

Yashoda Shikshan Prasark Mandal

Yashoda Technical Campus, Satara

An Autonomous Institute



Institutional Strategic Development Plan

2025-2030



1. Preamble

Yashoda Technical Campus, Satara has entered an important phase of institutional transformation. The academic year 2024-25 was a significant milestone in the quality journey of the Institute, with Electrical Engineering, Computer Science and Engineering, MCA and B.Pharm programmes receiving NBA accreditation. During the same academic year, the Institute also achieved NAAC B+ accreditation at the institutional level.

These achievements provide a strong foundation, but accreditation is not an end point. It provides a framework for continuous improvement in academic processes, faculty competency, infrastructure, student outcomes, research, industry interaction and governance. The period from 2025 to 2030 is therefore planned as a structured phase for consolidating the quality systems established through accreditation and moving towards institutional excellence.

The academic year 2026-27 represents another major transition with the implementation of academic autonomy. Autonomy provides YTC with greater responsibility and flexibility in curriculum design, assessment, examination, academic planning and innovation. During the same period, Mechanical Engineering, Civil Engineering, Electronics and Telecommunication Engineering and MBA have applied for NBA accreditation.

The Strategic Plan 2025-2030 has consequently been formulated to provide a clear institutional roadmap. The plan aims to consolidate existing accreditation achievements, effectively implement autonomy, obtain NBA accreditation for all eligible programmes, improve institutional performance towards NAAC A+ Grade, and progressively develop YTC as an empowered autonomous institution recognised for academic excellence, research, innovation, industry engagement and societal contribution.

Table 1: SWOC Analysis

SWOC Dimension	Key Institutional Position	Strategic Implication
Strengths	NBA accreditation of four programmes	Use existing NBA experience as a model for accreditation of other eligible programmes
	NAAC B+ accreditation	Provides an institutional quality baseline for systematic improvement towards A+
	Established OBE and quality assurance practices	Strengthen CO, PO, PSO attainment and evidence based quality management
	Implementation of academic autonomy	Provides flexibility for curriculum development, assessment, examination and academic innovation
	IQAC and quality monitoring mechanisms	Use IQAC as the coordinating mechanism for strategic monitoring and continuous improvement
	Existing academic infrastructure and faculty base	Upgrade capabilities to support accreditation, research and autonomous academic systems



Weaknesses	Need for further strengthening of research publications, funded projects and patents	Strategic emphasis on research groups, funding, publications, patents and consultancy
	Uneven level of programme level accreditation readiness	Establish systematic NBA readiness audits and programme wise improvement plans
	Need for stronger industry interaction and placement outcomes	Develop long term industry partnerships, internships, sponsored projects and placement linkages
	Need for stronger institutional documentation and evidence management	Develop centralised digital evidence and data management systems
	Need for further infrastructure and advanced learning resources	Phase wise infrastructure modernisation linked with academic and research requirements
	Need for stronger institutional performance across NAAC indicators	Implement a comprehensive Institutional Quality Improvement Plan
Opportunities	Academic autonomy	Introduce flexible, industry oriented and multidisciplinary curricula
	Expansion of NBA accreditation	Extend the existing accreditation culture to all eligible programmes
	NAAC A+ target	Convert institutional improvement initiatives into measurable quality indicators
	Emerging technologies and multidisciplinary education	Introduce emerging technology courses, electives, certifications and interdisciplinary learning
	Research funding and industry collaboration	Develop funded projects, consultancy, sponsored research and technology transfer
	Digital transformation and AI	Establish data driven governance, digital academic systems and AI enabled educational practices
	Internationalization	Develop international academic and research collaborations
Challenges	Increasing competition among higher education institutions	Strengthen academic quality, employability, research and institutional visibility
	Rapid technological changes	Continuous curriculum revision and faculty upskilling
	Increasing expectations of accreditation agencies	Maintain continuous evidence based quality improvement rather than preparing only during assessment
	Availability and retention of high quality faculty	Faculty development, research opportunities, academic leadership and professional growth



	Resource requirements for infrastructure and research	Strategic financial planning, external funding and industry supported facilities
	Changing employment requirements	Strengthen industry aligned curriculum, internships, certifications and placement
	Sustaining quality during institutional expansion	Strong governance, monitoring, accountability and institutional quality culture

2. Strategic Vision for 2030

To emerge as a nationally recognised empowered autonomous multidisciplinary institution providing quality, innovative, industry-oriented and socially responsible education through excellence in teaching, research, innovation and institutional practices.

The vision represents the desired institutional position by 2030. The Institute shall use autonomy not merely as an administrative status, but as an opportunity to improve academic quality, curriculum flexibility, research orientation, student development and institutional decision-making.

3. Strategic Aspirations for 2030

Aspiration 1: NAAC A+ Grade

YTC shall work systematically towards achieving NAAC A+ Grade in its subsequent accreditation cycle by strengthening institutional quality indicators. The emphasis shall be on actual improvement in teaching-learning, research, student progression, governance, infrastructure, extension, institutional values and best practices.

Aspiration 2: NBA Accreditation for All Eligible Programmes

The Institute shall progressively extend NBA accreditation across all eligible programmes. Existing accredited programmes shall be continuously strengthened, while Mechanical Engineering, Civil Engineering, Electronics and Telecommunication Engineering and MBA shall be supported through systematic NBA preparation and continuous improvement.

Aspiration 3: Empowered Autonomous Institution

YTC shall progressively develop the academic, administrative, research and governance capabilities required to function as an empowered autonomous institution, with effective statutory bodies, independent curriculum development, robust examination systems, multidisciplinary education, strong research, industry and international collaborations, data-driven governance and effective quality assurance.



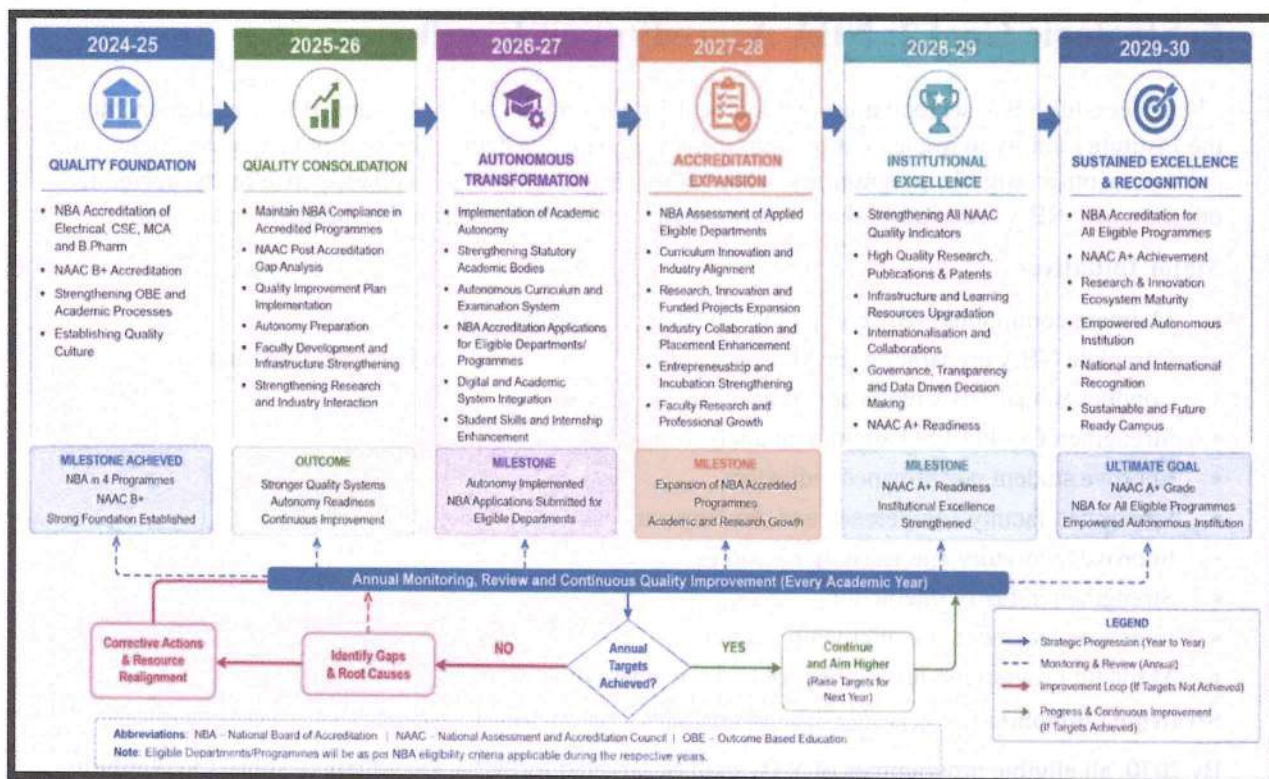


Figure 1: Institutional Development Journey from 2025-26 to 2029-30

4. Strategic Goal 1: Academic Excellence through Autonomy

The most important opportunity provided by autonomy is the ability to respond more rapidly to changes in technology, industry and society. The Institute shall therefore move from a curriculum implementation model towards continuous curriculum development and academic innovation. Curriculum design shall incorporate inputs from industry, alumni, students, academic experts, professional bodies and other stakeholders.

Major Initiatives:

- Develop industry-oriented and outcome-based autonomous curricula.
- Introduce emerging technology courses and electives.
- Promote multidisciplinary and interdisciplinary learning.
- Introduce skill-based and professional certification courses.
- Strengthen project-based and experiential learning.
- Integrate internships and industry projects into academic planning.
- Strengthen CO-PO-PSO mapping and attainment.
- Improve innovative teaching-learning practices.
- Strengthen continuous assessment mechanisms.
- Introduce value-added and emerging-area courses.

Strategic Outcome:

By 2030, YTC shall have a mature autonomous academic system characterised by flexible curriculum, academic innovation, strong OBE practices and improved student learning outcomes.



5. Strategic Goal 2: NBA Accreditation Excellence

The successful NBA accreditation of Electrical Engineering, CSE, MCA and B.Pharm demonstrates the Institute's ability to implement programme-level quality systems. The next priority is to extend this culture to other eligible programmes while ensuring continuous compliance in already accredited programmes. NBA preparation shall be integrated with routine departmental academic planning.

Major Initiatives:

- Maintain continuous NBA compliance in accredited programmes.
- Complete NBA preparation for Mechanical Engineering, Civil Engineering, ETC and MBA.
- Conduct annual NBA readiness audits.
- Strengthen CO-PO-PSO attainment analysis.
- Improve student performance indicators.
- Strengthen faculty competency and development.
- Improve laboratory and learning resources.
- Strengthen industry interaction.
- Improve placement and internship outcomes.
- Maintain programme-level evidence and documentation.

Strategic Outcome:

By 2030, all eligible programmes of YTC shall be targeted for NBA accreditation, subject to eligibility and accreditation requirements.

6. Strategic Goal 3: NAAC A+ Institutional Excellence

The achievement of NAAC B+ in 2024-25 establishes the baseline for institutional quality. The next strategic objective is to significantly improve institutional performance and achieve NAAC A+ Grade in the subsequent accreditation cycle. This requires coordinated improvement across teaching-learning, research, student progression, infrastructure, governance, extension, institutional values and best practices.

Major Initiatives:

- Analyse NAAC B+ performance and identify improvement areas.
- Prepare an Institutional Quality Improvement Plan.
- Strengthen teaching-learning and evaluation processes.
- Improve student progression and placement.
- Increase quality research publications and funded projects.
- Strengthen consultancy and innovation.
- Improve faculty qualifications.
- Strengthen extension and community engagement.
- Expand green and sustainable campus initiatives.
- Strengthen institutional governance.
- Improve alumni and industry engagement.
- Develop institutional best practices.
- Strengthen systematic documentation and evidence management.
- Conduct periodic internal quality audits.

Strategic Outcome:



The Institute shall progressively improve institutional quality indicators with the strategic objective of achieving NAAC A+ Grade in the next appropriate accreditation cycle.

7. Strategic Goal 4: Research, Innovation and Intellectual Property

An empowered autonomous institution must demonstrate strength not only in teaching but also in knowledge creation and innovation. Research contributes to faculty development, student learning, industry interaction, institutional reputation and societal development. YTC shall develop focused research capabilities based on faculty expertise, infrastructure and emerging opportunities.

Major Initiatives:

- Establish focused research groups.
- Promote interdisciplinary research.
- Increase SCI and Scopus publications.
- Encourage quality patents and copyrights.
- Increase funded research proposals.
- Promote consultancy.
- Develop industry-sponsored research projects.
- Encourage student research.
- Establish innovation and incubation activities.
- Promote technology transfer.
- Develop research collaborations.

Strategic Outcome:

By 2030, YTC shall have a stronger and measurable research ecosystem supporting publications, patents, funded projects, consultancy, innovation and technology development.

8. Strategic Goal 5: Industry Collaboration and Employability

The changing employment environment requires graduates to possess academic knowledge as well as practical professional competencies. Strong industry interaction is therefore essential for curriculum relevance, internships, projects, skill development and placement. YTC shall develop long-term strategic partnerships rather than limiting industry engagement to isolated activities.

Major Initiatives:

- Establish active industry partnerships.
- Strengthen Industry Advisory Boards.
- Increase student internships.
- Develop industry-sponsored projects.
- Conduct industrial visits and expert lectures.
- Introduce industry-supported certification programmes.
- Encourage faculty industry exposure.
- Develop industry-supported laboratories.
- Strengthen placement partnerships.
- Promote consultancy and joint projects.

Strategic Outcome:



The Institute shall achieve continuous improvement in internship, placement, industry projects, professional certifications and employability outcomes.

9. Strategic Goal 6: Faculty Excellence

Faculty members are central to the success of autonomy, accreditation, research and student development. The implementation of autonomous curricula requires faculty members to contribute actively to curriculum development, assessment, research and academic administration. Faculty development shall therefore be aligned with institutional strategic priorities.

Major Initiatives:

- Encourage Ph.D. and higher qualifications.
- Conduct need-based FDPs.
- Promote research methodology training.
- Develop faculty expertise in emerging technologies.
- Encourage industry training.
- Promote professional certifications.
- Encourage participation in conferences.
- Strengthen research collaboration.
- Develop academic leadership.
- Strengthen Faculty Performance Appraisal and Development System.

Strategic Outcome:

By 2030, YTC shall develop a qualified, competent, research-oriented and academically empowered faculty base.

10. Strategic Goal 7: Student Excellence and Holistic Development

The quality of an institution is ultimately reflected in the achievements and progression of its students. The Institute shall adopt a holistic approach covering academic performance, employability, innovation, entrepreneurship, communication, leadership and social responsibility.

Major Initiatives:

- Strengthen student mentoring.
- Provide career counselling.
- Promote professional certifications.
- Encourage technical competitions and hackathons.
- Promote student research.
- Strengthen entrepreneurship activities.
- Encourage start-up and innovation initiatives.
- Increase internships.
- Promote participation in national competitions.
- Strengthen communication and soft skills.
- Promote leadership and social responsibility.

Strategic Outcome:

Students shall graduate with stronger technical competence, professional skills, innovation capability, entrepreneurial orientation and social responsibility.



11. Strategic Goal 8: Digital and Smart Campus

Autonomous academic and administrative systems require efficient digital infrastructure. Digital transformation shall be treated as an institutional development priority, using technology not merely for digitisation but for improving efficiency, transparency, monitoring and decision-making.

Major Initiatives:

- Strengthen ERP.
- Strengthen LMS.
- Digitise examination processes.
- Develop digital academic resources.
- Introduce institutional dashboards.
- Use data analytics for decision-making.
- Promote AI-enabled educational practices.
- Strengthen digital documentation.
- Improve cybersecurity.
- Develop smart classrooms and laboratories.

Strategic Outcome:

By 2030, YTC shall have a digitally integrated academic and administrative ecosystem supporting efficient governance and evidence-based decision-making.

12. Strategic Goal 9: Infrastructure and Learning Resources

The successful implementation of autonomy, NBA and NAAC requirements requires adequate infrastructure and learning resources. Infrastructure development shall therefore be directly linked with academic, research and student requirements.

Major Initiatives:

- Modernise laboratories.
- Develop advanced research facilities.
- Upgrade classrooms.
- Strengthen digital library resources.
- Establish innovation facilities.
- Develop student project facilities.
- Encourage industry-supported laboratories.
- Improve accessibility and safety.
- Adopt energy-efficient infrastructure.
- Develop facilities according to emerging academic requirements.

Strategic Outcome:

YTC shall develop infrastructure capable of supporting quality education, research, innovation, autonomy and accreditation requirements.

13. Strategic Goal 10: Sustainability and Social Responsibility



A leading autonomous institution must demonstrate responsibility towards the environment and society. Sustainability shall therefore be integrated into campus operations, curriculum, student projects and community engagement.

Major Initiatives:

- Increase renewable energy utilisation.
- Strengthen energy conservation.
- Implement water conservation.
- Strengthen rainwater harvesting.
- Improve waste management.
- Promote plastic reduction.
- Conduct green and energy audits.
- Promote biodiversity.
- Undertake SDG-based activities.
- Encourage sustainability-oriented student projects.
- Strengthen community engagement.

Strategic Outcome:

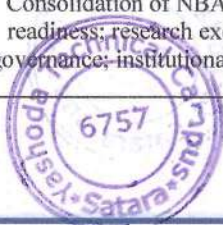
By 2030, YTC shall demonstrate measurable progress towards becoming a green, sustainable and socially responsible campus.

14. Clear Strategic Roadmap 2025 to 2030

The strategic roadmap has been designed as a progressive institutional journey. Each year builds upon the achievements and systems established in the preceding year. The roadmap gives priority to three institutional outcomes: NAAC A+ Grade, NBA accreditation for all eligible programmes and development of an empowered autonomous institution.

Table 2: Year Wise Road Map

Year	Institutional Stage	Major Priorities	Major Milestone
2025-26	Consolidation	NBA compliance; NAAC improvement plan; autonomy preparation; OBE strengthening	Strong quality foundation
2026-27	Autonomous Transformation	Implementation of autonomy; statutory bodies; autonomous curriculum and examination; NBA preparation	Empowered autonomous framework + NBA applications
2027-28	Accreditation Expansion	NBA assessment/accreditation; curriculum innovation; research and industry expansion	Expansion of NBA accredited programmes
2028-29	Institutional Excellence	NAAC quality enhancement; research growth; infrastructure; internationalisation; ranking	Preparation for A+ level institutional performance
2029-30	Excellence and Recognition	Consolidation of NBA; NAAC readiness; research excellence; governance; institutional visibility	NBA for all eligible programmes + NAAC A+ target + empowered autonomous institution



15. Three-Level Strategic Roadmap

Track I: NBA Excellence

2024-25: NBA accreditation of four programmes → 2026-27: NBA applications for Mechanical, Civil, ETC and MBA → 2027-28: NBA assessment and accreditation → 2028-29: preparation of remaining eligible programmes → 2029-30: NBA accreditation for all eligible programmes.

Track II: NAAC Excellence

2024-25: NAAC B+ baseline → 2025-26: post-accreditation gap analysis → 2026-27: institutional quality improvement → 2027-28: strengthening academic, research, student and governance indicators → 2028-29: NAAC A+ readiness → 2029-30: NAAC A+ target.

Track III: Autonomy to Empowerment

2025-26: autonomy preparation → 2026-27: implementation of academic autonomy → 2027-28: curriculum and examination innovation → 2028-29: academic, research and administrative empowerment → 2029-30: mature empowered autonomous institution.

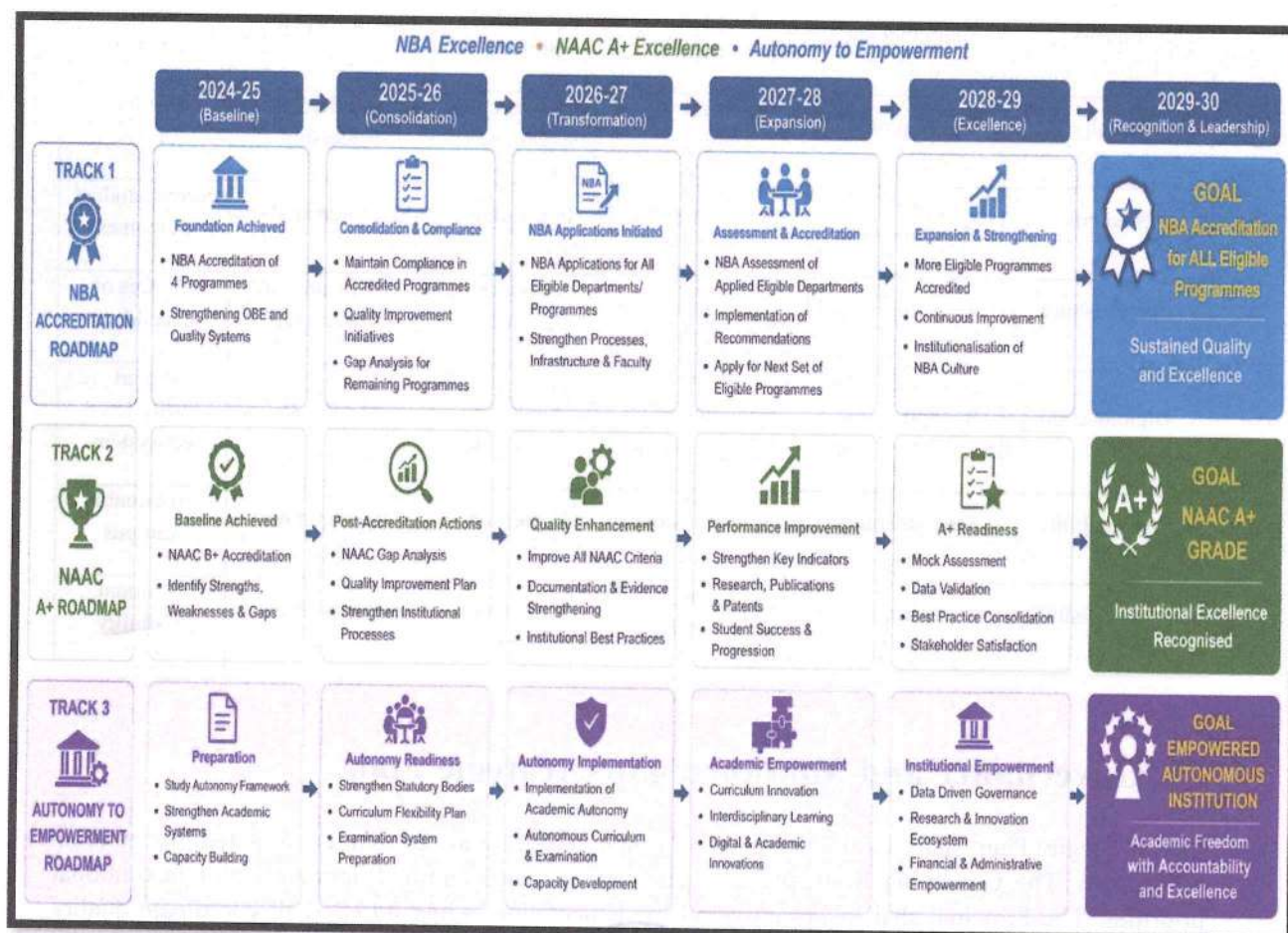


Figure 2: Three Level Strategic Roadmap from 2025-26 to 2029-30



16. Strategic Performance Dashboard

Table 3: Performance Dashboard

Strategic Indicator	2025-26	2026-27	2027-28	2028-29	2029-30
NBA Accredited Programmes	4	4 + applications	Expansion	Further expansion	All eligible programmes
NAAC	B+ baseline	Improvement	Strengthening	A+ readiness	A+ target
Autonomy	Preparation	Implementation	Consolidation	Empowerment	Mature autonomous system
Curriculum	Review	Autonomous curriculum	Innovation	Multidisciplinary	Continuous innovation
Research	Strengthening	Research groups	Funded projects	Research excellence	Institutional research strengths
Industry	Strengthening	Strategic partnerships	Sponsored projects	Consultancy	Long-term partnerships
Faculty	Development	Autonomy training	Research development	Academic leadership	Strong faculty profile
Students	Skill development	Certifications	Innovation	Entrepreneurship	Strong student outcomes
Infrastructure	Gap analysis	Upgradation	Advanced facilities	Research infrastructure	Centres of excellence
Digitalisation	Strengthening	Integration	Analytics	AI adoption	Smart institutional ecosystem
Sustainability	Strengthening	Institutionalisation	Expansion	Measurement	Sustainable campus
Ranking/Visibility	Baseline	Data strengthening	Participation	Improvement	National visibility

17. Governance and Monitoring of Strategic Plan

The Strategic Plan shall be implemented through a decentralized but coordinated institutional mechanism. The Governing Body shall provide strategic direction and approve major institutional priorities. The Principal shall oversee overall implementation, while IQAC shall coordinate quality monitoring, review and evidence-based assessment.



Academic priorities shall be implemented through the Academic Council, Boards of Studies, Deans, Heads of Departments, DAB/PAC and faculty members. Specific strategic objectives shall be assigned to appropriate committees and institutional units.

Annual review shall assess:

- Target planned
- Achievement
- Achievement percentage
- Gap
- Reasons for gap
- Corrective action
- Responsibility
- Revised target
- Documentary evidence

The results shall be incorporated into the annual institutional action plan. The review shall follow the institutional quality cycle: Planning → Implementation → Monitoring → Evaluation → Corrective Action → Continuous Improvement.

18. Strategic Enablers

Successful achievement of the strategic objectives will require coordinated support across academic, administrative and financial systems. The following institutional enablers shall support implementation:

- Strong leadership and governance
- Adequate financial planning and resource allocation
- Competent and motivated faculty and staff
- Effective IQAC and internal quality assurance mechanisms
- Functional statutory and academic bodies
- Stakeholder participation
- Digital data and evidence management
- Industry and alumni support
- Research and innovation ecosystem
- Continuous monitoring and corrective action

19. Final Strategic Direction

The Strategic Plan 2025 to 2030 shall transform the institutional development journey of Yashoda Technical Campus through a planned progression from accreditation to autonomy and from autonomy to institutional excellence.

- 2024-25: NBA Accreditation + NAAC B+
- 2025-26: Consolidation + Quality Improvement
- 2026-27: Academic Autonomy + NBA Expansion
- 2027-28: Academic Innovation + Research + Industry
- 2028-29: Institutional Excellence + NAAC A+ Readiness
- 2029-30: NAAC A+ + NBA for All Eligible Programmes + Empowered Autonomous Institution

The central strategic objective shall be to establish Yashoda Technical Campus as an institution where accreditation provides the foundation, autonomy provides the opportunity, innovation provides the



competitive strength, and continuous quality improvement provides the pathway to institutional excellence.

Strategic Motto: From Accreditation to Autonomy, Autonomy to Innovation, and Innovation to Institutional Excellence.

Approval

Prepared by:

Dr. N. M. Jamadar
Dean, IQAC

Signature: _____



Approved by:

Dr. Vikram S. Patil
Director
Yashoda Technical Campus, Satara

Signature: _____

