



KING GEORGE'S MEDICAL UNIVERSITY

UTTAR PRADESH LUCKNOW INDIA

ESTD 1905

INTERNAL QUALITY ASSURANCE CELL



6.5.3 - Impact analysis of the various initiatives carried out and used for quality improvement

2019-2024

At King George's Medical University the pursuit of excellence is driven by a systematic alignment with its mission and national accreditation parameters. Regular internal reviews, feedback analyses, regulatory guidelines, and stakeholder consultations are rigorously integrated into our quality assurance processes to critically identify gaps across academic, research, clinical, infrastructural, and student support domains. This structured approach ensures that deficiencies are not viewed merely as shortcomings, but as opportunities for strategic improvement. Guided by clearly defined accreditation benchmarks, targeted actions are formulated and implemented, fostering a culture of continuous innovation, transparency, and measurable enhancement. The comprehensive impact analysis outlined in the following table exemplifies how this outcome-based, accreditation-linked quality cycle propels KGMU toward sustained academic leadership, cutting-edge healthcare delivery, robust research output, and holistic institutional development.

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Gap Identified	Action Taken	Outcome / Impact
Curriculum expansion and enrichment needed.	54 new programs introduced; increased seats from 771 to 1048.	Enhanced academic diversity and increased enrollment.
Implementation of regulatory curriculum reforms.	Structured rollout of CBME, electives, AETCOM, SDL, Family Adoption Program; competency-based assessment for UG/PG/Nursing.	Improved alignment with NMC/INC guidelines; strengthened clinical competency and research output.
Lack of value-added courses (VACs) for skill development.	SOPs developed; 23 VACs including BLS, ATLS, ACLS, and foundation courses offered.	Strengthened clinical skills and professional development.

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Limited exposure through electives.	59 elective courses launched; feedback-driven design.	Fostered flexibility, creativity, and self-directed learning.
Need to enhance simulation and hands-on training.	Expansion of skill labs, simulation-based workshops (ATLS, BLS, Soft Skills, Palliative Care).	Trained over 1400 participants; improved practical skills and patient care.
Promote undergraduate research culture.	Establishment of TRACK group; launch of Medical Research Bulletin; increased ICMR-STs participation.	Rise in UG research projects and 70 publications by MBBS students.



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Absence of structured curriculum feedback system. <i>Dean Quality Control, Clinical Audit, Accreditation & Future Planning</i>	Validated digital feedback mechanism institutionalized.	Data-driven curriculum improvements and enhanced stakeholder satisfaction. <i>Archana Registrar King George Medical University Lucknow</i>
Lack of standardization in examinations.	Digitalized thesis submission; exam blueprinting; MCQ section added; double evaluation introduced.	Increased exam transparency, objectivity, and quality assurance.
Weak research and innovation ecosystem.	Established IPMC; techno-legal support for IP filings; Cochrane India Centre created.	Boosted patents, faculty research awards; emergence of startups.
Need for greater collaboration.	MOUs with national and international bodies; RRTC and telemedicine initiatives.	Strengthened research partnerships and healthcare delivery systems.



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Infrastructure limitations impacting services.	₹118 crore utilized for new construction, expansion, land procurement.	Expanded patient care and academic spaces.
Poor faculty and student accommodation.	New hostels, faculty housing under Amrapali Yojna.	Enhanced residential facilities and satisfaction.
Inefficient IT and digital systems.	Upgraded IT infrastructure, LMS, biometric systems, SAMARTH Portal.	Streamlined operations, improved governance, enhanced digital presence.
Inadequate library digitization.	KOHA LMS implementation, digital resource subscription, RFID tagging.	Improved access to academic resources; greater resource utilization.



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Weak hospital and laboratory accreditation status.	NABL, ISO certifications initiated across labs and departments.	Standardized quality diagnostics and patient care.
High rates of Hospital-Acquired Infections (HAIs).	Launched Antimicrobial Stewardship Program, enhanced protocols.	Controlled over 20 infectious outbreaks; improved patient outcomes.
Insufficient extracurricular support for students.	Strengthened Deanship of Student Welfare, cultural and wellness programs organized.	Holistic student development and engagement.



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Absence of structured mentorship.	Mentor-Mentee Program with SOPs implemented.	Improved academic support, career guidance, and student confidence.
Lack of merit scholarships.	Partnership with Kotak Education Foundation.	Scholarship support initiated for meritorious female MBBS students.
Lack of student governance.	Student Council formed following Lyngdoh Committee recommendations.	Strengthened student leadership and participatory governance.
Limited student affiliations to national bodies.	Bharat Scouts & Guides unit initiated at KGMU.	Broader student engagement and leadership building.



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Placement support gaps for nursing graduates.	Special placement drives conducted.	165 students placed across premier institutions.
Absence of structured mental health support.	Student Counseling Centre established under Psychiatry Department.	Over 200 students benefitted; improved mental health support.
Low alumni engagement.	"Connecting Minds and Empowering Medicine" event held.	Strengthened alumni relations and future contribution avenues.
Weak digitization of administrative processes.	E-office, E-sanjeevani, POS systems, Biometric Attendance linked to salary.	Enhanced efficiency, transparency, and service quality.



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Need for increased CSR funding.	CSR partnerships with Aditya Birla, Kotak Mahindra Bank secured.	Infrastructure enhancement through non-government funding.
Manual drug distribution and inventory challenges.	Digitized E-Hospital inventory and expanded HRF outlets.	Improved availability of quality medicines and transparency.
Need to enhance women empowerment initiatives.	Women Empowerment Cell (Mahila Addhyan Kendra) established.	Conducted 42+ programs promoting women's health, education, and empowerment.



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High electricity costs and sustainability concerns.	Installed solar panels with 2307 KVA capacity; solar kitchen initiated.	Reduced energy costs and improved environmental sustainability.
Water conservation gaps.	Repurposing swimming pool water for landscaping.	Promoted efficient water use and environmental responsibility.
Need for improved green cover.	Development of 40 lawns and a medicinal garden.	Enhanced campus aesthetics and biodiversity.
Absence of regular audits.	Conducted energy and environmental audits.	Better resource allocation and conservation.



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Inadequate disabled-friendly infrastructure.	Tactile paths, disabled-friendly washrooms, Divyaang-run centers.	Improved inclusivity and accessibility.
Need for community outreach via media.	Community Radio "Radio Goonj" operational since 2022.	50+ outreach programs, 300+ expert talks conducted.
Limited organ transplant and body donation facilities.	Organ transplant services and Dehdaan initiative expanded.	Enhanced clinical services and support for medical education.
Need to strengthen institutional identity.	Creation and adoption of KGMU Kulgeet.	Fostered unity and institutional pride.



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