



NEW HORIZON COLLEGE OF ENGINEERING

STRATEGIC FIVE-YEAR INSTITUTIONAL DEVELOPMENT PLAN (2026-2031)

EXCELLENCE THROUGH INNOVATION • QUALITY THROUGH GOVERNANCE • GROWTH THROUGH TRANSFORMATION

1 VISION 2031

Our Vision 2031

To be a Nationally Benchmarked, Globally Connected, Research-Driven, Innovation-Centric Institution with Strong Industry Integration and Societal Impact.



OUR COMMITMENTS



NIRF Top 150 | NAAC A++

2 11 STRATEGIC PILLARS

- 01 ACADEMIC EXCELLENCE & CURRICULUM TRANSFORMATION
- 02 RESEARCH, INNOVATION & IP ECOSYSTEM
- 03 ACCREDITATION & RANKING EXCELLENCE
- 04 INDUSTRY INTEGRATION & EMPLOYABILITY
- 05 DIGITAL TRANSFORMATION & SMART CAMPUS
- 06 FACULTY EXCELLENCE & HUMAN CAPITAL DEVELOPMENT
- 07 STUDENT EXPERIENCE & HOLISTIC DEVELOPMENT
- 08 INTERNATIONALIZATION STRATEGY
- 09 INFRASTRUCTURE & CAMPUS EXPANSION
- 10 SUSTAINABILITY, ESG & SOCIETAL IMPACT
- 11 GOVERNANCE & LEADERSHIP EXCELLENCE

3 2031 INSTITUTIONAL TARGETS

KPI	TARGET 2031
NIRF Ranking	Top 150
NAAC Grade	A++
NBA Accreditation	Majority Eligible Programs
Publications	800+
Patents	200+
Research Funding	₹15 – 20 Cr
Placement Rate	95%
Average Package	₹10 – 12 LPA
Startups Incubated	50+
International Collaborations	25+
Smart Classrooms	100%
Digital Governance	Fully Integrated

4 TRANSFORMATION ROADMAP

2026-27 FOUNDATION & DIGITAL STRUCTURING

- IQAC Strengthening
- ERP Transformation
- Academic Restructuring
- NBA / NAAC Readiness

2027-28 RESEARCH & INNOVATION EXPANSION

- Sponsored Projects
- International Collaborations
- Innovation Ecosystem

2028-29 NATIONAL BENCHMARKING

- NIRF Enhancement
- Industry Integration

2029-30 GLOBALIZATION & ADVANCED ECOSYSTEM

- QS Participation
- International Partnerships
- Global Mobility

2030-31 INSTITUTIONAL EXCELLENCE

- National Leadership Positioning
- Future University Readiness
- Strategic Expansion

5 IQAC STRATEGIC MONITORING FRAMEWORK

IQAC SHALL DRIVE

- Strategic Monitoring & Review
- KPI Tracking & Institutional Analytics
- Quality Audits & Compliance Monitoring
- Institutional Benchmarking
- Accreditation Facilitation
- CQI Implementation
- Dashboard Development
- Policy & SOP Standardization

DATA DRIVEN DECISIONS
QUALITY ASSURED FUTURE

6 NIRF – NBA – NAAC EXCELLENCE

NBA EXCELLENCE

- Outcome Based Education
- Industry Aligned
- Quality Assurance
- Continuous Improvement

NAAC A++ JOURNEY

- Quality Culture
- Best Practices
- Academic Excellence
- Institutional Values
- High Performance

NIRF TOP 150 MISSION

- Performance Driven
- Research Impact
- National Visibility
- Global Recognition
- Sustainable Growth

7 RESEARCH & INNOVATION 2031



INNOVATE • RESEARCH • IMPACT

8 SMART CAMPUS 2031



INTELLIGENT • INTEGRATED • INNOVATIVE

9 STUDENT SUCCESS 2031



LEARN • LEAD • SUCCEED

10 CHAIRMAN'S STRATEGIC VISION

BUILDING A FUTURE-READY NHCE FOR A BETTER TOMORROW



TOGETHER TOWARDS TOMORROW

NIRF TOP 150

NAAC A++

RESEARCH DRIVEN

INDUSTRY INTEGRATED

GLOBALLY CONNECTED

NHCE VISION 2031



INSTITUTIONAL STRATEGIC PLANNING DOCUMENT

Strategic Five-Year Institutional Development Plan

2026 – 2031

INSTITUTION

New Horizon College of Engineering

PLAN PERIOD

Academic Years 2026–2031

VERSION

1.0



FORWARD

Document Overview & Strategic Intent

- Developed primarily to address the strategic planning requirements of NBA accreditation, while also serving as a comprehensive roadmap for institutional growth.
- Reflects the institution's commitment to academic excellence, research advancement, industry integration, digital transformation, global engagement and sustainable quality enhancement — aligned with NEP 2020, NBA, NAAC and NIRF frameworks.
- Designed not merely as a compliance document, but as a transformative institutional blueprint focused on continuous quality improvement, governance maturity, innovation ecosystems and global benchmarking.
- The IQAC shall function as the institutional facilitation and monitoring body for the effective implementation, review and continuous refinement of this strategic plan.

DOCUMENT CONTROL

REFERENCE NO.

NHCE/IQAC/2025-26/STR/01

DATE OF ISSUE

29 May 2026

PLAN PERIOD

Academic Years 2026–2031

VERSION

1.0

CLASSIFICATION

Institutional Strategic Planning Document

MONITORING BODY

Internal Quality Assurance Cell (IQAC)

01 | INSTITUTIONAL LEGACY



A Legacy of Excellence

NHCE has evolved into one of the leading autonomous engineering institutions in Karnataka, combining academic excellence with industry engagement, research, innovation, and global exposure.

Situated in Bengaluru's thriving IT corridor, the institution provides a world-class ecosystem that enables students to transform ideas into impactful careers.

Founded under the New Horizon Educational Institution established in 1970, NHCE has built upon more than five decades of educational tradition to deliver 21st-century engineering education.

 **2001**

Year Established

 **5500+**

Students Enrolled

 **300+**

Faculty Members

 **16**

Centres of Excellence

 **12**

Research Centres

 **80+**

Research Supervisors

**12-Acre Wi-Fi Enabled Campus · Bengaluru's IT Corridor · Est. 1970
(Parent Institution)**



SECTION 01

Institutional Profile

New Horizon College of Engineering (NHCE) is a premier autonomous engineering institution recognised for its academic ecosystem, NBA-accredited programmes, industry-oriented education, placement strength and sustained commitment to quality enhancement.

The institution has established itself as a reputed centre for technical education with strong foundations in academics, innovation, research, digital systems and student development. The next phase of institutional growth shall focus on transitioning NHCE into a nationally benchmarked, globally connected, research-driven, digitally intelligent and innovation-centric multidisciplinary institution.



NAAC 'A' Grade Accredited



**NBA Accredited Programmes
(CSE, ECE, EEE, ME)**



Autonomous — Affiliated to VTU



Approved by AICTE & UGC



VISION 2031

“To transform New Horizon College of Engineering into a nationally benchmarked and globally connected autonomous institution known for academic excellence, impactful research, innovation ecosystems, industry-integrated education, ethical leadership, and societal transformation.”



STRATEGIC OUTLOOK

Institutional Positioning by 2031



**A Top 150 Engineering Institution
in India (NIRF)**



**A multidisciplinary, innovation -
driven campus**



**A research and intellectual
property-oriented institution**



**A digitally integrated, AI-enabled
smart campus**



**A preferred industry-academia
collaboration hub**



**A globally benchmarked autonomous
institution**



**A future-ready institution aligned
with NEP 2020**



**A quality-governed institution with
mature IQAC systems**



**A high employability and
entrepreneurship ecosystem**



SECTION 04

Strategic Planning Framework — 11 Pillars

- 1 Academic Excellence & Curriculum Transformation**
- 2 Research, Innovation & Intellectual Property Ecosystem**
- 3 NBA, NAAC, NIRF & Ranking Excellence Framework**
- 4 Industry Integration & Employability Leadership**
- 5 Digital Transformation & AI-Enabled Smart Campus**
- 6 Faculty Excellence & Human Capital Development**
- 7 Student Experience & Holistic Development**
- 8 Internationalization Strategy**
- 9 Infrastructure & Campus Expansion**
- 10 Sustainability, ESG & Societal Impact**
- 11 Governance & Leadership Excellence**

Pillars 1–5 are elaborated in detail across the following sections, with strategic goals, major initiatives and 2031 targets.



PILLAR 1 OF 11

Academic Excellence & Curriculum Transformation

STRATEGIC GOAL To build a future-ready, interdisciplinary, industry-aligned academic ecosystem.

MAJOR STRATEGIC INITIATIVES

- NEP-aligned curriculum restructuring
- Flexible credit framework implementation
- Multiple entry-exit pathways
- AI/ML/Data Science integration across disciplines
- Industry-designed specialization tracks
- OBE maturity enhancement
- Skill-integrated curriculum
- International elective baskets
- Credit-linked internships and projects
- Digital Pedagogy Ecosystem

KEY TARGETS BY 2031

- ✓ Curriculum revision cycle every 2 years
- ✓ 30% industry co-designed courses
- ✓ 20+ interdisciplinary minors
- ✓ 100% faculty trained in advanced pedagogy
- ✓ Full academic analytics dashboard



PILLAR 2 OF 11

Research, Innovation & Intellectual Property Ecosystem

STRATEGIC GOAL To transition NHCE from a teaching-focused institution to a research-enabled institution.

FOCUS AREAS

- Artificial Intelligence & Intelligent Systems
- Semiconductor & Embedded Systems
- EV & Sustainable Mobility
- Cybersecurity & Industry 5.0
- IoT and Smart Technologies
- Renewable Energy & Sustainability
- Healthcare Technologies
- Quantum & Emerging Technologies

KEY TARGETS BY 2031

- ✓ 800+ Scopus-indexed publications
- ✓ 200+ patents filed
- ✓ 25+ funded research projects
- ✓ ₹15–20 Crores cumulative research funding



PILLAR 3 OF 11

Accreditation, Ranking & Quality Excellence Framework

STRATEGIC GOAL To establish NHCE as a continuously audit-ready and benchmark-driven institution.

MAJOR STRATEGIC INITIATIVES

- AI-enabled accreditation monitoring
- Fully digital evidence repository
- Department quality dashboards
- IQAC analytics & predictive monitoring
- Continuous academic audit mechanisms
- National and global benchmarking systems

KEY TARGETS BY 2031

- ✓ NAAC — A++
- ✓ NBA — Majority eligible programs accredited
- ✓ NIRF — Top 150
- ✓ QS Readiness — Institutional participation
- ✓ AQAR — Analytics-driven CQI model



PILLAR 4 OF 11

Industry Integration & Employability Leadership

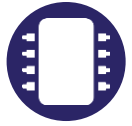
STRATEGIC GOAL To position NHCE among the strongest employability-focused campuses in India.

MAJOR STRATEGIC INITIATIVES

- Industry-integrated curriculum
- Semester-long internships
- Corporate mentorship programs
- Global certifications
- Startup incubation ecosystem
- Product development labs
- Placement analytics systems
- International internships

KEY TARGETS BY 2031

- ✓ 95% eligible placements
- ✓ ₹50+ LPA highest package
- ✓ ₹10–12 LPA average package
- ✓ 250+ recruiters annually
- ✓ 50+ startup ventures incubated



PILLAR 5 OF 11

Digital Transformation & AI-Enabled Smart Campus

STRATEGIC GOAL To develop a fully integrated AI-enabled academic governance ecosystem.

MAJOR STRATEGIC INITIATIVES

- AI-enabled ERP ecosystem
- Smart classrooms
- LMS with AI integration
- Academic analytics dashboards
- Intelligent timetable optimization
- Digital accreditation repository
- Student lifecycle management systems
- Faculty analytics systems

KEY TARGETS BY 2031

- ✓ Fully paperless governance ecosystem
- ✓ Unified digital documentation architecture
- ✓ AI-driven institutional analytics



SECTION 06

Institutional Key Performance Indicators



Top 150

NIRF RANKING



A++

NAAC ACCREDITATION



Majority Programs

NBA ACCREDITATION



₹15–20 Cr

RESEARCH FUNDING



800+

PUBLICATIONS / YEAR



200+

PATENTS / YEAR



95%

PLACEMENT RATE



₹10–12 LPA

AVERAGE PACKAGE



25+

INTL. COLLABORATIONS



50+

STARTUPS INCUBATED



100%

SMART CLASSROOMS



Fully Integrated

DIGITAL GOVERNANCE



SECTION 07

Institutional Transformation Roadmap

PHASE I

Foundation & Digital Structuring

- IQAC strengthening
- ERP transformation
- Academic restructuring
- NBA/NAAC readiness

PHASE II

Research & Innovation Expansion

- Sponsored projects ecosystem
- International collaborations
- Innovation ecosystem strengthening

PHASE III

National Benchmarking

- NIRF enhancement
- National visibility strengthening
- Industry integration acceleration

PHASE IV

Globalization & Advanced Ecosystem

- QS participation
- International partnerships
- Global mobility initiatives

PHASE V

Institutional Excellence & Strategic Expansion

- National leadership positioning
- Future university readiness
- Institutional excellence consolidation



SECTION 08

Role of IQAC in Strategic Plan Implementation

The IQAC shall function as the central institutional quality facilitation and monitoring body for execution of the Strategic Five -Year Institutional Development Plan.



Strategic monitoring and periodic review



KPI tracking and institutional analytics



Quality audits and compliance monitoring



Institutional benchmarking



Digital evidence repository management



Accreditation and ranking facilitation



Continuous Quality Improvement (CQI)



Institutional dashboard development



Policy and SOP standardization



Stakeholder engagement & feedback integration



SECTION 09

Monitoring & Review Mechanism



QUARTERLY

IQAC Review Meetings



HALF-YEARLY

Strategic Monitoring Reports



ANNUAL

Institutional Performance Review



CONTINUOUS

- Departmental KPI Dashboards
- Internal Quality Audits
- Academic & Administrative Audits
- Governing Council Review



SECTION 10

Strategic Closing Perspective

The period from 2026–2031 shall represent a transformative phase in the institutional journey of New Horizon College of Engineering.

THE INSTITUTION ALREADY POSSESSES

- Strong academic foundations
- Autonomous academic flexibility
- Industry proximity
- Quality orientation
- Placement strength
- An evolving digital ecosystem

FROM	TOWARDS
Compliance	 Excellence
Operations	 Innovation
Teaching	 Research
Departmental Growth	 Institutional Transformation
Local Reputation	 National & Global Visibility



Internal Quality and Assurance Cell

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Ref. No.: NHCE/IQAC/2025-26/STR/01

Date: 29-05-2026

Strategic Five-Year Institutional Development Plan (2026–2031)

Institution: New Horizon College of Engineering

Plan Period: Academic Years 2026–2031

Version: 1.0

Date of Issue: 29 May 2026

Document Classification: Institutional Strategic Planning Document

Approval Authority: The Chairman, NHEI

FORWARD

The plan has been developed primarily to address the strategic planning requirements of NBA accreditation, while also serving as a comprehensive roadmap for institutional growth and alignment with various statutory and quality assurance expectations.

The document reflects the institution's commitment towards academic excellence, research advancement, industry integration, digital transformation, global engagement, and sustainable quality enhancement aligned with the vision of NEP 2020, NBA, NAAC, NIRF, and emerging global higher education frameworks.

This strategic plan is designed not merely as a compliance document, but as a transformative institutional blueprint focused on continuous quality improvement, governance maturity, innovation ecosystems, and global benchmarking.

The Internal Quality Assurance Cell (IQAC) shall function as the institutional facilitation and monitoring body for the effective implementation, review, and continuous refinement of this strategic plan.

1. INSTITUTIONAL PROFILE

New Horizon College of Engineering (NHCE) is a premier autonomous engineering institution known for its academic ecosystem, NBA-accredited programs, industry-oriented education, placement strength, and commitment towards quality enhancement.

The institution has established itself as a reputed centre for technical education with strong foundations in academics, innovation, research, digital systems, and student development.

The next phase of institutional growth shall focus on transitioning NHCE into a nationally benchmarked, globally connected, research-driven, digitally intelligent, and innovation-centric multidisciplinary institution.

2. VISION 2031

“To transform NHCE into a nationally benchmarked and globally connected autonomous institution known for academic excellence, impactful research, innovation ecosystems, industry-integrated education, ethical leadership, and societal transformation.”



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3. INSTITUTIONAL STRATEGIC POSITIONING BY 2031

By 2031, NHCE shall strategically position itself as:

- A Top 150 Engineering Institution in India (NIRF)
- A multidisciplinary innovation-driven campus
- A research and intellectual property-oriented institution
- A digitally integrated AI-enabled smart campus
- A preferred industry-academia collaboration hub
- A globally benchmarked autonomous institution
- A future-ready institution aligned with NEP 2020
- A quality-governed institution with mature IQAC systems
- A high employability and entrepreneurship ecosystem

4. STRATEGIC PLANNING FRAMEWORK

The Institutional Strategic Plan has been structured around the following major strategic pillars:

Sl. No.	Strategic Pillar
1	Academic Excellence & Curriculum Transformation
2	Research, Innovation & Intellectual Property Ecosystem
3	NBA, NAAC, NIRF & Ranking Excellence Framework
4	Industry Integration & Employability Leadership
5	Digital Transformation & AI-Enabled Smart Campus
6	Faculty Excellence & Human Capital Development
7	Student Experience & Holistic Development
8	Internationalization Strategy
9	Infrastructure & Campus Expansion
10	Sustainability, ESG & Societal Impact
11	Governance & Leadership Excellence

5. STRATEGIC PILLARS AND INSTITUTIONAL ACTION FRAMEWORK

5.1 Academic Excellence & Curriculum Transformation

Strategic Goal

To build a future-ready, interdisciplinary, industry-aligned academic ecosystem.

Major Strategic Initiatives

- NEP-aligned curriculum restructuring
- Flexible credit framework implementation
- Multiple entry-exit pathways
- AI/ML/Data Science integration across disciplines
- Industry-designed specialization tracks
- OBE maturity enhancement
- Skill-integrated curriculum
- International elective baskets
- Credit-linked internships and projects
- Digital pedagogy ecosystem



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Key Targets by 2031

- Curriculum revision cycle every 2 years
- 30% industry co-designed courses
- 20+ interdisciplinary minors
- 100% faculty training in advanced pedagogy
- Full academic analytics dashboard implementation

5.2 Research, Innovation & Intellectual Property Ecosystem

Strategic Goal

To transition NHCE from a teaching-focused institution to a research-enabled institution.

Focus Areas

- Artificial Intelligence & Intelligent Systems
- Semiconductor & Embedded Systems
- EV & Sustainable Mobility
- Cybersecurity & Industry 5.0
- IoT & Smart Technologies
- Renewable Energy & Sustainability
- Healthcare Technologies
- Quantum & Emerging Technologies

Institutional Targets

- 800+ Scopus-indexed publications
- 200+ patents filed
- 25+ funded projects
- ₹15–20 Crores cumulative research funding

5.3 Accreditation, Ranking & Quality Excellence Framework

Strategic Goal

To establish NHCE as a continuously audit-ready and benchmark-driven institution.

Major Initiatives

- AI-enabled accreditation monitoring
- Fully digital evidence repository
- Department quality dashboards
- IQAC analytics & predictive monitoring
- Continuous academic audit mechanisms
- National and global benchmarking systems

Institutional Targets

Parameter	2031 Target
NAAC	A++
NBA	Majority eligible programs accredited
NIRF	Top 150
QS Readiness	Institutional participation
AQAR	Analytics-driven CQI model



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5.4 Industry Integration & Employability Leadership

Strategic Goal

To position NHCE among the strongest employability-focused campuses in India.

Major Initiatives

- Industry-integrated curriculum
- Semester-long internships
- Corporate mentorship programs
- Global certifications
- Startup incubation ecosystem
- Product development labs
- Placement analytics systems
- International internships

Key Targets

- 95% eligible placements
- ₹50+ LPA highest package
- ₹10–12 LPA average package
- 250+ recruiters annually
- 50+ startup ventures incubated

5.5 Digital Transformation & AI-Enabled Smart Campus

Strategic Goal

To develop a fully integrated AI-enabled academic governance ecosystem.

Key Initiatives

- AI-enabled ERP ecosystem
- Smart classrooms
- LMS with AI integration
- Academic analytics dashboards
- Intelligent timetable optimization
- Digital accreditation repository
- Student lifecycle management systems
- Faculty analytics systems

Targets

- Paperless governance ecosystem
- Unified digital documentation architecture
- AI-driven institutional analytics

6. INSTITUTIONAL KEY PERFORMANCE INDICATORS (KPIs)

Strategic Area	2031 Target
NIRF Ranking	Top 150
NAAC Accreditation	A++
NBA Accreditation	Majority Programs
Research Funding	₹15–20 Cr



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Publications/Year	800+
Patents/Year	200+
Placement Rate	95%
Average Package	₹10–12 LPA
International Collaborations	25+
Startups Incubated	50+
Smart Classrooms	100%
Digital Governance	Fully Integrated

7. INSTITUTIONAL TRANSFORMATION ROADMAP

Phase I (2026–27): Foundation & Digital Structuring

- IQAC strengthening
- ERP transformation
- Academic restructuring
- Documentation standardization
- NBA/NAAC readiness

Phase II (2027–28): Research & Innovation Expansion

- Sponsored projects ecosystem
- International collaborations
- Innovation ecosystem strengthening

Phase III (2028–29): National Benchmarking

- NIRF enhancement
- National visibility strengthening
- Industry integration acceleration

Phase IV (2029–30): Globalization & Advanced Ecosystem

- QS participation
- International partnerships
- Global mobility initiatives

Phase V (2030–31): Institutional Excellence & Strategic Expansion

- National leadership positioning
- Future university readiness
- Institutional excellence consolidation

8. ROLE OF IQAC IN STRATEGIC PLAN IMPLEMENTATION

The IQAC shall function as the central institutional quality facilitation and monitoring body for the execution of the Strategic Five-Year Institutional Development Plan.

The responsibilities of IQAC shall include:

- Strategic monitoring and periodic review
- KPI tracking and institutional analytics
- Quality audits and compliance monitoring
- Institutional benchmarking



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- Digital evidence repository management
- Accreditation and ranking facilitation
- Continuous Quality Improvement (CQI)
- Institutional dashboard development
- Policy and SOP standardization
- Stakeholder engagement and feedback integration

9. MONITORING & REVIEW MECHANISM

The implementation of the Strategic Plan shall be reviewed through:

- Quarterly IQAC Review Meetings
- Half-Yearly Strategic Monitoring Reports
- Annual Institutional Performance Review
- Departmental KPI Monitoring Dashboards
- Internal Quality Audits
- Academic and Administrative Audits
- Governing Council Review Mechanisms

10. STRATEGIC CLOSING PERSPECTIVE

The period from 2026–2031 shall represent a transformative phase in the institutional journey of New Horizon College of Engineering.

The institution already possesses:

- Strong academic foundations
- Autonomous academic flexibility
- Industry proximity
- Quality orientation
- Placement strength
- and an Evolving digital ecosystem.

The strategic direction shall progressively shift from:

From	Towards
Compliance	Excellence
Operations	Innovation
Teaching	Research
Departmental Growth	Institutional Transformation
Local Reputation	National & Global Visibility

NHCE shall strive to emerge as one of the most respected autonomous engineering institutions in India through leadership continuity, governance maturity, digital integration, academic excellence, research advancement, and institutional quality systems.

Dr. Babita Jain
Professor & Dean – IQAC
New Horizon Educational Institution

Dr. Manjunatha
Principal
New Horizon College of Engineering