7.2 Best Practices

The two institutional best practices are:

 Best Practice 1:

1. **Title of the Practice**: "**Outcome Based Education (OBE)"**

2. **Goals:**
    To assess students learning and effectiveness of all educational and operational activities

3. **Context**
    In the OBE model, outcome assessment plan is prepared and informed to all stakeholders. It has defined standards of performance and academic expectations from students in the form of learning outcomes at course level and programme level.

4. **The Practice**
    A set of graduate attributes are defined and aligned at all levels. The statements of learning outcomes are articulated from the graduate attributes. The learning outcomes are defined for all programmes and courses using measurable action verbs (blooms' taxonomy) to assess students learning at the end of the programme and course respectively.

    These outcomes are assessed by using at least one direct and one indirect assessment tool. Attainment of outcome indicates that the corresponding PEO is achieved. As these objectives flow from university level to domain, institution and programme level, and achievement of PEO indicates the corresponding objective at all levels is met. Some of the assessment tools are developed online and the results are reported in the standardized format domain-wise.   Based on the results of implementation of outcome assessment, gaps are identified.   The whole process is taken care by the outcome assessment committees constituted for the purpose. To enhance the knowledge on outcome based education the Department of Mechanical Engineering conducted VTU TEQIP sponsored 5 days Faculty Development Programme from January 6th to January 10th 2020 for internal and external faculty members across the state.

5. **Evidence of Success**
    - It helped in identifying the areas of improvement
    - Institutions had proposed action plan in their implementation report for improvements in teaching pedagogy, infrastructure, learning resources, facilities and support system etc which also served as an input during the programme review and strategic planning of the university.

6.   **Problems encountered and resources required**
    - Training of faculty
    - To develop framework for alignment of PEOs with university objective and mission

Best Practice - 2

1. Title of the Practice: "**Alumni Association**"

2. Goals:

- To provide alumni with the opportunity for social and professional networking and career development.
- To promote a spirit of volunteering and co-operation amongst ACSCE alumni in supporting the institutional development objectives.
- To provide support in training the students.
- Acting as ambassadors for the ACSCE in promoting learning and helping with student for recruitment

3. The Context

The Alumni Association cell is in coordination with Training and Placement cell organizes alumni meet every year to review the activities of the current year and plan the activities for the forthcoming year.

ACSCE face book page, departments WhatsApp group, Google-groups account, group email ID etc are available to connect with the Alumni and conduct the face to face Alumni interaction.

4. The Practice

- ACS Alumni Association creates and maintains a life-long connection between the Institute and its alumni.
- ACS College of Engineering conducted Alumni meets every year in the month of August.

5. Evidence of success:

- During the Alumni meeting, Alumni's and respective HOD's are interact with each other and give them information regarding currents industrial market and practices trends in which they work. Thus suitable improvements with respect to the infrastructure facilities and academic can be made in the institute.
- Senior Alumni's also interacted with the final year students and guiding them in preparing group discussion (GD) and interviews in core and multinational companies.
- Alumni are also guiding to the final year students regarding their projects.
- Alumni also help the students/department to identify the industries for in plant training.
- Alumni take part into arrange the industrial visit to the students where they are worked.