

PATNA UNIVERSITY

PATNA

(Accredited B+ by NAAC)

VISION DOCUMENT

2026- 2030



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Patna University Vision & Strategic Document

1. Introduction

Patna University, established in 1917, is one of the oldest and most prestigious universities of India and the first university of Bihar. With its glorious legacy of academic excellence, intellectual leadership, contribution to nation-building, and social transformation, the University has played a historic role in shaping the educational, cultural, political, and scientific landscape of Bihar and the nation.

In the rapidly changing global educational environment driven by technological advancement, interdisciplinary learning, sustainability concerns, innovation ecosystems, and globalization, the University envisions a transformative roadmap for the next decade. This Vision Document outlines the strategic direction of the University from 2026 to 2030 with emphasis on academic excellence, advanced research, digital transformation, innovation, sustainability, infrastructure development and societal engagement.

The Vision Document seeks to preserve the rich heritage of the University while preparing it to emerge as a globally competitive institution of higher learning and research.

2. Vision

Our vision comprises a responsible reevaluation of the rich scholastic tradition of Patna University and focuses on the dynamics of future challenges to build worthy human values and capital for Bihar, India and the World.

3. Mission

- To build a scholarly community engaged in regular and committed teaching, quality-research, co-curricular and socially productive activities, timely and fair examinations.
- To provide intellectual integrity and artistic freedom to facilitate the microcosm of an enlightened civilization.
- To build an institution through democratic, disciplined and committed participation.
- To contribute to the resurgence of inclusive development in Bihar.
- To render Patna University one of the most preferred destinations for students, faculty and scholars.

4. ABOUT THE UNIVERSITY

Founded on 1st October 1917 by an Act of the legislature, Patna University is the seventh oldest university in the Indian subcontinent and the first university established in Bihar. Over the decades, the University has grown alongside the educational, cultural, political, and economic development of modern Bihar, emerging as an institution of national character that transcends linguistic, cultural, political, and social boundaries. Distinguished freedom fighters, eminent academicians, administrators, judges, political leaders, dedicated teachers, and talented students have all contributed to its rich academic and intellectual heritage.

At present, the University comprises ten constituent colleges and thirty-one postgraduate departments across the faculties of Humanities, Social Sciences, Science, Education, Commerce and Law. It continues to revitalize its academic and research ecosystem by creating opportunities for students, researchers and faculty members. The UGC Malaviya Mission Teacher Training Centre (MMTTC) plays a significant role in this endeavour through FDP, refresher courses etc. aimed at updating knowledge and strengthening teaching and communication skills.

The Patna University Library serves as a major academic resource centre for students, teachers, and research scholars. The computerized library is connected to INFLIBNET and provides access to more than 2.3 lakh books, eighty-seven periodicals, fifty thousand back volumes of journals and over five thousand rare manuscripts. Since 1st January 2025, the University has also implemented the One Nation One Subscription (ONOS) initiative, enabling access to research journals published by reputed national and international publishers.

To ensure the holistic development of students, the University actively promotes co-curricular and extracurricular engagement through bodies such as the NSS, NCC, Sports Board, Cultural Activities Board, and several learned societies. Students of the University have consistently distinguished themselves at university, state, and national levels in academics, sports, and cultural activities.

Patna University was accredited with a B+ grade by NAAC on 5 August 2019. In the NIRF Rankings 2024, it was placed among the 51–100 ranked State Public Universities in India, becoming the only state public university from Bihar to achieve this distinction. The University has also been included under Category-B institutions in the “Partnership for Accelerated Innovation and Research (PAIR)” programme of the Anusandhan National Research Foundation (ANRF), Government of India, with IIT (ISM) Dhanbad serving as the Hub Institution.

In December 2024, the Ministry of Education sanctioned a landmark grant of ₹100 crore to Patna University under the PM-USHA MERU Scheme, marking a major step towards strengthening its infrastructure and academic excellence. Further advancing its digital learning initiatives, the University inaugurated a Digital Studio on 18th April 2026. The studio has been established to enable faculty members to create online lectures and e-content for dissemination through the official YouTube channel of Patna University, thereby promoting digital and technology-enabled education.

As one of the state's premier centres of higher learning, the University continues to play a foundational role in shaping Bihar's academic and intellectual future. To effectively realize its academic vision, the University recognizes the need for robust infrastructure capable of supporting productive research, faculty development, curriculum innovation and effective teaching-learning processes.

5. Core Strategic Priorities

5.1. Academic Excellence and Curriculum Innovation

The University aims to strengthen academic standards through modernization of curriculum, introduction of emerging disciplines, and enhancement of student-centric learning systems.

5.1.1. Key Objectives

- Adoption of multidisciplinary and flexible curriculum structure as per NEP guidelines.
- To promote conceptual learning, critical thinking and problem-solving aptitude among students through outcome-based teaching, experiential learning, case studies, project work, field exposure and interdisciplinary approaches
- Integration of digital learning technologies and blended teaching methods.
- Strengthening of vocational, professional and employability oriented education.

5.1.2. Proposed New Academic Programmes

The University proposes to introduce several future oriented programmes to address emerging educational and employment opportunities:

Undergraduate Programmes

- B.Sc. in Data Science
- B.Sc. in Artificial Intelligence
- Skill-based and interdisciplinary certificate/diploma programmes

Postgraduate Programmes

- M.Sc. in Forensic Science
- Specialized interdisciplinary programmes in emerging technologies and environmental studies

Special Educational Initiatives

- Introduction of BHRM Degree Programme for Ex-servicemen to facilitate professional rehabilitation, management education, and employability enhancement.

5.2. Research, Innovation and Knowledge Creation

The University seeks to emerge as a major centre of advanced research and innovation by promoting interdisciplinary research culture, international collaborations and industry oriented innovation.

5.2.1. Strategic Focus Areas

- Critical Mineral and Sustainable mining
- Biotechnology and Biomedical Research
- Renewable Energy and Sustainability
- Artificial Intelligence and Data Analytics
- Environmental Science and Climate Studies
- Public Health and Toxicology
- Indigenous Knowledge Systems and Folk Literature
- Law, Governance and Human Rights

5.2.2. Research Development Initiatives

- Partnership for Accelerated Innovation and Research (PAIR)” programme of the Anusandhan National Research Foundation (ANRF), Government of India, with IIT (ISM) Dhanbad.
- Establishment of advanced research laboratories and centralized research facilities.
- Promotion of externally funded research projects.
- Encouragement of patents, innovation, consultancy and technology transfer.
- Development of strong industry-academia partnerships.
- Strengthening research ethics, integrity and quality publication standards.

5.2.3. Publication and Academic Visibility

- Regular publication of the *Patna University Journal* with peer-review and indexing in reputed national and international databases.
- Encouragement of faculty and scholars to publish research papers in high-impact journals.
- Development of institutional digital repositories and research databases.

5.2.4. Conferences and Academic Engagement

The University will regularly organize:

- National Conferences
- International and National Conferences
- Seminars and Symposia
- Workshops
- Faculty Development Programmes

in emerging areas of science, humanities, social sciences, law, education and interdisciplinary studies.

6. Infrastructure Development and Modernization

The University recognizes that world-class infrastructure is essential for academic and research excellence.

6.1. Major Infrastructure Development Plans

6.1.1. Central Instrumentation Facility

The proposed facility will provide sophisticated instruments and analytical support to researchers across departments and colleges.

6.1.2. Incubation Hub and Innovation Ecosystem

The University plans to establish an Incubation Hub to:

- Promote start-ups and entrepreneurship
- Encourage innovation among students and faculty
- Facilitate industry collaboration and technology commercialization
- Support young innovators and researchers

6.1.3. Establishment of BSL-3 Laboratory

The University aims to establish a Biosafety Level-3 (BSL-3) Laboratory to strengthen advanced biological, biomedical, microbiological, and infectious disease research capabilities.

6.1.4. Green, Glass, and Poly Houses

Establishment of Green House, Glass House and Poly House for advanced research and teaching in botany, biotechnology, environmental science and climate studies.

7. Digital Transformation and Smart Campus Development

The University envisions becoming a digitally empowered smart campus.

7.1. Digital Initiatives

- Full automation of the University Library and departmental libraries.
- Expansion of e-library services, digital repositories and online access systems.
- Strengthening ICT-enabled teaching-learning processes.
- Implementation of e-governance and paperless administration.
- Expansion of Digital Studio for development of e-content, MOOCs, online lectures and virtual classrooms.

7.2. Smart Campus Features

- Smart classrooms
- Integrated campus networking
- Digital student support systems
- Online academic and administrative services

8. Sustainable and Green Campus Development

The University is committed to environmental sustainability and green campus initiatives.

8.1. Sustainability Goals

- Reduction of carbon footprint through green technologies.
- Dependence on renewable energy through extensive installation of Solar Panels across the campus.
- Promotion of energy conservation and efficient waste management systems.
- Water harvesting and recycling mechanisms.
- Enhancement of green cover and biodiversity conservation within campus.

The University aspires to become a model eco-friendly and sustainable educational institution in Eastern India.

9. Student Welfare, Skill Development and Employability

The University seeks holistic development of students through academic excellence, skill development, cultural participation, and leadership training.

9.1. Key Initiatives

- Strengthening career counselling and placement cells.
- Organizing skill enhancement and entrepreneurship programmes.
- Enhancing industry exposure and internship opportunities.
- Expansion of scholarships and financial support for economically weaker students.
- Promotion of sports, cultural activities, NCC, NSS and community outreach programmes.

9.2. Employability Enhancement

- Industry-oriented curriculum development.
- Soft skill and communication training.
- Digital and technical skill certification programmes.
- Industry collaboration for campus recruitment.

10. Social Responsibility and Community Engagement

The University shall continue to play a transformative role in society through outreach and extension activities.

10.1. Focus Areas

- Rural development and community outreach
- Environmental awareness
- Public health and hygiene awareness
- Women empowerment
- Digital literacy
- Climate resilience and sustainable development

The University will actively collaborate with governmental and non-governmental organizations for social impact initiatives.

11. Institutional Development Plan (2026-2030)

11.1. Academic Development

- Improve NAAC accreditation grade.
- Achieve significant improvement in NIRF rankings.
- Restart of Distance education programmes.
- Launch UG programmes in Data Science and Artificial Intelligence.
- Start M.Sc. Programme in Forensic Science.
- Introduce BHRM Degree Programme for Ex-servicemen.
- Revise curricula as per NEP and industry needs.
- To encourage faculty members to write and publish quality books, reference materials and learning resources in Hindi in accordance with the mandate and objectives of the Bharatiya Bhasha Samiti for promotion of Indian knowledge systems and multilingual education.

11.2. Research and Publications

- Increase research grants, patents and consultancy activities.
- To undertake systematic progress review and monitoring of the 36 research projects presently supported through internal university resources, ensuring timely completion, quality outcomes and effective utilization of funds.
- To strengthen the culture of research and innovation by inviting fresh applications for internally funded research projects in emerging and socially relevant areas, with special emphasis on interdisciplinary and community oriented research.
- Start regular publication of *Patna University Journal*.
- Organize national and international conferences and workshops.
- Promote funded research projects and collaborative research.

11.3. Infrastructure and Digital Development

- Establishment of modern Digital Studio equipped with advanced audio-visual facilities for recording high-quality lectures by faculty members. The recorded lectures will be uploaded on the University website and official YouTube channel for easy access by students and learners from wider communities. This initiative will promote digital learning, enhance outreach and support blended and technology-enabled education.
- The University aims to implement full automation of library systems to ensure efficient and user-friendly access to academic resources. The initiative will include digitization of catalogues, online issue-return services, e-resource management, RFID/barcode-based circulation, and remote access to journals and databases. This will strengthen teaching, learning, and research by providing faster, transparent, and technology-driven library services to students, researchers, and faculty members.
- Strengthen digital classrooms and online learning.
- The University plans to establish Green House, Glass House, and Poly House facilities to support advanced teaching, research, and training in plant sciences, biotechnology, and environmental sustainability.
- The construction of a modern Multipurpose Building and Central Instrumentation Facility will be initiated to provide state-of-the-art infrastructure for academic activities, research, conferences, and access to advanced scientific instruments for interdisciplinary research.

- The University also aims to establish an Incubation Hub to promote innovation, entrepreneurship and start-up culture among students and researchers, along with a BSL-3 Laboratory to strengthen advanced research capabilities in biological and health sciences.

11.4. Sustainability

- Install solar panels in phases across entire university campuses.
- Strengthen green campus initiatives.

12. Conclusion

The Vision Document 2026-2030 reflects the commitment of Patna University toward academic excellence, innovation, sustainability and societal responsibility. By combining its historic legacy with future-oriented planning, the University aspires to emerge as a globally respected institution dedicated to knowledge creation, human development and nation-building.

The successful implementation of this Vision Document shall require collective participation of faculty members, students, alumni, administrators, policymakers, industry partners and society at large. Together, they will shape a vibrant, inclusive, innovative and globally competitive Patna University for the future generations.