



Brindavan College of Engineering

Dwarakanagar, Bagalur Main Road, Yelahanka, Bengaluru – 560063

Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, India

Accredited 'A' level by NAAC

Best Practices 2021-22

Best Practice - 1

1. Title of the Practice: Integrated Teaching

2. Objectives of the Practice:

An integrated approach allows students to engage in purposeful and relevant learning. It encourages students to connect and interrelate between the curriculum areas and co-curriculum activities. Rather than focusing on learning in isolated curriculum areas, an integrated program is based on skill development around a particular theme that is relevant to the student in the class.

3. The Context

Integrated learning is an inquiry approach. Students are active learners in research to interpret, communicate, and process learning. Inquiry approaches allows students to construct meaning using their prior knowledge on a Subject and new knowledge gained during the learning process. Integrated learning incorporates multiple subjects, which are usually taught separately, in an Interdisciplinary method of teaching. This approach involves citizenship and community with student's interest. A teacher can encourage students to identify a problem in their community, such as an environmental issue or traffic problems that are important to the students. The goal is to help students remain engaged and draw from multiple sets of skills, experiences and sources to aid and accelerate the learning process.

4. The Practices

- Seminars
- Tutorials
- Add-on Courses
- Industrial Visit
- Project
- Conference

Innovative teaching facilities like LCD projectors, Seminar hall, Internet facility and Wi-Fi facilities enable the teachers to teach in a unique and innovative manner and make the students to inculcate in the proper learning process. Activities like quiz, group discussion,

projects, internships, industrial visits and applications of ICT resources enrich the teaching learning experience and engage students in higher order thinking and investigation.

5. Evidence of Success

Students stated that integrated teaching prepared them learning at ease and helped them to understand the subject in a improvised way. Moreover, the methodology helped them to establish relationship among the subjects they had learned

6. Problems Encountered and Resources Required

There were initial problems in creating integrating teaching process. One challenge was identifying faculty compatibility. Another major problem revolved around creating a system for sharing advanced teaching skills among other faculties in the department. There were also instances where departments faced problems like scheduling classes in the room when different modes of teaching were used. Resources required for teaching like teaching aids, software tools, audio, video systems were all incorporated.


Principal
Brindavan College of Engineering
Bangalore-560 063



Brindavan College of Engineering

Dwarakanagar, Bagalur Main Road, Yelahanka, Bengaluru – 560063

Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, India

Accredited 'A' level by NAAC

Best Practices 2021-22

Best Practice - 2

1. Title of the Best Practice **Curriculum Advancement**

2. The Context Students need to keep themselves up to date of the contemporary developments and changes of the industrial and the corporate world. Attempt is made to support the theoretical approaches with concrete and illustrative learning models from the world of finance and business. Designing a flexible, industry centric and curriculum that is deeply rooted in the contemporary developments of the world. For this, multiple stakeholders are brought in to deliberate and give appropriate curriculum. The process of curriculum development and improvement is a shared with multiple stakeholders.

3. Objectives of the Practice

- To design a flexible, industry centric and evolving curriculum that is deeply rooted in the contemporary developments of the world of finance and business.
- To Share curriculum development and improvement in the industrial and cooperate world with multiple stakeholders.

4. The Practice

- Deliberation of the changes in curriculum by the Board of Studies, comprising of subject teachers, academicians, student representatives and Industry representatives.
- Incorporation of changes in the curriculum
- Regular staff enrichment programmes and focusing on curriculum advancement.
- Promoting research in campus to facilitate the staff to map the latest advancements in their respective areas of specialization.
- Encouraging Faculty to attend seminars and workshops and to present research papers
- Mobilization of learning resources which are searchable, accessible and shareable for curriculum implementation.
- Academic diary and project diary were introduced to achieve the objectives
- E-paper and word of the day is circulated among all the stake holders

Enhanced scopes of interaction between the academia and the industrial experts specialised in the domain of finance and business. Increased need for research based teaching techniques.

7. Evidence of Success

- Increase in the number of new interdisciplinary courses
- Academic recognition of course in the latest technologies

8. Resources Required

- Staff with good experience and specialised knowledge are required
- Staff interested in taking up the research and development in their respective domains within the stipulated time period.



Principal
Brindavan College of Engineering
Bangalore-560 063