**6.5.1 Internal Quality Assurance System**

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

After the 3$^{rd}$ cycle of NAAC Accreditation IQAC committee reformed according to NAAC Guidelines. It consists management members, principal, Co-Ordinator, Senior teachers non-teaching staff, Students, Alumni, Industry representatives and stakeholders. The Internal Quality Assurance Cell (IQAC) of the institutions contributes significantly for institutionalizing the quality assurance by preparing the Perspective/Strategic plans. The aim of IQAC is Quality initiate, Quality sustenance and Quality improvement. IQAC holds meeting yearly and monitor the regular and other activities in future. In the meeting it gives permission to submit the AQAR reports to NAAC. In the last five years for planning and implementation of various activities to be conducted during each academic year. It efficiently coordinates and monitors teaching, learning and evaluation process.

The IQAC was established in 15$^{th}$ June 2010 to enhance & sustain the quality of higher education. IQAC monitors implementation of vision and mission of college. It prepares perspective plan of Development and executes it in strategic way. It has been trying to institutionalize a number of quality assurance strategies such as:

**Strategies for students**

- **Introduction of Courses**: The college has introduced 82 Career oriented courses short term courses, it includes 19 skill-based courses, 32 soft skill,12 ICT and 19  language communication courses.
- **Induction Programme:** IQAC conducts Induction Programme for first year students. Principal, Vice-Principal, IQAC Coordinator and Heads  of the various committees introduce the various activities run by the college.
- **Promotion of Research and Development:** Poster Competitions, Avishkar Research Poster and Model Presentation, Publication of 'Student Research Journal
- **Organization of workshops, webinars, seminars, guest lectures**
- **Competitive Examination Guidance Centre**

**Strategies for Teachers**

Organization of

1. Faculty Development Programme in covid pandemic period
2. Teachers Training Programme (GCG-IAPT Anveshika center-Training given to teachers of physics)
3. Conferences/Seminars/Webinars/Workshops

**Promotion of Research and Development:**

1. Research sensitization scheme and motivate students to participate in Avishkar research competitions.
2. Remote access of N-List to e-journals, e-book and e-library facility to remote access of various e-resources etc.

**Review of learning process**

- Enhance the quality of the teaching- learning process and suggest quality improvement measures to be adopted
- Develop and implement innovative teaching methods using ICT enabled tools Strengthen the library resources of the college
-  Learner centric environment conducive for quality education
- The teaching-learning process is facilitated through qualified, trained and experienced faculty with ICT enabled tools and techniques.

**Review of structures & methodologies**

- Tools such as Google classroom, blogs, YouTube, Google meet and other online resources are prepared.
- Guest Lectures are also arranged for providing exposure to students. Feedback is taken to evaluate the performance of staff and students and it has been an effective means to make plans for further improvement and enhance quality education

**Review of learning outcomes**

- Leaning outcomes are ensured through analysis of academic activities like students' projects, seminars, field trips, and laboratory work, online quiz through Google classroom and poster competition, university results, home assignment, group discussion, elocution competition. Performance of students is communicated to them so that they can make improvements in teaching-learning process.

IQAC plays important role in following way,

1. IQAC prepared Strategic plan

1. IQAC prepares Academic Calendar each year.
2. As per requirements received from the students in last five years 9 courses and programmes initiated by IQAC.
3. It plans for yearly plan of action and collects the information at the end of year.
4.  IQAC also plans yearly required future plans of the institute.
5. IQAC monitors yearly submission of AQAR reports to NAAC in time.

6. IQAC prepares code of conduct for teachers, Principal, students, parents and all.

7. IQAC encourage the teachers to apply modern teaching aids in teaching.

8. IQAC in the year 2020-21 developed PO, CO and PSO attainments mechanism.

9. IQAC always encourage to each Departments to start new add on, Certificate and value-based courses.

10. IQAC always ask to various departments and research committee to organize National, State level workshop, seminars etc. for students as well as teachers.

11. IQAC closely monitors the future requirements of infrastructure and plans accordingly.

12. IQAC plans to make Green, Gender, Environmental and Energy Audits for Quality culture.

13. IQAC also always motivates the staff to make MoUs, Collaborations, and linkages with various organizations, Industries, and educational institute for students and staff exchange.

14. To increase the teaching methods more attractive IQAC plans to buy two interactive boards to make classes smart classroom.

15. It always asks to staff to do orientation, refresher and other FDP programmes to increase the knowledge.

16. To monitor the teaching of teachers, Teachers Diary initiated and all teachers are asked to fill Self Appraisal forms at the end of the year.

17. All the Science Departments are provided with some research facilities and teachers are encouraged to do Ph.D. and other research work.

18. IQAC monitors all development through feedback which always gives suggestions for more improvement.

19. IQAC implements e-governances in Administration, Finance and Accounts, Student Admission and Support, and Examination.

    For Quality improvement IQAC asks to participate in NIRF, AISHE, ISO- 9001-2015 certifications etc.