



Certificate of Registration

This is to certify that

CATALYST COLLEGE

CIMAGE TOWER, PATLIPUTRA INDUSTRIAL AREA, PRABHAT KHABAR ROAD,
OFF ATAL PATH, PATNA - 800013, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

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Quality Management System

For the following scope of activities:

**OFFER HIGHER & TECHNICAL EDUCATIONAL COURSES, RESEARCH, CONSULTANCY,
VOCATIONAL TRAINING, IT & DIGITAL LAB SERVICES AND ALLIED SERVICES**

Date of Certification: 29th November 2024

2nd Surveillance Audit Due: 28th November 2026

1st Surveillance Audit Due: 28th November 2025

Certificate Expiry: 28th November 2027

Certificate Number: 305024112939Q



Head of Certification

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Principal
CATALYST COLLEGE

Dated: 12th January, 2024

Academic and Administrative Audit Report

For the Academic Year 2022-23

This report summarizes the findings from the **Academic and Administrative Audit (AAA)** of Catalyst College, Patna, conducted on **10th January 2024** for the academic year **2022-23**. Following the guidelines of the National Assessment and Accreditation Council (NAAC), this audit evaluates the institution's strengths, areas of concern, and alignment with the NAAC's seven criteria.

Institution: Catalyst College, Patna

Affiliation: Patliputra University, Patna

Undergraduate Programs: Bachelor of Business Administration (BBM), Bachelor of Science in Information Technology (B.Sc. IT), Bachelor of Computer Applications (BCA)

1. Curricular Aspects

Strengths:

Curriculum Design and Development: The College follows a curriculum developed by Patliputra University, incorporating foundational and technical skills relevant to BBM, B.Sc. IT, and BCA. The college has added interdisciplinary components, aligning with the National Education Policy (NEP) 2020.

Academic Flexibility: Offers elective modules within programs, allowing students a measure of flexibility in course selection.

Feedback System: Regular feedback from students, faculty, and alumni informs improvements in course delivery and relevance.

Areas of Concern:

Limited Curriculum Customization: As the college relies on the university-designed curriculum, the scope for curriculum innovation and interdisciplinary options is restricted.

Skill Development in Emerging Areas: While there are fundamental courses, the inclusion of more advanced or niche subjects in areas like data science, AI, and digital business could enhance employability for B.Sc. IT and BCA graduates.

2. Teaching-Learning and Evaluation

Strengths:

Innovative Pedagogy: Faculty members use blended learning methods, including ICT tools, for interactive classroom sessions.

Student-Centric Approaches: Efforts are made to address diverse learning needs through counselling and personalized mentorship.




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Continuous Evaluation: The evaluation system is transparent, with timely assessments and performance reviews.

Areas of Concern:

Faculty Development: Limited opportunities for faculty training in the latest pedagogical techniques and subject advancements.

Practical Exposure: Opportunities for experiential learning, such as internships and practical labs, are somewhat limited, particularly for B.Sc. IT and BCA, where hands-on experience is critical.

3. Research, Innovations, and Extension

Strengths:

Research Encouragement: The College has established policies to promote faculty research and publications in recognized journals.

Innovation Initiatives: Student-driven projects, especially in IT, foster innovation and problem-solving skills.

Community Engagement: Extension activities that engage students in social responsibility projects contribute to community welfare.

Areas of Concern:

Research Infrastructure: Limited research infrastructure and resources may impede faculty and student research initiatives.

Industry Collaboration: The College could benefit from stronger industry linkages, particularly for BBA and BCA, to promote collaborative research and internships.

4. Infrastructure and Learning Resources

Strengths:

Physical Facilities: Classrooms, computer labs, and the library provide essential infrastructure for academic activities.

Digital Resources: E-resources and digital learning materials are available to students, enabling remote access to information.

IT Infrastructure: The IT infrastructure supports B.Sc. IT and BCA courses, providing students access to necessary technology.

Areas of Concern:

Lab Facilities: B.Sc. IT and BCA programs require more advanced lab setups to support practical learning in emerging technologies.




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5. Student Support and Progression

Strengths:

Mentorship Programs: Dedicated mentoring and academic support help students progress academically and professionally.

Career Counseling: The Placement and Career Counselling Cell actively supports students, with graduates finding placements in reputed companies.

Alumni Network: The College maintains a strong connection with alumni, who often return for guest lectures and mentoring.

Areas of Concern:

Placement Opportunities: Limited collaborations with companies in the IT sector could restrict placement opportunities for BCA and B.Sc. IT students.

Skill Development Workshops: More targeted skill-development workshops for BBA students in soft skills, corporate etiquette, and entrepreneurship could enhance employability.

6. Governance, Leadership, and Management

Strengths:

Strategic Vision Aligned with NEP 2020, the college leadership is committed to fostering a multidisciplinary and holistic educational environment.

Financial Resource Management: The College has robust financial management systems in place, with regular audits ensuring accountability.

Quality Initiatives: Quality enhancement measures, including periodic academic audits, ensure adherence to best practices.

Areas of Concern:

Policy Implementation: Implementing policies for faculty training and curriculum enrichment faces challenges due to funding and resource limitations.

Expansion of Governance Roles: As the institution grows, there may be a need for more specialized administrative roles to effectively manage program-specific needs.

7. Institutional Values and Best Practices

Strengths:

Institutional Values: Emphasis on inclusivity, sustainability, and holistic education fosters a supportive learning environment.

Environmental Initiatives: The College has adopted eco-friendly practices like waste management and energy conservation.

Best Practices: Community outreach programs, workshops, and industry talks contribute to students' holistic development.




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Areas of Concern:

Student Awareness on Sustainability: Sustainability initiatives need more visibility among students, especially in program-related activities.

Community Involvement: While there are outreach programs, the scale of community engagement could be expanded for greater societal impact.

The audit reveals that Catalyst College, Patna, is aligned with NAAC guidelines, displaying a commitment to quality education, sustainable practices, and professional growth for students. The following recommendations can enhance the institution's effectiveness:

1. Introduce Advanced Electives in emerging fields like AI, machine learning, and data science for B.Sc. IT and BCA.
2. Strengthen Industry Linkages to create additional internship and placement opportunities, especially for IT and management students.
3. Enhance Research Infrastructure by seeking external funding and collaborations to support faculty and student research initiatives.
4. Upgrade Practical Labs to provide students with a more hands-on experience in IT and digital technologies.



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