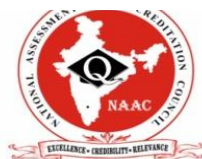S.P.B. PATEL
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CYCLE 1
NAAC Accreditation 2023

IQAC
INITIATIVES

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

IQAC INITIATIVES

(A) Academic Planning / Monitoring

To strengthen teaching-learning processes/practices.

Academic Planning / Monitoring –

Team -

1. To plan a detailed academic calendar with pre-decided dates for internal exams, college functions, industrial visits and training, expert lectures, parent visits, etc.

2. Subject allocation to teachers well in advance to enable them to prepare subject notes, video lectures, presentations, etc.

3. Regular feedback from students for the quality of teaching-learning (including practicals), course completion, difficulties solving, etc of each subject.

4. To gather requisite information / provide feedback proactively to concerned faculty as and when the need arises based on point 3 above.

5. Regular feedback from faculty regarding course completion, attendance, etc of each subject.

6. Surprise visit to the classroom, faculty notes review (needs to be done respectfully and maturely).

7. To study the results of internal exams and take necessary corrective action.

8. To ensure no student is targeted in internal exams/viva. To ensure that students are properly defended during external viva.

9. Campus visits by teams during college time.

10. To note precise time devoted to practicals.

11. Regular attendance filling in ERP system.

12. To monitor and take corrective action for unplanned absenteeism of faculty members.

13. Planning of extra lectures for course completion/weak students.

14. To plan faculty development programs/activities.

15. Annual appraisal concerning the attitude and aptitude of each faculty member. In case of need, give relevant tips to concerned faculty members for improvement/career advancement.

16. To plan participation in regional/national competitions.

17. To allocate faculty members for the same.

18. To ensure optimal utilization of corporate/expert faculty.

Counseling –Team

1. To track ERP systems on a real-time basis to ensure that the same is filled regularly / correctly.

1. To monitor absenteeism proactively and communicate with counsellors on their status/feedback.

2. To meet students /parents to understand their views/difficulties and try to resolve them. To communicate the importance of attending college in a positive and caring way.

3. To create a positive ecosystem with students and parents.

4. To be in touch with parents with updates till logical resolution of the matter, if needed.

5. To review the Detained students list each semester, invite them to college, and assist them in returning to regular classes by attending extra lectures, etc in requisite subjects.

6. To work in close coordination with the Academic Planning / Monitoring Team, providing them with students'/parents' feedback to take necessary satisfactory action.

7. To provide non-academic students/parents feedback for requisite action.

Desired outcomes –

1. Improved student-parent satisfaction.

2. Improved results.

3. Improved placements.

(B) ACADEMIC AUDIT:

INTERNAL AUDIT

The college takes academic audits of each department and various committees every year through IQAC to increase and maintain the quality of education. Academic Audit Committee is set up for this purpose. At the beginning of the academic session, the committee collects the academic plan including publication, extension activity, collaboration, innovative and best practices, assignment, ICT-based activity, student competition, seminar, and workshop supposed to be organized for better performance. The Committee evaluated the plan submitted by the departments and committees, twice in an academic session as per the academic plan and reviewed their academic progress. The report of the committee was submitted to the IQAC and the same is put in the College Development Committee for discussion, suggestion, and approval. Due to the implementation of such an academic audit, it was found that all departments and committees have been constantly improving their curricular, co-curricular, and extra-curricular performances.

(C) IMPLEMENTATION OF GREEN PRACTICES IN THE CAMPUS:

The IQAC proposed to initiate a comprehensive plan to foster an environmentally conscious college campus by introducing various green initiatives. These initiatives encompass a range of activities including tree planting, transitioning to paperless workflows, eliminating plastic usage, maintaining a clean and aesthetically pleasing campus, promoting vehicle-free days, conserving energy, conducting workshops on paper bag crafting, raising awareness about renewable energy, and educating about e-waste management. To ensure the effective execution of these initiatives, the IQAC has allocated responsibilities to different departments within the college. Regular feedback mechanisms, such as academic audits conducted annually, are in place to monitor progress and ensure that the initiatives yield tangible results. As a result of these concerted efforts, the college has transformed into an eco-friendly and pollution-free environment. Additionally, there has been a notable increase in community awareness regarding renewable energy and proper e-waste disposal practices, contributing to a broader social impact beyond the campus boundaries.

(D) UTILIZATION AND ENHANCEMENT OF ICT INFRASTRUCTURE

The integration of ICT tools has become indispensable in the teaching-learning process. The IQAC consistently promotes the utilization of these tools by encouraging teachers to incorporate them into classroom instruction and laboratory activities. To ensure effective implementation, the IQAC develops plans to incorporate the use and enhancement of ICT infrastructure across all departments.

The IQAC advises the administration to bolster the ICT infrastructure by procuring advanced tools and providing broadband internet with Wi-Fi accessibility. Additionally, periodic training sessions are organized by the IQAC to familiarize both teaching and non-teaching staff with various ICT applications, including Google Apps, video conferencing, email usage, and handling ICT equipment.

Educational utilization of social media platforms has also been leveraged to facilitate communication between students and peers. Moreover, feedback mechanisms are established to evaluate the reliability and effectiveness of ICT facilities in teaching and learning environments. Both students and faculty members are encouraged to participate in Massive Open Online Courses (MOOCs) such as NPTEL to further enhance their ICT proficiency and knowledge base.

(E) STUDENT CENTRIC METHODS

The Institute has elevated student-centric learning to transformational levels, focusing on real-world projects, and prototypes. With industry-experienced professors, it fosters experiential learning. Industrial domains are integrated into the curriculum, supplemented by in-house internships. Multidisciplinary techniques equip students with analytical, and problem-solving skills, fostering holistic development. The Institute empowers students to lead their learning journey, aligning with NEP-2020 to cultivate entrepreneurial readiness.

STUDENT-CENTRIC METHODS

Transformational Student-Centric Methods Adopted	Student Learning Experience Through		
	Experiential Learning	Participative Learning	Problem-Solving
1. PROGRESSIVE EDUCATIONAL LANDSCAPE			
A. Use of technology tools and resources	√		√
B. Collaborative learning activities		√	√
C. Peer-to-peer learning		√	√
D. Student-led discussions and presentations	√	√	
E. Book reviews	√		
2. SKILL COURSES			
- Professional Life Skill Development Programme (PLSD) - NPTEL courses			

Transformational Student-Centric Methods Adopted	Student Learning Experience Through		
	Experiential Learning	Participative Learning	Problem-Solving
- SWAYAM - MOOC Courses - Sharpen Your Skills - Find Leader in You (FLY) - Magic in Classroom (FDP) - Certificate Courses - Review Paper activity - Life learning seminars and webinars			
3. PROJECT AND FIELD-BASED PARTICIPATION			
A. Projects		√	
B. Design Engineering	√		√
C. live projects		√	
4. INDUSTRY-ACADEMIA PARTNERSHIP			
A. Industry responsive program	√		
B. Internships	√	√	
C. Industry visits	√	√	
5. EVENTS			
A. Guest lectures, seminars, workshops	√	√	

Transformational Student-Centric Methods Adopted	Student Learning Experience Through		
	Experiential Learning	Participative Learning	Problem-Solving
B. Exhibitions, Hackathons, e-cell activities	√	√	√
C. Focus on value-based education	√	√	
D. Presentations, Newsletter	√	√	