6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities.

The periodic review of teaching, learning, and operational methodologies is an important part of quality assurance. This involves examining the curriculum, teaching methods, assessment strategies, and other aspects of the learning process to identify areas for improvement.

By recording incremental improvements in various activities, the institution can track its progress over time and ensure that it is continuously improving the quality of education that it provides. This can help to enhance the learning outcomes for students and ensure that they are well-prepared for their future careers.

Overall, a well-functioning IQAC can play a crucial role in ensuring that an institution maintains high standards of education and delivers value to its students.

1. Implementation of Pedagogical Initiatives and Various Instructional Methods.

Implementation of pedagogical initiatives and various instructional methods is a crucial aspect of improving the quality of education in an institution. Pedagogy refers to the study of teaching and learning processes and the methods used to facilitate effective learning.

Effective pedagogy involves using a variety of instructional methods and approaches to engage students and promote deep learning. Some common pedagogical initiatives include:

1. Active learning: This involves creating opportunities for students to engage with the material actively, such as through group work, discussions, or hands-on activities.

2. Blended learning: This combines face-to-face instruction with online learning activities to create a more flexible and personalized learning experience.

3. Flipped classroom: This involves reversing the traditional classroom model, where students watch lectures or complete readings outside of class and use class time for active learning activities.

4. Problem-based learning: This approach involves presenting students with real-world problems to solve, encouraging them to think critically and develop problem-solving skills.

5. Collaborative learning: This involves promoting teamwork and collaboration among students, encouraging them to learn from each other and share their knowledge and skills.

By implementing these and other pedagogical initiatives, our institution can create a more dynamic and engaging learning environment that supports student success and achievement.

2. Execution of mini projects, videos, online certification and encouraging bright/ weak students.

Execution of mini projects, videos, online certification, and encouraging both bright and weak students are some effective strategies for improving the quality of education in an institution.

1. Mini projects: Mini projects provide students with the opportunity to work on a project independently or in small groups, encouraging them to develop critical thinking, problem-solving, and teamwork skills. Mini-projects can be used across various subjects and disciplines, helping students to apply the concepts they have learned in the classroom to real-world problems.

2. Videos: Videos can be an effective tool for engaging students and enhancing their learning experience. Videos can be used to introduce new concepts or reinforce existing knowledge, and they can also be used to provide examples or demonstrations.

3. Online certification: Encouraging students to earn online certifications can provide them with an opportunity to develop new skills and knowledge outside of the classroom. Online certifications can also enhance their resumes and make them more competitive in the job market.

4. Encouraging bright students: Providing challenging tasks, additional reading materials, and mentorship opportunities to bright students can help them reach their full potential and excel in their academic and professional careers.

5. Supporting weak students: Providing additional support to weaker students can help them catch up with their peers and succeed academically. This can involve offering extra tutoring, providing additional resources or accommodations, and working with students to identify and address any underlying challenges or obstacles.

By implementing these strategies, our institution can create a more supportive and engaging learning environment that promotes student success and achievement, regardless of their background or skill level.

IQAC has contributed significantly in the following areas

1. Quality assurance: IQAC can develop and implement quality assurance processes to ensure that the institution maintains high standards of education. This can involve monitoring and evaluating the performance of various departments and programs, identifying areas for improvement, and implementing strategies to enhance the quality of education.

2. Curriculum development: IQAC can work with faculty and other stakeholders to develop and update the curriculum, ensuring that it is up-to-date, relevant, and aligned with industry standards and best practices.

3. Faculty development: IQAC can develop and implement programs to support faculty development, providing training, mentorship, and other resources to help faculty improve their teaching skills and stay up-to-date with the latest pedagogical techniques.

4. Student support: IQAC can develop and implement programs to support student success, such as tutoring, mentoring, career development, and other resources that can help students succeed academically and professionally.

5. Accreditation and ranking: IQAC can work towards achieving accreditation and high rankings for the institution, which can help attract high-quality faculty and students and enhance the institution's reputation.

By contributing to these and other areas, IQAC can help ensure that institution provides high-quality education that prepares students for success in their chosen fields.

Incremental improvements made for the preceding five years:

1. Adoption of new technology: our Institution adopted new technologies to enhance the teaching-learning process, such as learning management systems, virtual classrooms, or video conferencing tools.

2. Tracing of projects and research carried out. The sponsored research and the research projects with publications in the research field is tracked properly and ensure that funds flow for sponsored research projects are monitored. The IQAC has played a major role in bringing out three Ph.D. graduates over these years and around 32 research scholars are encouraged to pursue their doctoral program.

3. Infrastructure facilities. The growth in the field of infrastructure facilities has been upward for expanding the research requirements.

4. Funded projects. IQAC has contributed in motivating students and faculties to get funded projects from DST, AICTE.

5. Organization and participation of Hackathon. Students are encouraged to participate in Hackathon conducted by MHRD and the institute has organized Hackathon

6. Analysis of faculty feedback Proper feedback formats has been maintained and the analysis is done by IQAC to evaluate the teaching learning process.

7.Pedagogy: S V Colleges implemented new teaching methods or pedagogical approaches to enhance the quality of education provided to students.

8. Conduction of sponsored conferences, workshops, seminar and faculty development programme. S V C E gives more attention in organizing sponsored and funded events from various other organizations.

9. Student support: S V C E expanded their student support services, such as tutoring, career counseling, or mental health services Mentor books for students counseling. Each student has a mentor and they will be monitored regularly.

10. Canteen. An excellent canteen facility is provided with many choices in food.

11. Alumni collaboration. Every year alumni interaction is carried out and frequently alumni used to visit the campus and discuss with the students and faculties.

12. NSS activities. S V C E takes special interest in conduction of social events every year such as blood donation and so on.

13.Curriculum development: Our Institution updated their curricula to reflect changing industry standards or emerging trends in their respective fields.

14 Skill Development and Certification courses. S V C E has an excellent structure in the skill development and motivates students to take up online courses and other certification program.

15.Industrial Visit. The IQAC motivates all the students to interact with the industry and update their knowledge as per the industrial standards.

16.MoU. The IQAC has helped in establishing Incubation Centre and building up the relationship with various industries and academic organization by signing MOU for better research activities.

17.Accreditation and ranking: Institutions may have made efforts to achieve accreditation and improve their rankings in national or international rankings, which can help attract high-quality faculty and students and enhance the institution's reputation.

18.Internship activities. The initiatives taken by IQAC motivated many students to take up their Internship at various esteemed universities in which students gained global exposure The IQAC identifies the best practice and implements the same,

year after year at various levels of management and makes sure that the system is well placed to have a better progress in the future

By continuously making incremental improvements in these and other areas, our institution can enhance the quality of education, ensure that students are well-prepared for their future careers, and maintain their competitiveness in an increasingly competitive higher education landscape.