed.
- Collaborations with CUP Bathinda and some other institutes are functional. However, the collaboration with external research institutions and industry partners is relatively limited, and there is room for improvement in this regard.
- Quite a good number of extension activities are undertaken by college. Sensitization programmes involving students in identified communities could be systematically organized.

### **ICT facility and library**

- The college has well-maintained computer labs with up-to-date hardware and software.
- Adequate Wi-Fi connectivity is available across the campus.
- Servers and data storage facilities are in good condition.
- ICT is effectively integrated into the teaching-learning process. However, Staff rooms/ work environment of certain departments needs to be augmented with ICT.
- Faculty members are provided with necessary training and support for using ICT tools.
- E-learning resources are available for students.
- The library is housed in a spacious and well-maintained building, which provides a conducive environment for studying and research.
- The library boasts an extensive collection of books, journals, periodicals, e-resources, and multimedia materials.
- Adequate reading spaces, including individual study carrels and group study rooms, are available to accommodate the needs of the users.
- The library is equipped with modern computer systems and high-speed internet, facilitating access to e-resources and online catalogs.