



# 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 PRACTICE NO.1:

**Title of the Practice:** Value Based Program

### Objective of the Practice:

- To bridge the knowledge gap between academia and industry and to strengthen the regular academic programmes.
- To make students familiar with updated concepts of the industry.
- To help the students develop ability to solve real-time problems in industry and society.
- To bridge the skill gaps and make students industry ready.
- To expose students to recent trends in the core field and enhance their employability skills.

### The Context:

The Institute supplements the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. The curricular gaps are identified. They are bridged by conducting various programmes like value added courses, seminars, conferences, workshops and guest lectures etc. The Value Added Programs cultivate an urge amongst the students and position them to turn into professionals

### The Practice:

The Institute takes steps to find out the current needs in the industry and teaches such Value Added Courses. The department prepares the course contents, course outcomes, time-table for the courses. The teachers handling these courses are well knowledgeable. After successful completion of the course, students are issued certificates. The necessary courses are taught to the students with the help of these value added courses.

### Evidence of Success:

Over 120 students have enrolled and successfully completed various Value Added Courses relevant to their field of study. This has helped a considerable number of students to get placed. For the purpose of evidence, Advanced Design of Steel structure, Cloud Computing, Embedded System Design, Fundamentals of Machine Learning, Cyber Security, Microsoft Excel from various departments has been conducted. These courses helped many students to get placed.



**Problems Encountered and Resources Required:**

Value Added Programs are offered to students in addition to the regular curriculum prescribed in the syllabus. Since most of our programmes are unique, finding subject experts is challenging. This also causes logistical problems such as balancing regular academics, conducting internals.





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## BEST PRACTICE NO.2:

**Title of the Practice:** Enrichment Activities

**Objective of the Practice:**

- Promotes critical thinking and problem solving skills,
- Boost self-confidence
- Inbuilt a sense of belongingness
- social skills Improvement
- Higher self-esteem & Teamwork
- Exploring new hobbies & interests

**The Context:**

The Institute supplements the extra curriculum to make students to boost their self-confidence, promotes critical thinking as well as develop their own interests and innovative. Conducts conducting competitions like Coding, Debugging, Collage etc.

**The Practice:**

The Institute takes steps to organize events like COLOSSUS, ELCOTSAV to build the skill outside the classroom. These activities are great for developing general academic and soft skills. This also improves high self-esteem. These events witnessed the success.

**Evidence of Success:**

Over 300 students had participated in Colossus and Elcotsav. Many events like Debugging, Coding, Treasure Hunt, Project presentation, Technical paper presentation were conducted. These activities Improves the confidence and esteem of the students

**Problems Encountered and Resources Required:**

The problems faced were financial assistance, balancing work, Time management and commitments

