



**D Y PATIL**  
DEEMED TO BE  
**UNIVERSITY**

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NAVI MUMBAI

**STUCTURAL MECHANISM FOR INTERNAL**  
**QUALITY ASSURANCE**



### **Vision:**

To develop quality systems with conscious, reliable and transparent act for attaining best results for the academic and administrative performance of DY Patil University and to build and ensure a quality culture aimed at all round excellence through institutionalizing and internalizing all the initiatives taken with internal and external support.

### **Mission:**

- To work towards realization of the goals of quality enhancement and sustenance by developing a system for conscious, consistent and catalytic improvement in the overall performance of DY Patil University.
- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- To provide student centric learning environment and to establish platform for inclusive research leading to the development of creative thought process amongst research scholars keeping in mind societal needs.
- Nurturing innovative ideas shaping into products facilitating the spinoff and creating awareness to protect academic integrity.
- To adopt a perennial process for bringing in excellence in teaching pedagogy by providing ICT based state-of-the-art infrastructural facilitation.

### **Functions:**

- Facilitating the creation of a learner – centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.
- Development and maintenance of institutional database through MIS for the purpose of maintaining/enhancing the institutional quality.
- Periodical conduct of Academic and Administrative Audit and its follow-up.



- Regular conduction of gender, energy and green audits.
- Activities are planned and directed properly to achieve the goals set for accreditation and ranking of the university in the National Institutional Ranking Framework (NIRF).
- Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.
- Dissemination of information on various quality parameters to all stakeholders.
- Collection and analysis of feedback from all stakeholders on quality – related institutional processes.
- Documentation of the various programmers/ activities leading to quality improvement.


**Mechanism of functioning:**

- University Criteria Conveners, co-conveners have been appointed by the IQAC for the seven NAAC criteria.
  - Conveners and co conveners are assisted by college conveners from each constituent faculty of DY Patil University.
  - Inputs from conveners and members of seven autonomous cells helps in enriching the data collected by IQAC.
  - Dean Academics have been entrusted with the task of assisting and monitoring data collection and record maintenance of the concern faculty. They scrutinize all the documents before submitting it to Director IQAC.
  - The IQAC Director will be the custodian of all documents and records.
1. DY Patil University IQAC meeting will be held at least once in every quarter of the academic year. The quorum for the meeting shall be two-third of the total number of members. The agenda, minutes and action taken reports are documented with official signatures and maintained electronically in a retrievable format. The head of the institution may call for an urgent meeting whenever necessary
  2. The IQAC will prepare an annual calendar of events and implement the same after the approval of the Board of Management .All members actively participate in the events organized by IQAC.



3. IQAC prepared Annual Quality Assurance Report (AQAR) every year and submit the same to NAAC after approval of the Board of Management.
4. In view of preparation for second cycle of accreditation by NAAC IQAC has established steering committee for the preparation of SSR and developed tools to assess and monitor the progress of work for self-study report and these **tools are copyrighted.**



  
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## **PROCESS & RESULTS OF IMPACT ANALYSIS OF VARIOUS INITIATIVES CARRIED OUT FOR QUALITY IMPROVEMENT**

### **Introduction**

The Internal Quality Assurance Cell (IQAC) of D. Y. Patil Deemed to be University is formulated for monitoring the quality parameters. The Composition of IQAC members as per the recommendations given by National Assessment Accreditation Committee.

### **Vision**

To ensure quality culture as practice at D. Y. Patil Deemed to be University, through institutionalizing and internalizing all the initiatives taken with internal and external support.

### **Major quality initiatives of the IQAC are listed below**

- **Quality initiatives in curriculum development**
  - i. Curriculum design and development over and above norms of Regulatory bodies
  - ii. Revision of curriculum and commencement of programme outcomes, course outcomes and specific learning outcomes
  - iii. Implementations of new programmes, value added courses in respective disciplines
  - iv. Integration of cross-cutting issues and professional ethics in curricula
  - v. Feedback collected from students, alumni, parents and faculty in curriculum development. Feedback is analyzed and action taken report on feedback and related documents are made available on institutional website
  
- **Quality monitoring of Teaching -learning process**
  - i. Interaction with faculty for improvement.
  - ii. Arranging workshops, seminars on faculty development through University Centre for Professional Education and Faculty Development
  - iii. Monitoring mentorship scheme, conducting doubt clearing sessions.
  - iv. Reviewing examination results and suggesting innovative methods of assessment
  - v. Feedback collection on teachers from students
  
- **Initiative of IQAC in student support activities**
  - i. Suggestion for instituting DY Patil University Merit – Scholarship scheme and PhD and Post-Doctoral Fellowships.
  - ii. Inputs for establishing NSS units at constituent unit level to organize various extensions and outreach activities, including, Swachh Bharat Abhiyan, Health Awareness Camps etc.

- iii. Involvement in organization of cultural and Sports events
  - iv. Involvement in mentorship activity and organizing classes for local language as well as cultural and sports activities
  - v. Suggestion for instituting Gold Medal /Prizes for top ranking students.
  - vi. Awareness programs for gender sensitization, zero tolerance for ragging, human values as well as conduct and discipline.
- **Green campus initiatives**
    - i. Initiation of Environmental, Green and Energy audit
    - ii. Expansion for alternate sources of energy and energy conservation measures by executing biogas plant and solar energy
    - iii. Supervision of the degradable and non-degradable waste complying with guidelines of Maharashtra Pollution Control Board
    - iv. Initiated restricted entry of automobiles, Battery-powered vehicles, Pedestrian-friendly pathways, Ban on the use of Plastics, Landscaping with trees and plants in DY Patil University campus.
    - v. Water is precious natural resource hence essential that any environmentally responsible institution should examine its water use practices. This indicator addresses water resources, consumption, reuse, water harvesting and treatment.
    - vi. This indicator addresses energy consumption, energy sources, energy monitoring, lighting, appliances, and vehicles. Energy use is an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment.
    - vii. This indicator addresses waste generation, intermediary storage and its disposal. Waste such as Bio-medical waste, hazardous waste, plastic waste, solid waste etc. has number of environmental impacts, most of which are well known and not in need of elaboration. Unscientific disposal is main reason for ground water contamination, air pollution, spread of epidemics, bad aesthetics etc.



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### **The impact of above initiatives:**

A clear vision and mission with a focus on quality by a proactive leadership had enabled DYPatil University to earn a place amongst the top-ranked Universities of the country. The IQAC monitors performance of constituent units by involving constituent unit based Sub- committees which conduct awareness and sensitization activities that are documented and reported to IQAC. These Sub-Committees also help IQAC to conduct impact analysis for which both qualitative and quantitative data are used. Feedback taken from students, teachers, institutional heads, parents and alumni is used for impact analysis and for implementing quality enhancement initiatives.

The improvement in the performance and some quality audits conducted as well as the achievements are as follows:

### **Improvement in the performance:**

1. The University is approved by the University Grants Commission (UGC).
2. DY Patil University, Navi Mumbai has been ranked 72nd in the universitycategory, in NIRF 2021 Ranking.
3. The institute has secured 41st rank in the Medical category in NIRF 2021 Ranking.
4. Dr. DY Patil University, Navi Mumbai is accredited by the National Assessmentand Accreditation Council (NAAC).
5. Approved by AICTE All India Council for Technical Education.
6. There is increase in academic departments
7. New programs have been increased
8. New courses have increased and New value added courses are started
9. About 81% curricula were revised.
10. The student strength has increased to 8193
11. Total teaching staff increased to 955
12. The infrastructure was expanded and new wing for medical hospital started.
13. Internet Band width is increased to more than 1000 Mbps.
14. Number of smart boards increased
15. Number of CCTV increased
16. Number of PCs increased
17. Central Library is upgraded with state of the art facilities.



18. Teaching-learning infrastructure was augmented with ICT to develop smart classrooms for interactivity. Expected Learning outcomes are available to students through the DY Patil University as also e-lectures and videos, developed by faculty. These enhancements are supported by continuous assessment, online self-assessment and examinations.
19. For e-content development facilities like Media Centre and Lecture recording are created. In order to include e-content in learning DY Patil University has developed AV studio that is used for learning innovations.
20. These initiatives have shown enhancement in student performance as reflected in curriculum outcome analysis by the examination scores and pass percentage, which has shown an upward trend in the last five years.
21. DY Patil University provides online administrative support and has structured feedback mechanisms to collect and analyze data. Students assess curricular aspects, quality of teaching-learning process, mentoring support and utilization of upgraded facilities. Faculty feedback is solicited on work satisfaction, teaching-learning process, student progress and research. Feedback is used to make necessary improvements.
22. Administrative and financial management of DY Patil University follows a continuous quality improvement policy with maximum transparency and meticulous documentation. Significant progress has been made towards achieving paperless administration. In-house DY Patil University has made services efficient for patients, students, faculty and staff.



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