



INTERNAL QUALITY ASSURANCE CELL (IQAC) STRATEGIC PLAN

Bareilly International University

**Rohilkhand Medical College, Pilibhit Bypass Rd, Chandpur Bichpuri,
Bareilly, Uttar Pradesh 243006**

About us

Bareilly International University, Bareilly is established in accordance to UGC Act 1956 by the Uttar Pradesh Govt. Act No. 26 of 2016 dated 16th Sept 2016. The University has commenced academic activities from session 2016-17 with various courses. The University is in the process to design its own milestone in the pursuit of social commitment and excellence reflecting by establishing world class practices. It has reached the shores of developing into a seat of global learning to bring about transformation of the society through value-based education, research promotions.

BIU has belief in innovation and forward-thinking that encourage to assume a leadership in various curriculum. These advantages give us a special opportunity to advance this great institution through carefully selected but ambitious choices that renew and extend its mission. Objective of BIU is the holistic development of each student through inter-disciplinary, multi-disciplinary and trans-disciplinary approach. University offers various innovative and unique courses that are truly transdisciplinary in nature, scope and contents and help the students to develop knowledge and skills in diverse areas of study which are innovative in the emerging areas.

The learner-centric academic system with dynamic curriculum, broad-based courses are some of the important hall-marks of this University. The BIU aims to promote academic autonomy and empowerment, design multidisciplinary courses and exploratory research across disciplines among its faculty and students.

Vision

Bareilly International University will have a transformative impact on society through continual innovation in education, research, creativity, and entrepreneurship. To be a leading medical institution excels in providing quality education, research environment and affordable health care services.

Mission

To impart quality higher education and to undertake research and extension with emphasis on application and innovation that cater to the emerging societal needs through all-round development

of the students of all sections enabling them to be globally competitive and socially responsible citizens with intrinsic values.

Our endeavor is to create academic and research environment by providing state of art infrastructure & facilities to impart knowledge and develop skill in its pupil and function as a center of cost effective comprehensive health care services where people are treated with dignity and respect. Ensure holistic development of its pupil to attain success in personal and professional life and handle contemporary health problem of society effectively.

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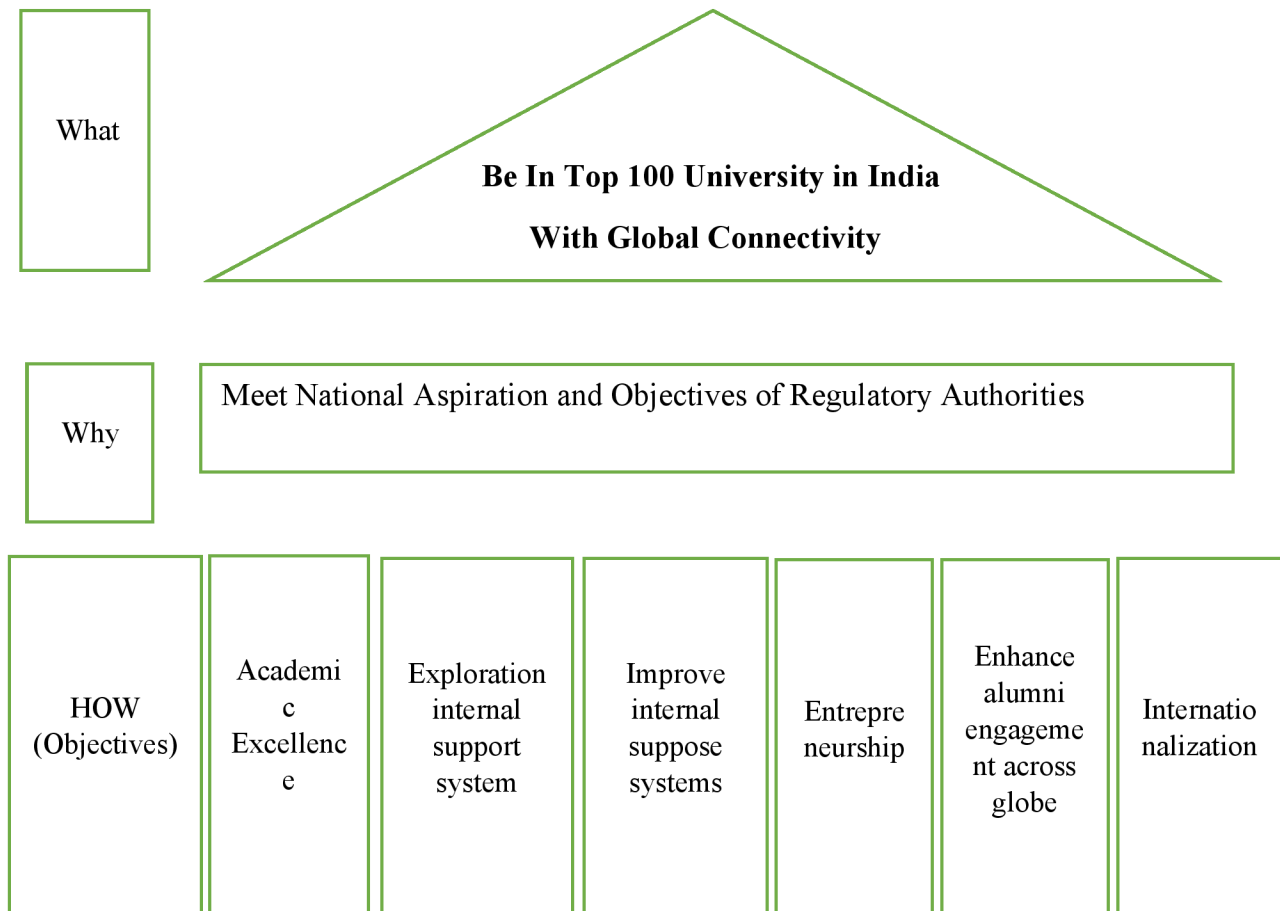
Quality Policy

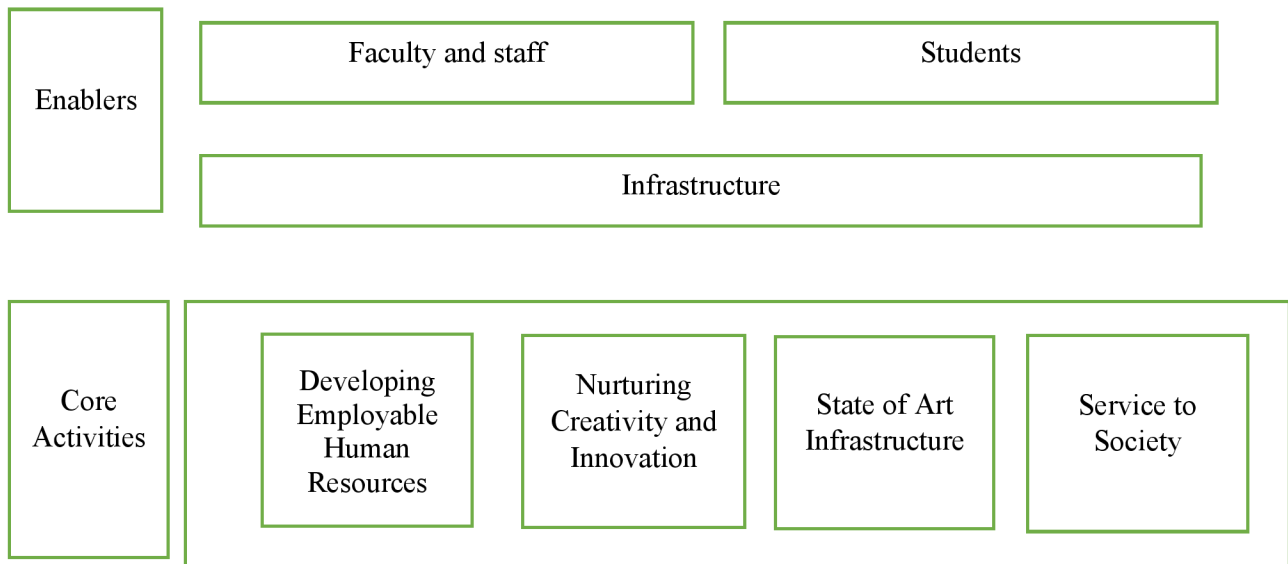
Bareilly International University is committed to maintaining excellence in education by fostering a comprehensive and enriching learning environment. The policy is designed to support academic, professional, and personal growth while promoting innovation and research.

1. **Academic Excellence:** The University upholds high standards in teaching, learning, and curriculum development to equip students with current knowledge and practical skills essential for their careers.
2. **Student-Centered Learning:** A nurturing and engaging educational environment is provided to support students in achieving academic and personal success. Emphasis is placed on catering to diverse learning needs and enhancing leadership, teamwork, and other essential life skills.
3. **Research and Innovation:** A strong research culture is encouraged, fostering creativity, critical thinking, and innovation among students and faculty. Collaboration with industries and academic institutions is promoted to enhance research output and practical application.
4. **Continuous Improvement:** The university is dedicated to continuously upgrading its infrastructure, teaching methodologies, and student support services. Feedback from students, faculty, and stakeholders plays a crucial role in refining academic programs and enhancing the overall learning experience.

5. **Accreditation and Compliance:** Ensuring adherence to the standards set by accreditation bodies such as the University Grants Commission (UGC) and other regulatory authorities. Compliance with national and international educational standards remains a priority.
6. **Holistic Development:** The University emphasizes all-round student development, preparing them for professional careers and responsible citizenship. A balanced integration of extracurricular activities, sports, cultural events, and workshops is incorporated into the academic framework.
7. **Industry Collaboration:** Strong partnerships with industries are established to provide students with internships, placement opportunities, and real-world exposure. This initiative enhances employability and aligns academic learning with industry demands.
8. **Sustainability and Social Responsibility:** The University instils social responsibility in students, encouraging them to contribute positively to society. Sustainability practices, ethical behaviour, and social awareness are actively promoted.

STRATEGIC PLAN 2024-2034





Goal 1; Academic Excellence

Values-based education fosters a dynamic learning environment that not only enhances academic success but also cultivates lifelong social and interpersonal skills. Positive outcomes are realized through a teaching-learning approach that integrates ethical principles with interdisciplinary research in advanced technologies. This holistic approach contributes to the comprehensive development of students' personalities. Additionally, it strengthens their social competence, equipping them with the intelligence, attitude, and relationship skills needed to excel in all aspects of life. A high standard of academic excellence further enriches their educational experience, adding significant value to their learning journey.

Strategies

1. Curriculum Design and Revision (Multidisciplinary Education)

The curricula of all programs at GEC are meticulously developed and implemented to encompass various aspects, including engineering knowledge, essential attributes, professional ethics, and both technical and non-technical skills. Additionally, they integrate societal aspirations to ensure holistic development. To foster higher order thinking through

analysis, evaluation, and application of concepts, processes, and principles in education, course outcomes are aligned with the revised Bloom's Taxonomy. The curriculum is structured to fulfil the stated Program Educational Objectives (PEOs), Program Outcomes (POs), and Program-Specific Outcomes (PSOs). The adoption of the Choice-Based Credit System (CBCS) allows students the flexibility to explore cross-disciplinary subjects, acquire knowledge in diverse technologies, and undertake interdisciplinary projects. Moreover, the curriculum is continuously updated to align with industry requirements and socio-dimensional aspects, enhancing students' self-learning capabilities and employability prospects.

2. Pedagogy and Delivery Modes

The teaching-learning process integrates modern pedagogical approaches while maintaining a balance with traditional methodologies. Classrooms are equipped with advanced infrastructure to support innovative delivery methods. Faculty members undergo continuous training in ICT-enabled teaching methodologies, ensuring they stay updated through participation in faculty development programs, workshops, and seminars. A dedicated Teaching and Learning Center is established to support faculty teaching, student learning, and effective communication. Additionally, e-learning and online learning platforms complement traditional classroom-based education, promoting a blended learning approach. Faculty and students are encouraged to pursue certifications through MOOCs, SWAYAM, and NPTEL, fostering continuous knowledge enhancement and skill development.

3. Aligning Curriculum with NEP-2020, Institutional Development Plan (IDP), and Sustainable Development Goals (SDGs)

Bareilly International University is committed to transforming education by aligning its curriculum with the principles of the National Education Policy (NEP) 2020, its Institutional Development Plan (IDP), and the global framework of Sustainable Development Goals (SDGs). The curriculum is designed to be holistic, multidisciplinary, flexible, and rooted in Indian values while being globally relevant.

Metrics/Measures

Key Result Areas	Measures
Curriculum Enrichment	Industrial Certificate Courses
	Courses focusing on Skill development and Employability
	Value Added Courses
Learner Centric Curriculum delivery	Academic Plan as per OBE & Academic calendar
	Quality projects
	ICT utilization/Pedagogy Tools
	Online Self-Learning Resources
	Industry exposure through Internships
	Workshops/FDPs on pedagogy/Experiential Learning/Technology
	Learning Management system
Smart Classrooms	Multimedia and support equipment
	E-learning Facilities.
Laboratories	Periodic maintenance and up gradation
	Virtual Laboratory
	Additional Design and open-ended experiments

Goal 2: Exploration of Knowledge through innovation meeting societal needs

The institute nurtures and enhances students' creativity, initiative, and practical skills, empowering them to innovate and confidently tackle challenges. In addition to academic activities, students are encouraged to engage in open-ended experiments, micro/mini projects, industry-driven projects, and product-based initiatives. Their innovative ideas are brought to life through:

- Project-based learning, progressing from micro to macro levels, encompassing both processes and products.
- Strengthening collaborative projects with academic institutions and industry partners.

Metrics/ Measures

Key Result Areas	Measures
Research Publications	Numbers of papers published in reputed National and international journals
	Numbers of papers presented in reputed National and international conferences
	Faculty as reviewers for reputed journals
Frontiers of Knowledge	Operational Centers of Excellence
	Conferences/Seminars/Workshops Conducted.
	MOUs with higher learning institutes in India & broad.
Patents and copyrights	IPR Workshops
	Number of Indian Patents
	Books and Monographs, Copy rights

Goal 3: Improve internal support systems

The institute has implemented a modern and comprehensive Enterprise Resource Planning (ERP) system after optimizing all processes to enhance operational efficiency and transparency. To further strengthen academic and administrative functions, the institute plans to expand its technical staff, including senior professionals with higher qualifications. Additional administrative staff will be allocated to departments to manage routine tasks such as admissions, examinations, and meeting documentation, as well as specialized responsibilities like publishing newsletters, website management, and fostering industry and alumni engagement.

To streamline procurement, the purchase section will be upgraded to ensure timely and efficient acquisitions. A Conference/FDPs/STTPs support cell will be established to facilitate the organization of these academic events. Additionally, the institute will enhance estate and building maintenance by providing adequate staff and online systems to maintain higher standards.

Action Points

- Implement a modern ERP system to simplify operations and processes.
- Appoint and empower departmental managers to oversee and coordinate purchases, maintenance, and administration.
- Conduct an annual satisfaction survey to evaluate service effectiveness.
- Introduce service orientation and training programs for staff, along with an online complaint management system to enhance response efficiency.
- Develop an improved faculty orientation and mentorship program for new faculty members.
- Establish a conference organizing support cell as part of the Continuing Education Program (CEP).

Metrics/Targets

- Reduction in average processing times through streamlined systems.
- Continuous improvement in satisfaction survey scores to ensure quality service.
- Tracking and minimizing complaint redressal times for efficient problem resolution.

Goal 4: Entrepreneurship

The institute is committed to fostering a dynamic ecosystem that promotes deeper collaboration with industry through various avenues, including consultancy, sponsored research projects, technology transfer, and continuing education. Efforts are being made to transform classroom learning into a project-based experience, encouraging students to apply theoretical knowledge in practical scenarios.

To drive innovation, the institute organizes TECH FEST, where students are motivated to develop creative solutions, with the best ideas being rewarded and provided with the necessary infrastructure for implementation. Young technocrats are empowered to establish their own ventures, shifting their roles from job seekers to job generators. The institute also provides a strategic platform for start-ups, supporting them in developing innovative ideas into commercially viable products.

Entrepreneurship & Innovation Support

- The Placement Cell offers training and mentorship to help students transform ideas into functional applications and products.
- Initial entrepreneurial awareness is created through awareness camps, guest lectures, seminars, workshops, and skill development programs.
- The institute provides necessary resources and guidance to encourage students to take entrepreneurial initiatives.

Industry Collaboration & Research Initiatives

- The industry-Institute Interaction Cell actively forges partnerships with industries in areas aligned with the institute's expertise.
- Industry collaboration is strengthened through structured student internships and by appointing industry professionals as visiting faculty.
- A significant portion of research will emerge from real-world industry challenges, leveraging faculty engagement with industrial partners.

This holistic approach ensures that students gain hands-on experience, develop entrepreneurial mind-sets, and engage in industry-relevant research, preparing them for leadership roles in the technological landscape.

Metrics/ Measures

Key Result Areas	Measures
Industry Collaboration	Industry supported Labs
	Students Internships
	Knowledge exchange through seminars and workshops
	Faculty as corporate trainer
	Consultancy and testing to industry
	Sponsored and funded collaborative research
	MOUs with premier industries
Innovation and entrepreneurship	Exclusive incubation facility
	Proactive participation of students and faculty
	Focus on product development
Resource & Infrastructure	Exclusive facility for R&D
	Licensed Technologies

Goal 5: Alumni Engagement across the globe

The alumni community has played a pivotal role in the growth and evolution of the institute, with their achievements serving as a source of pride and inspiration. Alumni contributions have had a significant impact on society, and the institute is committed to fostering stronger alumni relations through active engagement and meaningful initiatives. The institute plans to establish active alumni chapters in various cities across India, encouraging alumni to contribute towards achieving the institute's long-term goals. Alumni donations will support the creation of new infrastructure, such as a Convention Centre and Innovation Centre, and enhance student facilities and counselling services.

The Alumni Network will play a crucial role in identifying and attracting young researchers and academics for faculty positions, strengthening the institute's intellectual ecosystem. Recognizing the distinguished accomplishments of its alumni, the institute regularly organizes events and

interactions to engage with alumni across India and globally. A dedicated committee manages alumni relations, ensuring a two-way engagement model that benefits both alumni and the institute.

Commitment to Lifelong Engagement

The institute is committed to maintaining lifelong connections with all graduates, who will always remain a part of the GEC family. The engagement strategy focuses on providing value-added support for alumni in their careers through:

- Specialized training programs
- Guest lectures and access to cutting-edge research
- Networking opportunities with peers, faculty, and industry leaders
- Alumni visits to hostels and departments, offering chances to engage with students and faculty
- Opportunities to participate in research and educational initiatives

Action Points

- Establish an Alumni Centre at the institute to facilitate alumni visits, activities, and engagement.
- Launch lifelong learning modules targeted at alumni for continued education and professional development.
- Implement various modes of alumni interaction, including:
 - Alumni-student mentorship programs
 - Alumni-faculty collaborations
 - Alumni contributions to curriculum development
 - Alumni support for student placements and internships
 - Alumni involvement in Department Advisory Committees
 - Alumni participation in enhancing the innovation ecosystem
- Engage alumni as adjunct faculty members to leverage their expertise in academia and industry.