

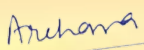


King George's Medical University Lucknow UP

Impact Analysis Report




Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning


Registrar
King George Medical University
Lucknow




IQAC Co-Ordinator
KGMU, Lucknow

Impact Analysis Reports

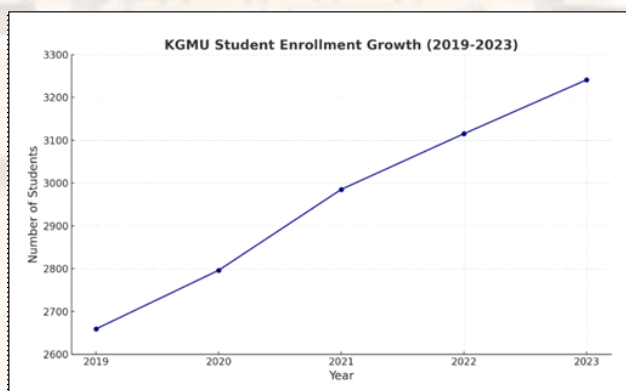
Curriculum Enrichment

Augmenting Programs and Seat Availability

Year	Number of New Programs Added	Details	Total Number of Programs
2019-2020	31	1 MD, 1 MDS, 18 PDCC, 11 Fellowships	92
2020-2021	2	1 DM, 1 PDCC	94
2021-2022	14	1 MD, 1 MS, 6 PDCC, 6 Fellowships	108
2022-2023	6	1 MD, 1 MDS, 1 MCh, 3 DM	114
2023-2024	1	1 PDCC	115

To expand academic offerings and seat availability, proposals were submitted after approval by the Board of Studies and Executive Council, then forwarded to statutory authorities. Between 2019 and 2023, KGMU introduced 54 new programs, increasing the total from 92 to 115. These included MD, MS, MDS, DM, MCh, PDCC, and Fellowship programs. With strengthened faculty and clinical infrastructure, the

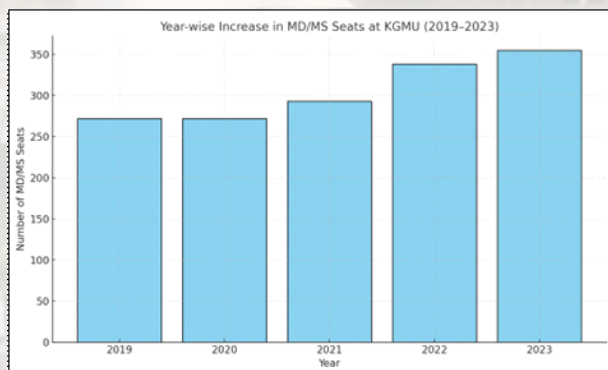
Table showing introduction of new programs year-wise (2019-2023)
number of intake also rose from 862 in 2019 to 1,040 in 2023.



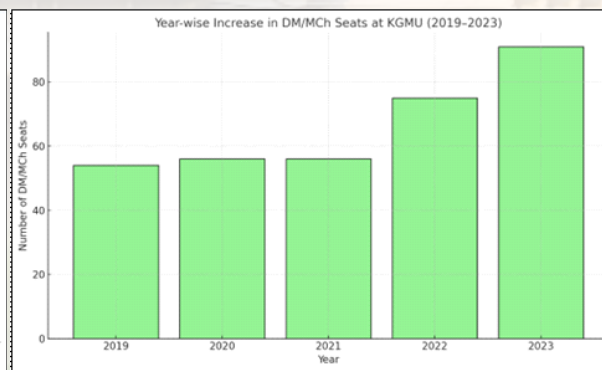
[Signature]
Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

[Signature]
Registrar
King George Medical University
Lucknow

Yearwise increase in total enrolled students from 2019 till 2023



**Increase in sanction Seats in
MD/MS Programs 2019-2023**

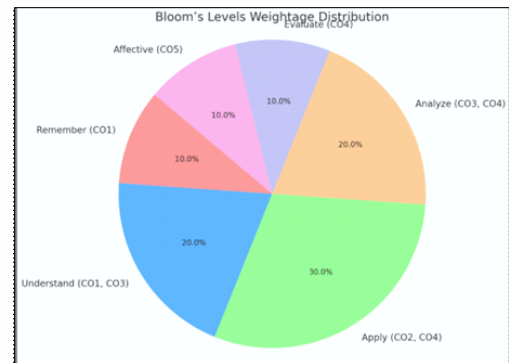


**Increase in sanctioned seats in
DM/MCh programs (2019-2023)**

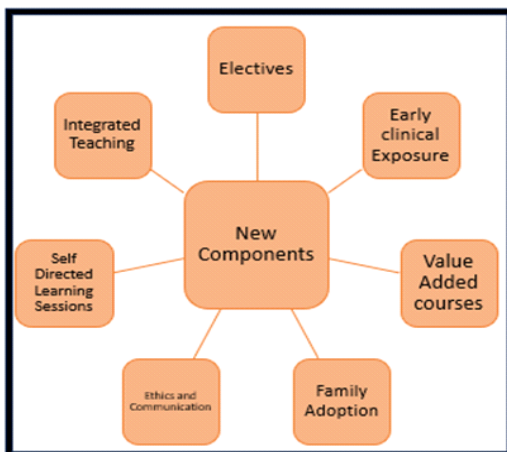
[Signature]
IQAC Co-Ordinator
KGMU, Lucknow

Curriculum Reforms: Advancing Quality Education Through Structured Implementation

In response to evolving societal health needs and mandates from the National Medical Commission (NMC), Dental Council (DCI) and Indian Nursing Council (INC), there was a pressing need to align existing curricula with competency-based and outcome-oriented education standards. Mapping of program and course outcomes were done in accordance with Bloom's taxonomy and program attainments were also evaluated for assessing successful implementation.



Graphical representative of program and course outcomes of MBBS program according to Bloom's Taxonomy



New Components added in Undergraduate Curriculum

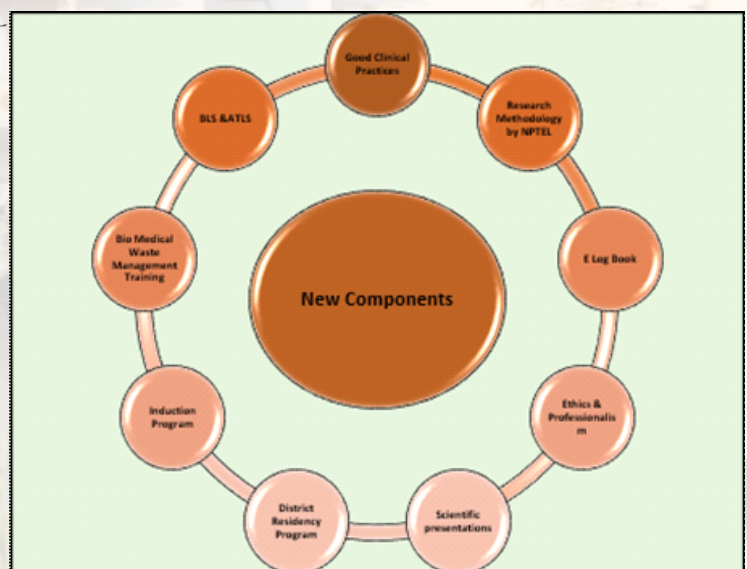
To Curriculum Committee adopted a phased and structured approach. Faculty were trained extensively to support smooth implementation. The MBBS 2019 curriculum was enhanced with clearly defined competencies, integrated modules, AETCOM, electives, extracurricular activities, Self-Directed Learning (SDL), Early Clinical Exposure (ECE), and a focus on formative assessments with logbook maintenance. In 2021, the Family Adoption Program was implemented to strengthen community engagement.

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Registrar
King George Medical University
Lucknow

By 2023, revised competency-based curricula were rolled out for postgraduate broad and super-specialty programs, applied retrospectively to the 2021 batches. All postgraduate students completed mandatory courses in Research Methodology (via SWAYAM), Good Clinical Practice, Ethics, Basic Life Support (BLS), Advanced Trauma Life Support (ATLS), Biomedical Waste (BMW) management, and modern teaching methods.

IQAC Co-Ordinator
KGMU, Lucknow



New Components introduced in Postgraduate Curriculum amounting to more than 70% revision in previous syllabus

These reforms significantly strengthened academic quality and learner engagement. By 2023, 65% of postgraduate students had published research articles in indexed journals, indicating strong academic output. Continuous assessment and structured clinical exposure enhanced both undergraduate and postgraduate training, aligning the institution with national educational goals.

Enhancing Clinical Competency Through Value-Added Courses



While the core curriculum provided foundational medical knowledge, there was a growing need to enrich academic programs with practical, skill-based training that aligned with real-world clinical demands. A lack of structured, standardized approaches to supplementary learning was observed, especially in critical areas like emergency care, patient safety, and healthcare management.

To address this, the Curriculum Committee developed Standard Operating Procedures (SOPs) for the design, implementation, and evaluation of Value-Added Courses (VACs). These SOPs defined course structure, coordination processes, assessment protocols, and certification standards to ensure consistency and quality across programs.

Currently, 51 VACs are being offered across undergraduate and postgraduate levels. Out of which 35 are added during the reassessment period including customized foundation courses for MBBS, BDS, BSc, PG, and PhD students to facilitate a smoother transition into academic and clinical environments. These courses emphasize orientation to clinical responsibilities, ethics, communication, and healthcare delivery systems.

- ATLS Instructor
- ATLS Provider
- Basic Cardiopulmonary Life Support
- Basic Life Support (BLS)
- Pediatric Basic Life Support
- Advanced Cardiovascular Life Support (ACLS)
- Comprehensive Cardiopulmonary Life Support Course (CCLS)
- Hands-on Training on First Aid
- Emergency Obstetrics Care

Life Support and Emergency Care Training



[Signature]
Dean

Quality Control, Clinical Audit,
Accreditation & Future Planning

- Comprehensive Abortion Care (CAC) (SIFPSA)
- WHO-First Trimester Comprehensive Abortion Care (CAC) Training
- Certificate Course in Community Health for Nurses (CCHN)
- Postpartum Intrauterine Contraceptive Device (PPIUCD) Training
- Postpartum Mini Laparotomy (PPML)
- Postpartum Sterilization Refresher Course
- LAP Induction Training

Public Health and Reproductive Health Programs



[Signature]
Registrar
King George Medical University
Lucknow

- Foundation Course (MBBS)
- Foundation Course (Nursing)
- Foundation Course (BDS)
- PG Foundation
- Ph.D. Foundation Course

Foundational Courses



[Signature]
Registrar

IQAC Co-Ordinator
KGMU, Lucknow

- Forensic Odontology
- Digital Dentistry Course
- Health/Nursing Informatics & Technology
- Biomedical Waste Management
- Integrated Management of Neonatal and Childhood Illness (IMNCI)
- Surgical Education Programme (SEP)
- Palliative Care (Medical and Paramedical)
- Facility-based Newborn Care & Essential Newborn Care (FBNC & ENBC)

Skill Enhancement and Specialization Courses



- Behavioural Sciences
- Communication & Educational Technology
- English (Nursing & General)
- Ethics
- Science Humanities Symbiosis : Effective Patient Dialogue for Dental Undergraduates

Communication, Behavioural and Ethical Skills



- Hands-on Training on Health Assessment
- Laparoscopic Ligation (LAP)

Health Assessment and Practical Skills



Value added courses offered by the University

Around 45% students successfully completed the courses. The structured introduction of VACs has significantly improved student preparedness, clinical competence, and confidence in handling real-life scenarios. Students report enhanced understanding of emergency protocols and better patient interaction skills. The initiative aligns with institutional goals of fostering high-quality, ethically sound, and practically trained healthcare professionals, ready to meet evolving healthcare challenges.

Introducing Credit based and Elective Courses to Broaden Academic and Clinical Exposure

As part of the B.Sc. Nursing curriculum, students are required to complete three elective modules across different phases of their course, with each module carrying 1 credit (20 hours). The electives are strategically designed to enrich the students' professional competencies, personal development, and healthcare delivery skills.



The traditional medical curriculum, while comprehensive, offered limited flexibility for students to explore individual academic interests or gain exposure to emerging and interdisciplinary areas. There was a need to introduce structured elective courses that promote

self-directed learning, creativity, and broader clinical and academic perspectives.

Electives were introduced in 2019 by NMC. To address this, an Elective Designing Workshop was organized to train faculty in conceptualizing and developing elective modules. This capacity-building initiative emphasized innovation, relevance, and student engagement. Following the workshop, Standard Operating Procedures (SOPs) were developed and approved by the Curriculum Committee. These SOPs standardized the process for creating, submitting, and evaluating elective proposals, ensuring academic rigor and uniform implementation.

The electives offered to MBBS students span a wide spectrum of medical education, integrating foundational sciences, clinical diagnostics, surgical skills, public health, and specialized fields. Students gain hands-on experience in areas such as genetics, oncology, trauma care, neonatology, endoscopy, and psychiatric care. Emphasis is also placed on research methodology, ethics, and interprofessional education, preparing students for holistic patient management. These electives foster critical thinking, clinical acumen, and academic growth, equipping future doctors with advanced competencies and a multi-dimensional understanding of healthcare delivery.

Discussion during Cytogenetics Elective Coursework



Hands-on training on PCR & RT-PCR machines during Molecular Biology Elective Coursework



Hands-on training on Pipetting and Electrophoresis during Cytogenetics Elective Coursework



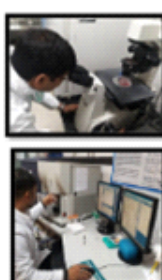
Teaching MBBS Students during Elective Coursework



DNA sequencing, genetic profiling, genetic mapping, structural and functional analysis of genome



Cancer Stem Cell characterization in OSCC and breast cancer and its role in cancer prognosis.



Forensic Finger Printing Lab, presently at FMT



Seminar and Journal Club



Chromosomal analysis for prenatal samples, peripheral blood, bone marrow, lymphoma, and solid tumors.



Glimpses from Elective posting of MBBS students in Center for Advanced Research 2023 (CFAR) : exposure to advance research techniques

As

Dean

Quality Control, Clinical Audit,
Accreditation & Future Planning

Archi

IQAC Co-Ordinator
KGMU, Lucknow

Archi

Registrar
King George Medical University
Lucknow

A total of 59 elective courses were developed under the Faculty of Medical Sciences. These were divided into two blocks—28 courses in Block I and 31 in Block II. Later in 2023, the elective modules were increased from 31 to 47 in block II. The electives covered a wide range of topics designed to complement the core curriculum and encourage interdisciplinary exploration. Block I was implemented from February 23 to March 25, 2023. During this period, 250 students from the MBBS 2019 batch participated, selecting electives based on their interests and career aspirations. Structured feedback was collected from both students and faculty to evaluate course content, delivery methods, and overall impact.

In addition to elective postings in broad speciality departments, postgraduate programs also developed SOP's and elective modules. The initiative received overwhelmingly positive feedback from students, who appreciated the opportunity to engage with diverse subjects and non-traditional learning formats.

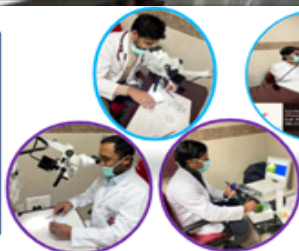
Enhancing Skill-Based Training for Students and other Healthcare Providers

Despite a strong theoretical foundation, there was a recognized need to strengthen skill-based training to meet the evolving standards set by the regulatory bodies. Hands-on, simulation-based education was limited, resulting in inconsistencies in practical competencies across student and healthcare provider groups.



Skill Lab practice for residents:

- Microscope & Endoscope use
- Micro suturing on gloves
- Endoscope simulation on Papaya, Capsicum



Skill learning workshop session:
MICRO-VASCULAR SUTURING



Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

IQAC Co-Ordinator
KGMU, Lucknow

Developing Dissection Skills(Department of Anatomy)
Group Slide Discussion (Department of Clinical Hematology)
Department of Neuro Surgery

Registrar
King George Medical University
Lucknow

To address this, the institute made strategic investments in expanding and upgrading its skill training infrastructure. The Central Skill Training Centre was equipped with advanced simulators and training models, including new units such as the Neurosurgery Microscopic Vascular Anastomosis Lab, Endoscopic Skill Lab, Ophthalmology Surgical Skill Lab, and the Autonomic Function Lab in Physiology



Hands-on training for Micro neuro vascular anastomosis



Undergraduate Skill Training Session on Manikins (Department



Suturing skills practice



Skill Lab Training Session for Residents (Department of General

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Registrar
King George Medical University
Lucknow

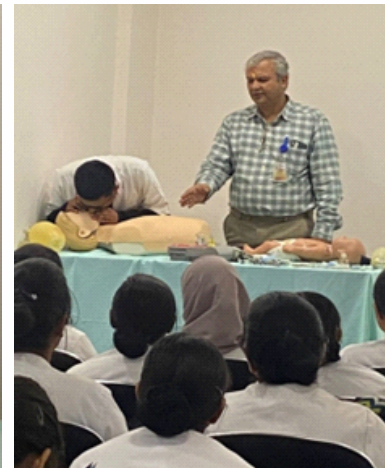
Faculty and staff underwent instructor training to deliver simulation-based education effectively. Standardized training and assessment modules were developed to ensure consistency in skill development and evaluation. In 2024, the launch of KGMU B.E.S.T (Building Essential Skills through Training) marked a major milestone. This innovative platform integrates simulation-based learning with hands-on practice, enhancing clinical readiness and bridging the gap between classroom theory and patient-centered care.

IQAC Co-Ordinator
KGMU, Lucknow

In 2022 and 2023, the institute conducted a series of targeted workshops, including:



Pregnancy Simulator Training



Paediatrics Basic Life support Training

BLS workshops : 13

ATLS Provider Courses: 8

ATLS Instructor Courses: 5

Biomedical Waste Management sessions: 10

Palliative Care Skills workshops: 5

Soft Skills sessions: 4

Pregnancy Simulator workshops: 2

Paediatric Trauma Resuscitation Module (PTRM) sessions: 2

List of workshops organized by Centre for Advanced Skill Development in 2022-2023 session

These initiatives collectively trained over 1,400 participants, including students, nurses, paramedics, and physicians. The programs significantly enhanced clinical preparedness, improved patient safety practices, and strengthened the overall quality of healthcare delivery. The institutional focus on simulation-based training marks a pivotal shift toward competency-driven medical education.

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Registrar
King George Medical University
Lucknow
IQAC Co-Ordinator
KGMU, Lucknow

Promotion of Research Culture Among Undergraduate Students as per NEP 2020

Despite a strong academic framework, undergraduate research engagement at KGMU was initially limited due to the absence of a structured platform for mentoring and guidance. Early exposure to research methodologies and scientific writing was minimal, leading to underutilization of institutional research resources and missed opportunities for scholarly development among students. To address this gap, King George's Medical University implemented multiple initiatives aimed at fostering a research-oriented culture among undergraduate students:

Formation of TRACK: A dedicated student research group, Trainee Research Association of King George's Medical University (TRACK), was established to mentor, guide, and coordinate UG research efforts. TRACK provided structured mentorship, facilitated workshops, and supported proposal writing and research execution.

Intramural Grants and ICMR-STs Support: Undergraduate students were actively encouraged to submit research proposals for intramural and ICMR Short-Term Studentship (STs) grants. A dedicated Intramural Research Grants Portal was launched to streamline submissions and enhance transparency.

Research Dissemination Platforms: The Medical Research Bulletin was introduced in April 2023 to showcase the scholarly work of both students and faculty, providing visibility and motivation. In addition, the annual Research Showcase event was institutionalized to recognize top student researchers, offering awards and public recognition for high-quality work.

Capacity Building and Mentorship: Regular sessions were organized to train students in research methodology, ethics, and scientific communication, further supported by dedicated faculty mentors.

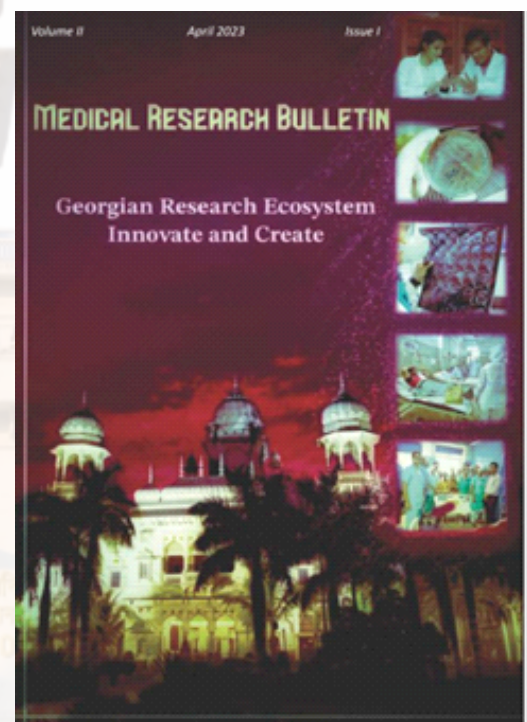
The strategic interventions yielded measurable outcomes between 2020 and 2024:

ICMR-STs: 105 students submitted proposals; 24 received grants.

Intramural Projects: 74 student proposals submitted; 30 approved and funded, with significant increase in 2023–2024.

Independent Publications: 70 original research articles were registered in peer-reviewed journals by students from the 2019 and 2020 batches.

Increased Visibility and Motivation: Student work featured in the Medical Research Bulletin and acknowledged in the Research Showcase fostered academic enthusiasm and peer motivation.



Archi
IQAC Co-Ordinator
KGMU, Lucknow

Institutionalized Curriculum Feedback Mechanism for Continuous Quality Improvement

To address stakeholder expectations and ensure continuous quality improvement in academic programs, an institutionalized feedback mechanism was developed and implemented. In 2021, validated curriculum feedback questionnaire was carefully designed to gather structured, reliable, and actionable input from students on key aspects such as content relevance, teaching methodologies, assessment strategies, and overall learning experience. The tool underwent a rigorous validation process with input from subject matter experts and educational professionals to ensure clarity and relevance. After approval by the Curriculum Committee, a comprehensive system for dissemination and collection was established, utilizing digital platforms for anonymous submissions and aligning feedback windows with academic timelines. An integrated analysis system was put in place to evaluate both quantitative and qualitative data, enabling the identification of strengths and areas for improvement. Based on these insights, targeted interventions were implemented to enhance course content, teaching strategies, and learning resources.

KGMU Feedback Portal


Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning



Student Feedback Curriculum



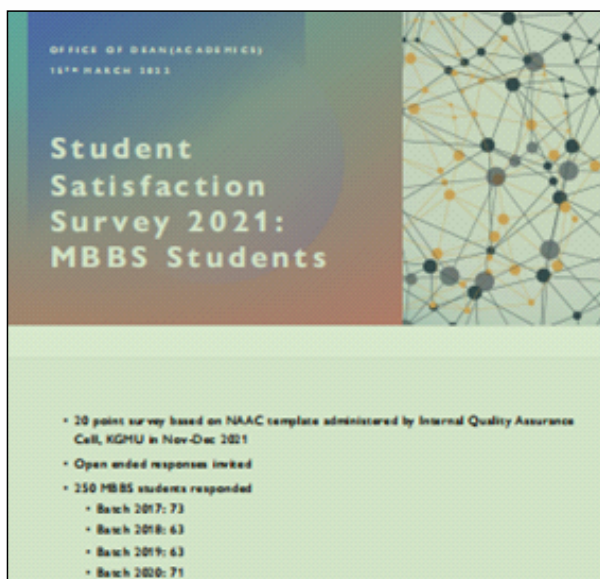
Teaching evaluation by students QR Code


Registrar
King George Medical University
Lucknow

Feedback Based Reforms

The feedback cycle—comprising data collection, analysis, reflection, and corrective measures—ensures ongoing responsiveness and iterative improvement. The system now plays a critical role in aligning academic offerings with learner needs and regulatory standards. Regular review by the Curriculum Committee and academic departments ensures that feedback leads to tangible outcomes. This transparent and structured approach has fostered trust and active participation among students and faculty, reinforcing a culture of quality, responsiveness, and continuous enhancement in the teaching–learning environment.

 TEACHERS FEEDBACK ANALYSIS DATE - 7/6/2022 TO 7/11/2022 RESPONSES - 124	Suggestions Your suggestions (if any) 29 responses None Faculty must be trained in education methodologies on regular basis. The curriculum requires all faculty to ensure that teaching is in accordance to the predefined objectives NA Smart boards, learning with a books, smart dental labs equipped with latest lab equipments. Syllabus is to a large extent governed by nmc but minor changes as per requirement are done by us. NMC has also revised it and made it more practical and useful. Certain competencies are not a part of curriculum... but they are important from Anatomy point of view Everything is ok
--	--



In 2022, faculty feedback highlighted the need for classrooms to be equipped with smart audio-visual (AV) tools and for regular training in modern medical education technologies. Acting on these valuable inputs, the university has successfully upgraded all 77 classrooms with advanced AV aids, ensuring a dynamic and interactive learning environment. Additionally, the Department of Medical Education has initiated structured Faculty Development Programs (FDPs) to continuously train and upskill in-house faculty, fostering excellence in teaching and learning practices._

Student satisfaction Survey 2021

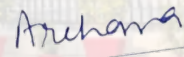
Student feedback

- 1) Be fair to the students irrespective of their surnames/caste.
- 2) Provide students with leisure time and holidays.
- 3) Improve the quality of hostel and education.
- Soft skills must be taught, more time for extracurriculars should be given and spent, focus on betterment of student mental health

Comments given by students

In response to student feedback from the Student Satisfaction Survey 2021, foundation courses have been introduced across all undergraduate programs to strengthen the academic and professional readiness of students. Soft skills training has been integrated as a key component of these courses to enhance communication, teamwork, and leadership abilities. Furthermore, the AETCOM (Attitude, Ethics, and Communication) module has been implemented longitudinally across the curriculum, supported by an e-logbook system to systematically track and assess student competencies.


Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning


Registrar
King George Medical University
Lucknow

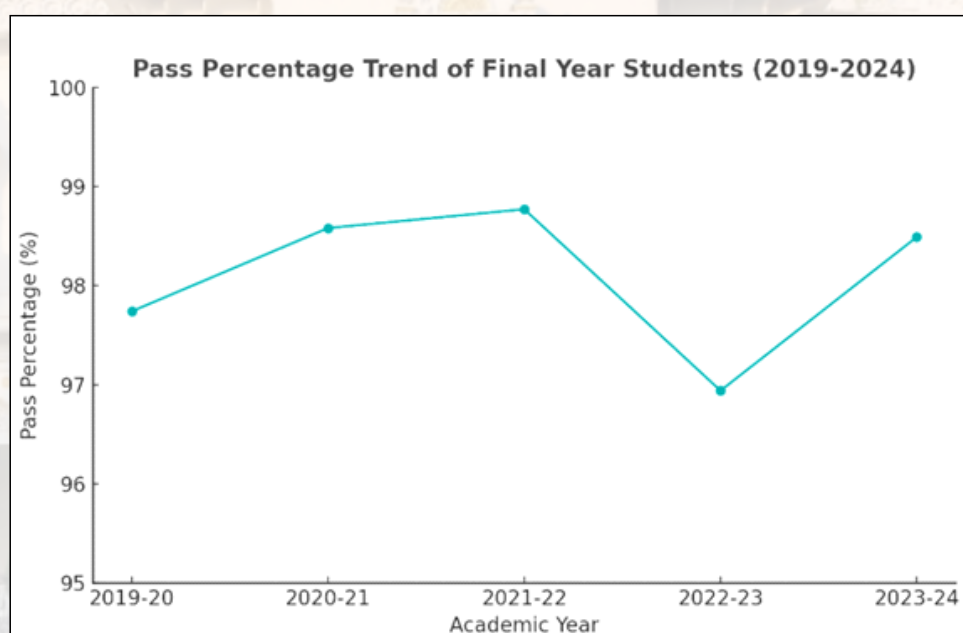

IQAC Co-Ordinator
KGMU, Lucknow

Institutional Reforms for Strengthening Academic Excellence and Examination Transparency



I. Consistent Academic Performance Over Five Years

- Over the past five years, King George's Medical University has demonstrated outstanding academic performance, with final-year pass percentages consistently above 96% across all programs.
- The highest pass percentage was recorded in 2021–22 at 98.77%, a remarkable achievement despite the challenges posed by the COVID-19 pandemic.
- A slight dip was observed in 2022–23 (96.94%), possibly due to transitional curriculum changes; however, the performance remained commendably high.
- Encouragingly, the pass percentage rebounded in 2023–24 to 98.49%, reflecting the university's resilience and commitment to academic quality enhancement.



Overall Average Pass Percentage (2019–24): 97.91%

Dean

Quality Control, Clinical Audit,
Accreditation & Future Planning

IQAC Co-Ordinator
KGMU, Lucknow

Registrar
King George Medical University
Lucknow

2. Examination Process Reforms Based on Stakeholder Feedback

Recognizing the need for greater transparency, standardization, and competency-based assessment, a thorough gap analysis and stakeholder feedback collection exercise was conducted involving students, faculty, examiners, and invigilators.

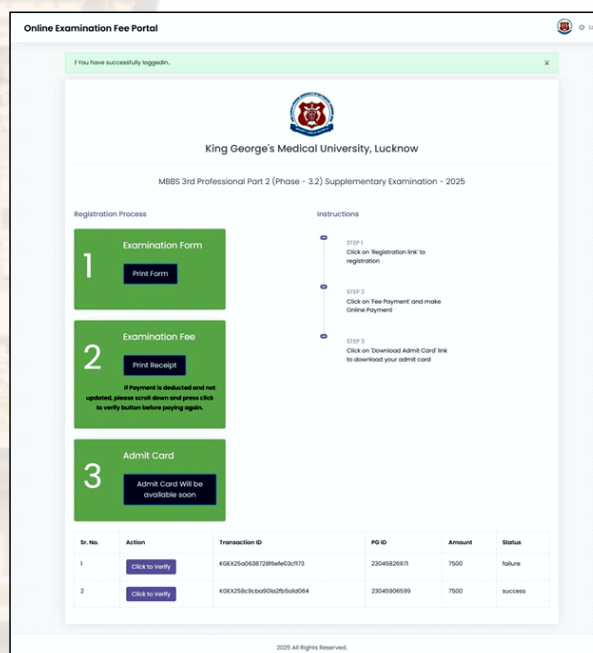
Key gaps identified included:

- Need for objectivity and alignment with learning outcomes
- Delay and inefficiencies in thesis and examination processing
- Risks of malpractice during examinations

3. Key Reforms Implemented

a) Digitalization of Examination Workflow

The entire examination process — from fee submission, admit card issuance, thesis submission and evaluation, to result declaration and degree deposition in DigiLocker — has been fully digitized



Screenshots of Online fee submission Portal Interface

Dean

Quality Control, Clinical Audit,
Accreditation & Future Planning

This shift has ensured increased transparency, streamlined processes, reduced manual errors and faster turnaround times for students

b) Introduction of Blueprinting System

To standardize assessments, a blueprinting framework was introduced for question paper design, ensuring systematic alignment with program outcomes and competencies

Archana
Registrar
King George Medical University
Lucknow

Blue print of Theory Paper for Summative Examination: First phase

Paper/ Section	Type of question	No of questions	Max Marks
Paper 1			
Section A	Q.1 Structured long answer question preferably clinical case based	1	20
	Q.2 Short essay type question	2	20 (10 each)
	Q.3 MCQ	10	10 (1 each)
Total			50
Section B	Q.1 Structured long answer question preferably clinical case based	1	20
	Q.2 Short essay type question	2	20 (10 each)
	Q.3 MCQ	10	10 (1 each)
Total			50



Minutes of Examination Committee Meeting & Proposal for Blueprinting

Benefits: Structured and fair assessments, Improved validity and reliability of exam papers

c) Theory Examination Format Restructuring

- The traditional theory examinations were restructured into three parts, allowing for: A more balanced evaluation of knowledge, application, and analysis.
- Introduction of a dedicated MCQ section, enhancing the objectivity and robustness of student assessment.

d) Strengthening Examination Integrity

To further fortify academic integrity: Double evaluation of answer books was implemented for all MD and MS examinations held in 2024. Enhanced vigilance and invigilator feedback mechanisms were operationalized to minimize malpractice risks.

As

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Arzib
IQAC Co-Ordinator
KGMU, Lucknow

Aruchana
Registrar
King George Medical University
Lucknow

Strengthening Research and Innovation Ecosystem

There was a pressing need to strengthen the research and innovation ecosystem at the university to promote original scientific contributions, foster interdisciplinary collaboration, and enhance institutional visibility nationally and internationally. The University's Research Policy was recently revised and formally approved by the Executive Committee. The updated document serves as a comprehensive guide for all stakeholders, clearly articulating the University's commitment in promoting and supporting research endeavors. It provides structured guidance on conducting high-quality, ethical, and impactful research, thereby fostering a robust research ecosystem within the institution.

KGMU Research Policy



FACULTY-ORIENTED RESEARCH PROMOTION



Dynamic initiatives for faculty to promote high-quality research



Centralized e-portal for grants, ethical approvals, and progress management



Seed grants up to ₹5 lakh, LRA up to ₹ 1,5 lah, awards, and conference support



Collaborative research facilities and global training programs



17 faculty ranked among Top 2% Scientists globally



STUDENT AND SCHOLAR RESEARCH ENGAGEMENT



Structured PhD and MD-PhD programs with mandatory Foundation Course



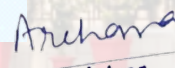
Mandatory GCP and ICMR Ethics training for students



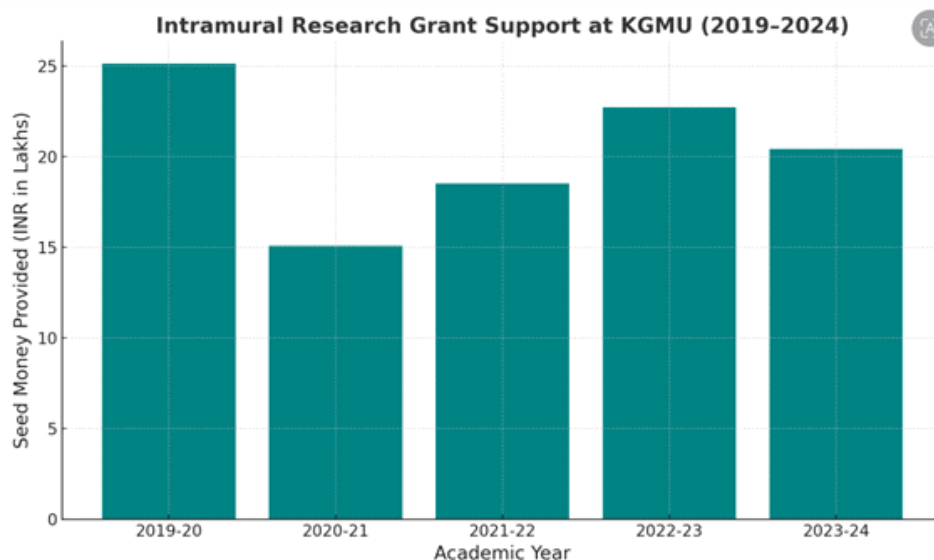
Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning



IQAC Co-Ordinator
KGMU, Lucknow

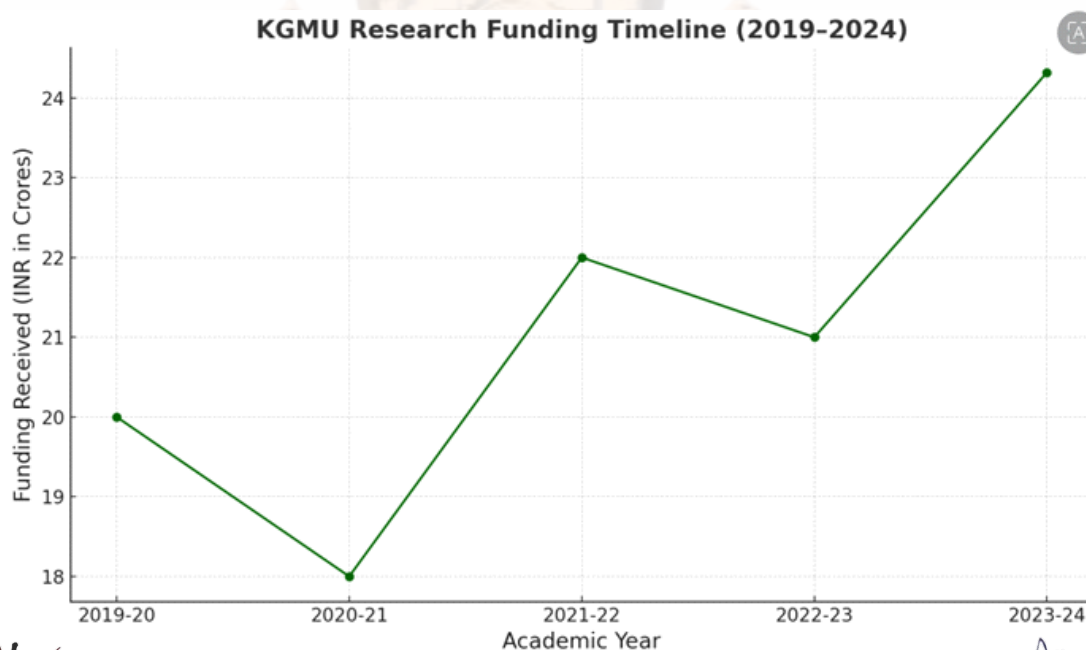


Registrar
King George Medical University
Lucknow



Intramural Research Grant for Faculty and Students

Despite fluctuations, KGMU maintained an average annual intramural research support of Rs. 20.37 lakh over five years. The consistent seed funding underlines our commitment to promote research excellence, innovation, and faculty-driven projects even through challenging periods.



Dean

Quality Control, Clinical Audit,
Accreditation & Future Planning

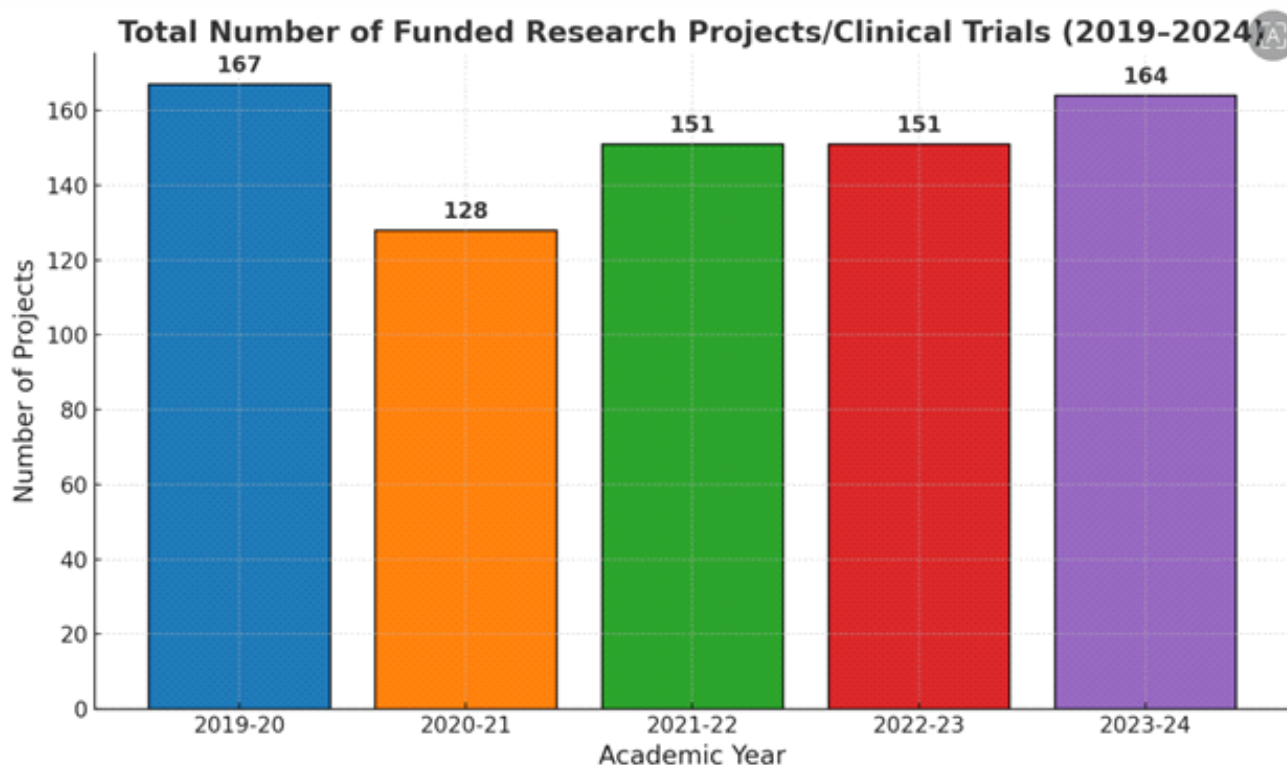
Entramural Research Grant

Over the past five years, King George's Medical University has demonstrated remarkable growth in its research ecosystem, reflected by the substantial funding received through Government and Non Government sources. The University successfully secured major grants from prominent national and international agencies such as ICMR, DBT, DST, WHO, BMGF, and various industry collaborations. These grants supported a wide range of basic, clinical, translational, and public health research initiatives. In total, KGMU received 105.32 crores in research funding during this period, underscoring its reputation as a leading hub for academic excellence, biomedical innovation, and healthcare advancement.

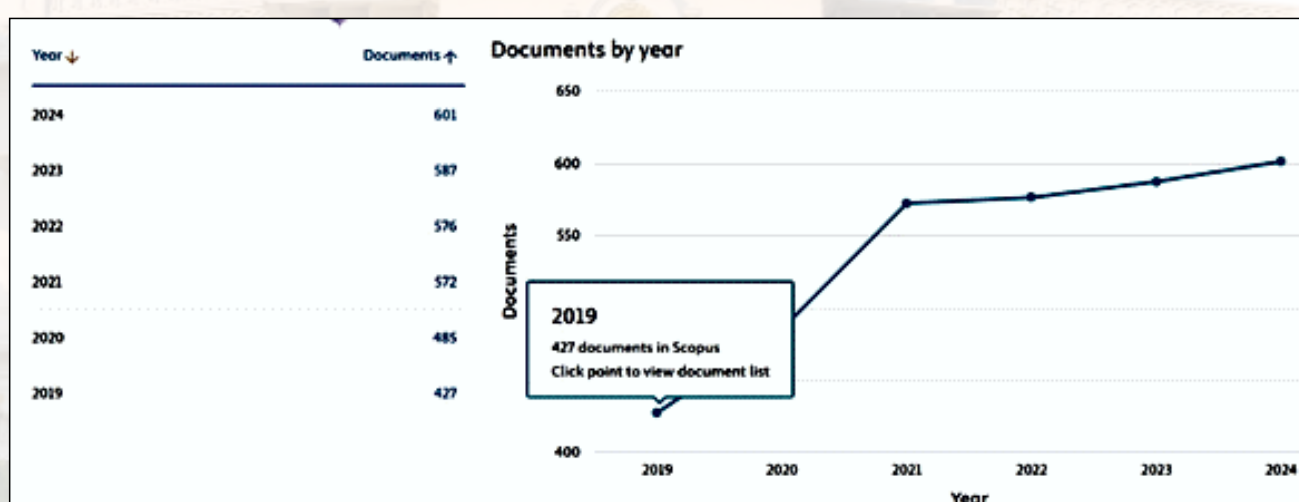
Aruchana

Registrar
King George Medical University
Lucknow

IQAC Co-Ordinator
KGMU, Lucknow



Over the past five years (2019–2024), King George's Medical University (KGMU) has demonstrated strong research productivity, with the number of funded research projects and clinical trials consistently ranging between 128 and 167 each year. The highest number of projects was recorded in 2019–20 (167 projects) and 2023–24 (164 projects), reflecting sustained research engagement. Although there was a slight dip in 2020–21, likely due to the disruptions caused by the COVID-19 pandemic, the numbers quickly recovered and stabilized in subsequent years. Since 2022 seventeen faculty members were recognized in the Stanford University & Elsevier Top Scientist List, reflecting KGMU's growing research influence.



Publication trend of KGMU over part 5 years

As
Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

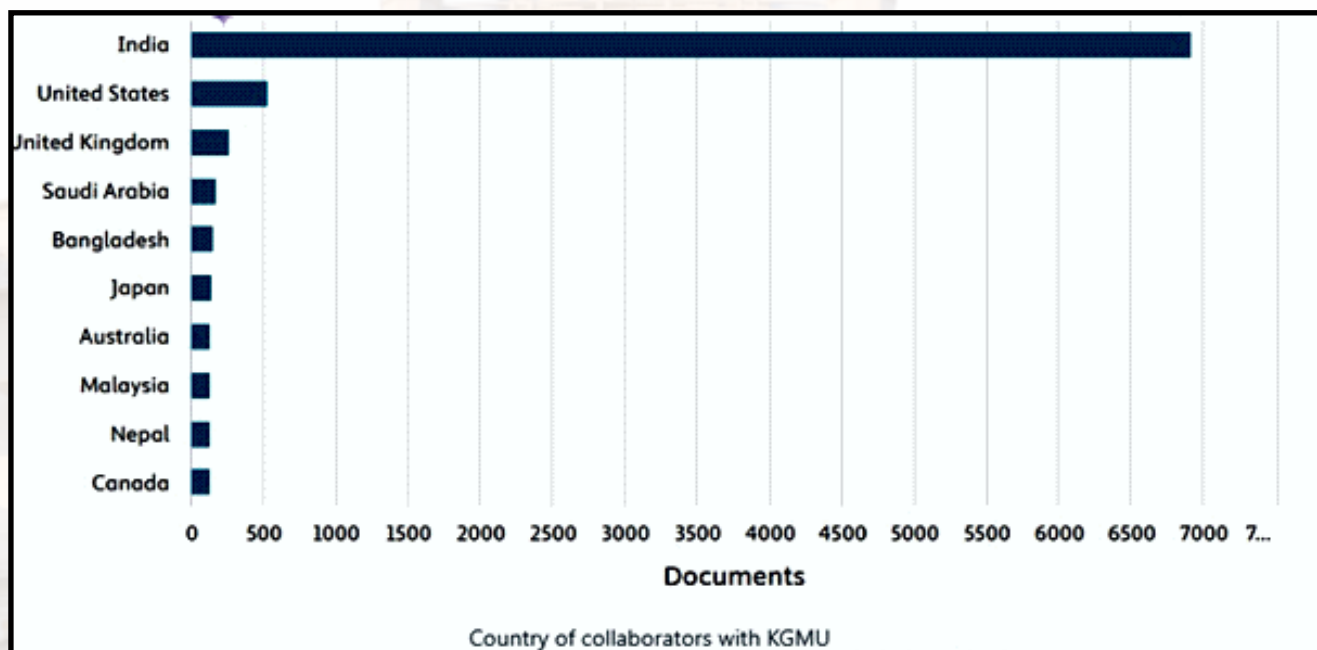
Arshad
IQAC Co-Ordinator
KGMU, Lucknow

Arshad
Registrar
King George Medical University
Lucknow

SDG contributions

 Goal 1: No poverty	17 documents	 Goal 10: Reduced inequalities	38 documents
 Goal 2: Zero hunger	70 documents	 Goal 11: Sustainable cities and communities	43 documents
 Goal 3: Good health and well-being	4,560 documents	 Goal 12: Responsible consumption and production	22 documents
 Goal 4: Quality education	35 documents	 Goal 13: Climate action	8 documents
 Goal 5: Gender equality	60 documents	 Goal 14: Life below water	4 documents
 Goal 6: Clean water and sanitation	37 documents	 Goal 15: Life on land	5 documents
 Goal 7: Affordable and clean energy	15 documents	 Goal 16: Peace, justice and strong institutions	49 documents
 Goal 8: Decent work and economic growth	25 documents	 Goal 17: Partnership for the goals	17 documents
 Goal 9: Industry, innovation and infrastructure	25 documents		

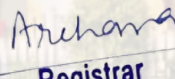
Contribution of KGMU research in SDG



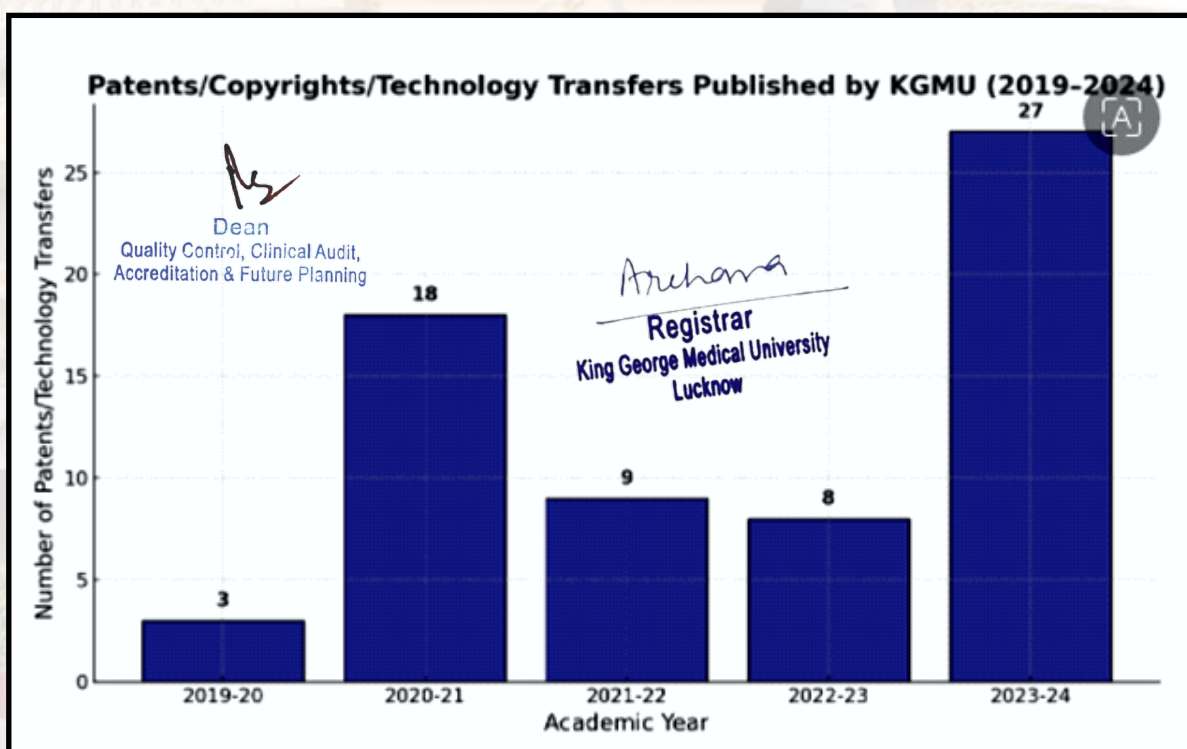
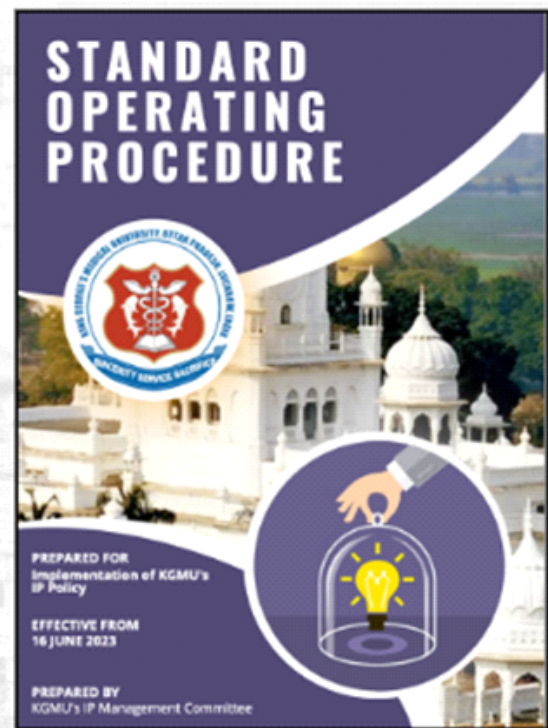
Collaborations of KGMU


 Dean
 Quality Control, Clinical Audit,
 Accreditation & Future Planning


 IQAC Co-Ordinator
 KGMU, Lucknow


 Registrar
 King George Medical University
 Lucknow

Limited institutional support for intellectual property (IP) creation and management posed a significant barrier to innovation. To address this, an Intellectual Property Management Cell (IPMC) was established, and KGMU's Intellectual Property Policy was formally implemented on September 9, 2022. An Intellectual Property Management Committee, chaired by the Hon'ble Vice Chancellor, was formed in December 2022 to guide and operationalize IPMC activities. The IPMC began offering techno-legal support and organized awareness sessions on intellectual property in medicine, encouraging faculty to file patents, copyrights, and design registries



Over the past five years, King George's Medical University (KGMU) has made significant strides in intellectual property generation, with a total of 65 patents, copyrights, and technology transfers recorded. A steady upward trend is evident, particularly in 2023–24, which saw the highest output with 27 filings, reflecting enhanced research productivity and innovation initiatives. Earlier years showed consistent progress, with 18 filings in 2020–21, 9 in 2021–22, and 8 in 2022–23, compared to only 3 in 2019–20.

The university is now emerging as a hub for biomedical innovation, with five startups launched since 2019.



Summer Immersion 2019

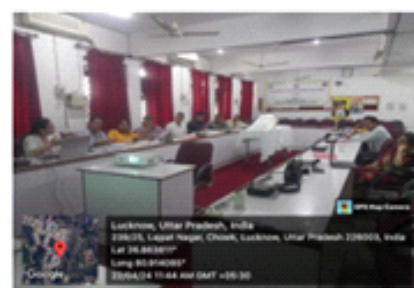


Enhancing Collaborations at State, National, and International Levels

To strengthen academic, clinical, and research capacities, there was a recognized need to increase collaborations at the state, national, and international levels. In response, KGMU signed several Memoranda of Understanding (MoUs) with government and non-government organizations to drive impactful health-related outcomes.

A flagship initiative is the Regional Resource Training Centre (RRTC) program, under which KGMU partners with five district hospitals to improve emergency obstetric and neonatal care. Now in its third phase, the program has led to better management of obstetric complications and reduced referrals, contributing to a decline in maternal and neonatal mortality.

Programs Conducted Under the Scheme of RRTC



MENTORING VISIT (ROUND 2 OF PHASE 3) BY RRTC-KGMU FACULTY TO DISTRICT WOMEN HOSPITAL, SITAPUR

MENTORING VISIT (ROUND 3 OF PHASE 3) BY RRTC-KGMU FACULTY TO COMBINED DISTRICT HOSPITAL, SHRAVASTI



GENERAL SURGEON TRAINING AT RCH COMMITTEE HALL, QMH, KGMU

King George's Medical University in collaboration with the University of Manitoba, Canada, is establishing the Center of Health Innovation — a dedicated Data Science Centre aimed at transforming healthcare delivery through advanced data analytics. Modeled after leading international facilities, the Centre will capture and analyze clinical data, genomic information, and familial health patterns to enhance risk assessment and disease profiling. Initially focusing on Subacute Sclerosing Panencephalitis (SSPE), vaccine-preventable diseases, and maternal health analytics, the Centre will significantly boost KGMU's research capabilities while enabling government agencies to monitor public health trends more effectively. With expert-led training programs already underway, the initiative promises to pave the way for predictive healthcare tools and potentially expand its impact to other cities based on the project's success.

Dean

Quality Control, Clinical Audit,
Accreditation & Future Planning

Registrar
King George Medical University
Lucknow

IQAC Co-Ordinator
KGMU, Lucknow

Recognized as a Center of Excellence for Telemedicine by the Uttar Pradesh government, KGMU successfully rolled out Telemedicine Platform Version 2.0, facilitating over two lakh consultations. The integration of the E-Sanjeevani module has extended healthcare services to Health and Wellness Centers (HWCs), Primary Health Centers (PHCs), and Community Health Centers (CHCs) across Uttar Pradesh. Through the HealthRADAR initiative, services have expanded to diverse populations, including those in correctional facilities. Internationally, KGMU has collaborated with IGC Hospital in Kabul and engaged in tele-education partnerships with leading Indian medical institutions. Efforts toward capacity building have strengthened nursing skills and community outreach. Embracing innovation, KGMU has pioneered platforms like E-Sanjeevani and integrated AI and ML tools to enhance healthcare accessibility, quality, and efficiency, setting new benchmarks in digital healthcare excellence.



Dr. S. K. Misra
IQAC Co-Ordinator
KGMU, Lucknow

Archan
Registrar
King George Medical University
Lucknow

Dr. S. K. Misra
Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

**Visit by Dr S. K. Misra at Hub for expansion and
to assess quality of consultations in 2024**

Infrastructure and Learning Resource Improvements at KGMU

To meet the demands of a growing patient population, expanding academic programs, and emerging healthcare challenges, King George's Medical University (KGMU) embarked on a comprehensive infrastructure expansion and modernization strategy over the last five years.

Clinical and Patient Care Infrastructure: Recognizing the urgent need for advanced clinical services, KGMU operationalized several high-impact facilities, including the Orthopaedics Super Specialty Centre, a 100-bedded MCH Wing at Queen Mary Hospital, 4 Modular Operation Theatres with Hyperbaric Oxygen Therapy, new ICUs, HDUs, and a 92-bedded ICCU Wing in Cardiology. Diagnostic capacities were strengthened with the installation of 3 Tesla MRI, 160 Slice CT Scan, PET Scan, and SPECT CT systems. Specialized centers such as the Integrated Precision Medicine Unit, Pulmonary Rehabilitation Centre, and Diabetic Retinopathy Centre were inaugurated to enhance focused healthcare delivery.

In response to the COVID-19 pandemic, a 980-bedded Dedicated COVID Hospital, Pediatric COVID ICU, and upgraded ICUs with HEPA filters were established. Oxygen infrastructure was also fortified with Liquid Medical Oxygen (LMO) plants and Medical Oxygen Generation Plants to ensure emergency readiness.

Expansion of Regional and Emergency Services: New services, such as Pediatric Orthopedic Trauma Services and Specialty Care outreach to PHCs, were introduced. Advanced ambulances and hearse vans enhanced patient transport capabilities, while specialized procedures in pulmonary medicine, neurosurgery, and gastroenterology expanded critical care services.

Diagnostics and Laboratory Enhancements: The establishment of the Oral Cancer Detection Clinic, Analytical Toxicology Lab, and strengthened neonatal hearing screening services further supported diagnostic excellence and early intervention efforts.

Accommodation and Learning Resources for Faculty and Students: Parallel efforts were made to enhance academic and residential infrastructure. Under the Amrapali Yojna, faculty housing at Hardoi Road was developed and fully occupied. Major upgrades were completed for the D.K. Hostel, Ladies Hostel, SP Hostel, and the newly constructed VL Hostel. Additional infrastructure such as a New Hostel for Nursing Students and a New Hostel for Lady Residents has significantly improved the residential capacity, safety, and quality of life for students and staff.

Strategic Infrastructure and Equipment Expansion: Following a structured needs assessment, over Rs. 118 crore was invested in major construction and renovation projects, with additional land acquisition (approximately 7 acres) to ensure long-term scalability. Projects included the development of sewage treatment plants, a new ramp at Centenary Hospital Phase-2, the Centre for Orthopaedic Super Specialties, and the Satellite Centre at

Balrampur. A Rs.50 crore equipment budget for 2023–24 was fully utilized to procure advanced healthcare technology.

Proposals are underway for major future expansions, including a 370-bedded surgery department, a new administrative block, and expanded trauma and diagnostic facilities, ensuring that KGMU remains future-ready.

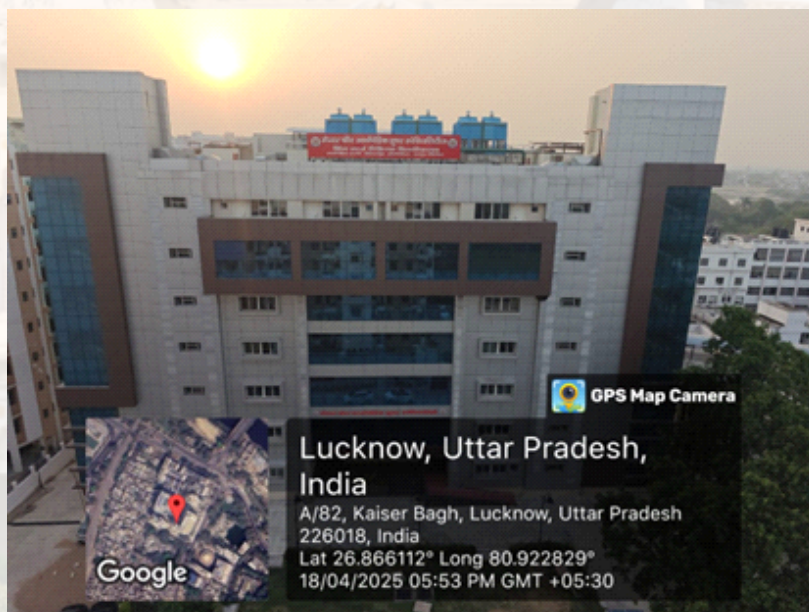
These targeted interventions have greatly enhanced KGMU's patient care capabilities, clinical efficiency, academic environment, and regional healthcare outreach. Today, KGMU stands as a model institution offering integrated, high-quality, and resilient healthcare and academic services, equipped to address both routine and emergent health challenges.



New Hostel for Nursing students



New Hostel for Lady Residents



As

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Arzib

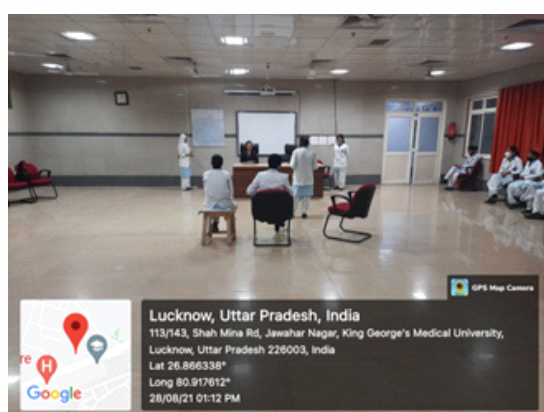
IQAC Co-Ordinator
KGMU, Lucknow

Archana

Registrar
King George Medical University
Lucknow

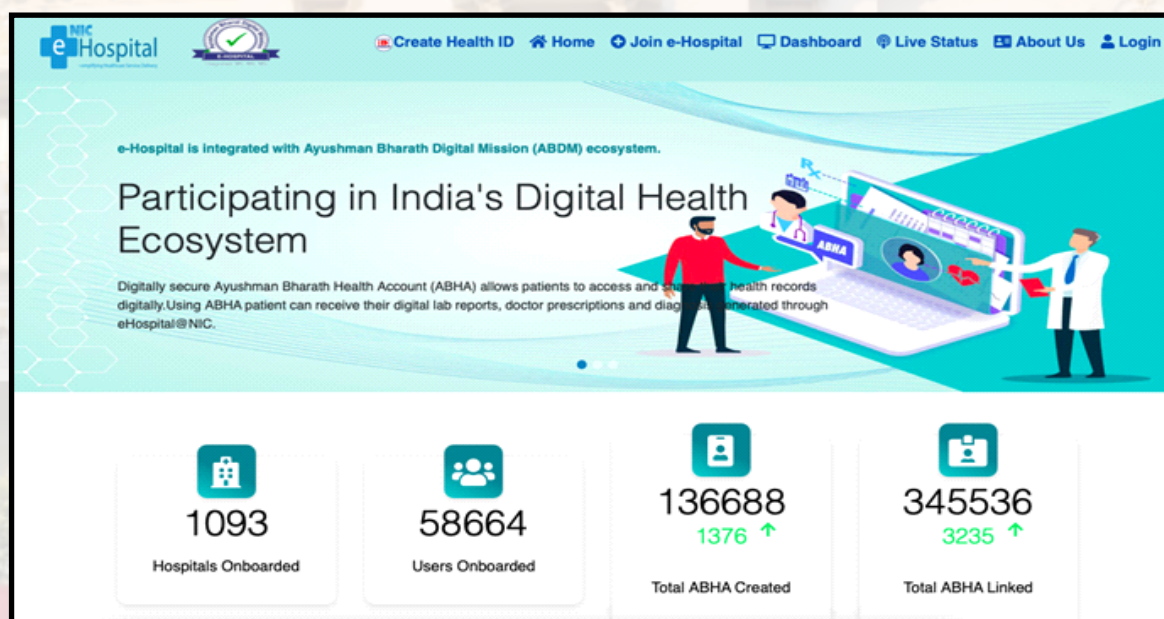
Strengthening IT Infrastructure

With the rapid evolution of medical education and the increasing need for technology-integrated teaching and communication, a significant gap was identified in the existing IT and audio-visual (AV) infrastructure at KGMU. Traditional lecture delivery methods were no longer sufficient to meet the demands of modern pedagogy, remote learning, and interactive academic sessions. Upgrading the AV tools and digital platforms was essential to enhance the learning environment and ensure high-quality knowledge dissemination.



To bridge this gap, the university prioritized the procurement and installation of advanced AV tools. As part of this initiative, the Kalam Centre Lecture Halls and the auditorium at Shatabdi Hospital Phase II were comprehensively upgraded with state-of-the-art audio-visual systems. These enhancements were implemented with the support of the Smart City Project under the Government of India (GoI), which provided necessary funding and technical assistance.

The upgraded facilities have significantly improved the quality of lectures, conferences, and clinical training sessions. Faculty now have access to modern teaching aids, enhancing engagement and comprehension for students. Additionally, the improved AV infrastructure has enabled smooth conduct of webinars, virtual CMEs, and hybrid learning models, thereby aligning KGMU's educational ecosystem with global standards in digital learning and collaboration.



Strengthening E-Portals and Process Automation at KGMU

With the increasing demand for digitalization in healthcare and academics, KGMU identified a significant gap in the functionality and integration of e-portals and automation processes. Fragmented systems and limited IT infrastructure hampered service efficiency, data management, and user accessibility for patients, students, and staff. There was a need to revamp the digital ecosystem to align with evolving healthcare standards and governance mandates.

To address these gaps, KGMU undertook extensive IT infrastructure upgrades. The network system was revamped with new core and distribution switches, ensuring uninterrupted services and real-time incident reporting via SMS. A dedicated call center for patient appointments was launched, alongside the rollout of Telemedicine Platform Version 2.0, extending services to PHCs, CHCs, and HWCs across Uttar Pradesh.

Dedicated Data centre for smooth network



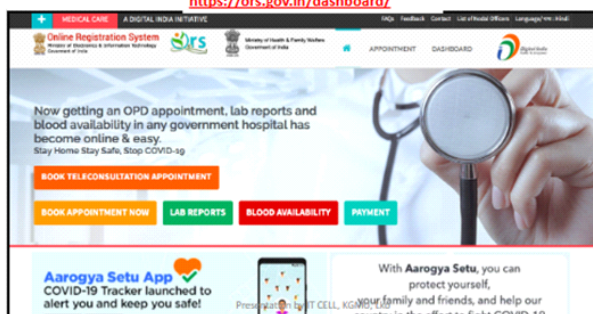
Digital POS machines with signage were installed at cash counters to facilitate seamless transactions. Aadhaar-enabled biometric systems were deployed campus-wide to comply with National Medical Commission directives, and 560 CCTVs were installed to boost campus security.

For academic automation, the Samarth Portal was adopted to manage student lifecycle data, including online fee payments and academic records. The portal is functional for all 2024 batch intakes. Faculty and staff operations were digitized through Manav Sampada for leave management and e-Service books, while IGRS and RTI matters transitioned to e-Office. Biometric attendance systems were integrated with the payroll.

Online appointment system

Online appointments were introduced in the Year 2020 with OPDs starting after the first phase of COVID 19 pandemic. Total appointments till date: ~ 8600000

<https://ors.gov.in/dashboard/>



Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Registrar
King George Medical University
Lucknow

As outcome, over 86 lakh online appointments and 2 lakh teleconsultations have been facilitated. 70 lakh patients benefited from automated LIS, RIS, dietary, and laundry modules.

IQAC Co-Ordinator
KGMU, Lucknow

Implementation of Hospital Information System



Name of module	Date of starting	Status
Dietary	July 2021	Working currently
Laundry	2021-22	Working currently
LIS-Microbiology	August 2021	Working currently
OT	2022	Testing and configuration phase
Advance module	January 2022	Working currently in QMH
IPD prescription	July 2022	Trauma centre, Medicine, QMH
RIS	October 2022	Partial Service scheduling done

~70 lakhs patients benefitted

KGMU emerged as a leading hospital linked to the ABDM portal, with 500–700 daily records and a national award for LIS integration. Revenue generation through POS machines reached Rs.15–36 lakhs/month (2023–24). YouTube e-content repository has over 900 broadcasts, including 20,000+ views on the KGMU documentary. These initiatives have significantly enhanced transparency, accessibility, and digital governance across the university.

Online appointment system

Dedicated Call Centre for support : 8 AM to 8 PM
(Outsourced via bid in 2023 till August 2025 as service bid for 10 seats)



As

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Arzib

IQAC Co-Ordinator
KGMU, Lucknow

Archana

Registrar
King George Medical University
Lucknow

Digitization and Resource Optimization of KGMU Central Library

There was a pressing need to fully digitize the Central Library at King George's Medical University to improve access to academic and research materials and to ensure optimal utilization of available digital resources by faculty, students, and researchers. The limited automation, underutilization of digital subscriptions, and absence of structured training programs hindered efficient resource access and academic productivity.

To address these challenges, the Central Library underwent complete automation through the implementation of KOHA, an advanced Library Management Software. Online Public Access Catalogue (OPAC) functionality was integrated, allowing digital search and access through the internal LAN. All books, bound journals, and theses were tagged with RFID for tracking, and self-issue-return kiosks and magnetic detection gates were installed to streamline circulation and enhance security.

Additionally, digital resource subscriptions were expanded significantly, including access to 5,185 online journals, 4,303 eBooks, and Theime-MedOne Education through the NML ERMED Consortium. To promote effective utilization, the library collaborated with prominent publishers to organize a series of training



**Capacity-Building Workshops and Training Programs
(Oct 2023 - June 2024)**

workshops and webinars in 2022, 2023 and 2024. These included hands-on sessions on MyLOFT, Access Medicine, Elsevier, Ovid, QuillBot, and BMJ platforms, equipping users with skills for academic writing, research navigation, and efficient digital resource use.

Outcomes:

The Central Library now provides a modernized academic environment with a seating capacity for 600 users and operational hours of 21 hours per day. The successful implementation of KOHA and RFID systems has led to improved document access and circulation. Capacity-building workshops have significantly enhanced user engagement with digital platforms. As a result, KGMU has strengthened its research ecosystem, improved resource utilization, and empowered its academic community with global-standard library services.

Library and Research Enhancement Programs (2023-24)

MyLOFT User Training	Oct 23
QuillBot Academic Writing Workshop	Nov 23
Access Medicine Database Training	Nov 23
Elsevier Health Research Development Program	Jan 24
Orientation on New E-Resources	Feb 24
Elsevier Workshop on Research Writing Best Practices	Apr 24
Ovid Knowledge Sharing Session	May 24
Wiley ERMED Webinars	Jul & Sept 23
Access Medicine Webinar	Nov 23
Ovid Literature Search Webinar	June 24
BMJ Webinar: Submitting Case Reports & Journal Search	June 24

Enhancing Quality and Standardization of Healthcare Delivery through Accreditation Initiatives



To elevate the standards of patient care and diagnostic services at King George's Medical University, a comprehensive gap analysis highlighted the pressing need to initiate accreditation processes for both hospital and laboratory services. While the institution had well-established clinical and diagnostic facilities, formal accreditation—particularly from national and international bodies—was essential to validate service quality, ensure adherence to standard operating protocols, and promote consistent, high-quality care. Lack of accreditation posed challenges in benchmarking clinical performance and integrating structured quality control mechanisms, particularly in laboratory diagnostics critical to accurate clinical decision-making.

In response to this identified gap, KGMU launched a focused initiative to pursue accreditation across key service areas. The Departments of Pathology, Microbiology, and Biochemistry began the process for fresh NABL (National Accreditation Board for Testing and Calibration Laboratories) accreditation, along with applying for accreditation for newly established lab facilities. This involved upgrading laboratory infrastructure, staff training, process standardization, documentation, and internal audits aligned with NABL quality standards.

Simultaneously, the Departments of Plastic Surgery, Oral & Maxillofacial Surgery, and Prosthodontics achieved ISO certification, signifying excellence in Quality Management Systems (QMS). These certifications recognize the departments' commitment to structured processes, patient safety, infection control, and continual service improvement.

The accreditation initiatives have led to transformative outcomes across KGMU's healthcare ecosystem. The pursuit of NABL accreditation has significantly improved laboratory accuracy, quality assurance, and traceability, directly enhancing clinical diagnostic confidence and reliability. It has also fostered a culture of continuous quality improvement, promoting stringent adherence to standardized protocols and staff accountability.

ISO certification has elevated departmental operations through streamlined workflows, structured documentation, and enhanced patient satisfaction. The recognition has further reinforced KGMU's position as a leader in public healthcare delivery, committed to aligning with global best practices.

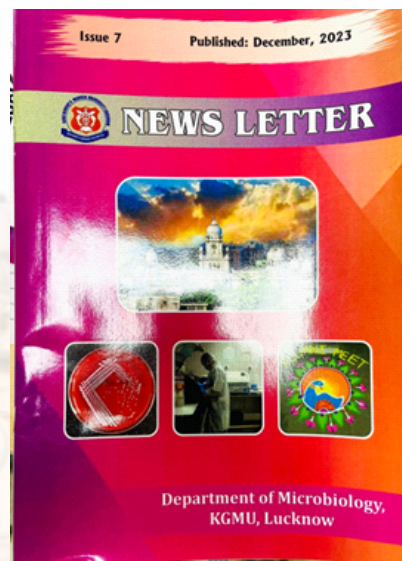
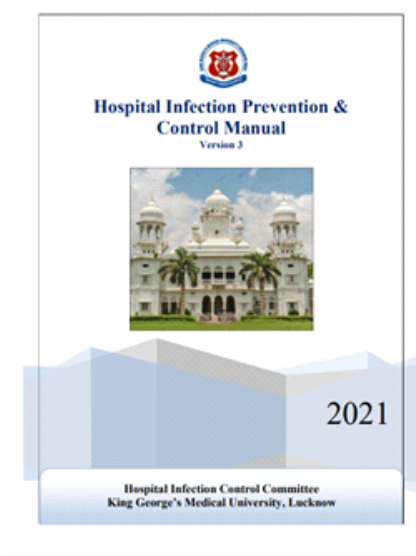
These accreditations not only improve patient outcomes but also strengthen academic training, allowing students and residents to learn in a quality-assured environment. Importantly, accreditation provides credibility for collaborative research and clinical trials, opening new avenues for partnerships with global health agencies and funding bodies.

KGMU's move towards accreditation marks a critical step in its mission to deliver patient-centered, globally benchmarked healthcare services.

Reducing Hospital Acquired Infections (HAIs)

Hospital Acquired Infections (HAIs) were identified as a major challenge affecting patient safety, increasing hospital stay duration, and contributing to antimicrobial resistance. A lack of structured infection control measures and overuse of antibiotics were key contributing factors requiring immediate intervention.

To address this gap, King George's Medical University (KGMU) launched a comprehensive Antimicrobial Stewardship Program (AMSP). The initiative aimed to optimize antibiotic use and reduce HAIs through evidence-based strategies



More than 30 workshops were conducted, training over 2000 healthcare professionals including doctors, nurses, and paramedical staff.

An Infection Surveillance System was introduced to strengthen early detection of infections, enabling timely outbreak response. This system effectively contained over 20 infection outbreaks across departments.

Additionally, infection prevention protocols were reinforced—emphasizing hand hygiene, enhanced cleaning and disinfection practices, and strict isolation procedures for infected patients.

Signature

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Faculty, Residents and Staff Training on Infection Control

- Total trainings: 18

Signature

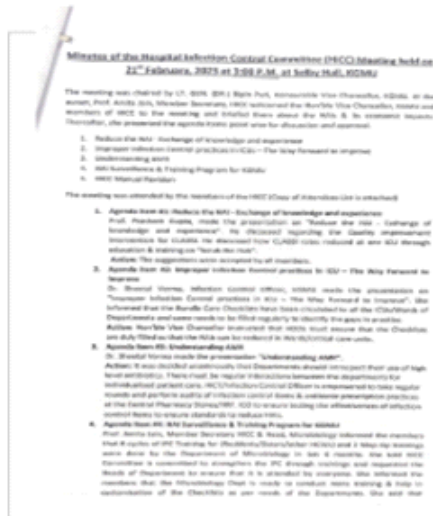
Registrar
King George Medical University
Lucknow



Signature

IQAC Co-Ordinator
KGMU, Lucknow

Meeting HICC held in 2023



Walkathon Let's Go Blue for Preventing Antimicrobial Resistance Together on 24/11/2023 World AMR Awareness Week



These combined efforts have led to a measurable reduction in HAI incidence, improved antibiotic utilization, and better clinical outcomes. Patient safety has significantly improved, along with a reduction in antimicrobial resistance patterns. The program has also fostered a culture of accountability and hygiene, contributing to overall healthcare quality enhancement at KGMU.

Deen
Deen
Quality Control, Clinical Audit,
Accreditation & Future Planning

Arzila
IQAC Co-Ordinator
KGMU, Lucknow

Aradhana
Registrar
King George Medical University
Lucknow

STUDENT SUPPORT AND PROGRESSION

Enhancing Student Engagement Through Extracurricular and Wellness Initiatives

A gap analysis conducted at King George's Medical University (KGMU) highlighted the limited structured opportunities for students to participate in extracurricular activities, cultural events, and wellness programs. This gap restricted the holistic development of students and reduced their engagement in non-academic aspects of university life.

To address this, the Deanship of Student Welfare was significantly strengthened through the appointment of Assistant Deans from all faculties, ensuring inclusive representation and effective implementation of student-centric initiatives. Under the leadership of the Dean of Student Welfare, a series of cultural, wellness, and awareness programs were launched to promote active student participation and overall well-being.

Initiatives included the KGMU Health & Yoga Wellness Program, with specialized yoga sessions for cancer survivors, pregnant women, and differently-abled individuals, promoting inclusivity. Events such as the 10th International Yoga Day, ISHA Foundation lecture on stress management, and Water Yoga at the C.V. Hostel encouraged physical and mental wellness.

Cultural activities like Rhapsody 2023 and competitions on International Non-Violence Day were organized to boost creativity and expression. Health and social awareness were emphasized through walkathons on World Cancer Day, Asthma Day, and No Tobacco Day, and active participation in the Swachhata Seva Campaign.

These initiatives led to enhanced student participation, improved mental and physical wellness, and stronger social engagement. The Swanubhuti Shivir in Prayagraj and the Mentor-Mentee Program for the MBBS/BDS 2023 batch created meaningful connections between students and faculty, fostering a supportive campus environment. Overall, KGMU successfully nurtured a vibrant, socially responsible, and health-conscious student community.

Mentor-Mentee Program

There was a noticeable lack of structured, individualized guidance and emotional support for students at KGMU, which impacted academic performance, professional development, and overall well-being. The absence of a formal mentorship framework limited opportunities for early intervention in cases of academic or behavioral challenges, as well as in career planning.

To address this gap, KGMU initiated a structured Mentor-Mentee Program with a comprehensive Standard Operating Procedure (SOP). This SOP mandates that each faculty mentor be assigned a group of mentees and maintain regular contact with them through scheduled meetings. Mentors are required to assess students' strengths and weaknesses, maintain detailed logbooks, and provide personalized guidance in academics, career planning, and personal development. Specific provisions include addressing performance or behavioral concerns, involving parents or department heads when needed, and facilitating remedial teaching and counseling.

In practice, mentors have been actively engaging with their mentees through both individual and group interactions. Regular meetings in the Dean of Student Welfare (DSW) office have fostered collaborative learning and strong interpersonal bonds. Mentors have been

instrumental in enhancing students' time management, leadership, and decision-making abilities.

The structured mentorship program is expected to significantly improve student confidence, academic performance, and emotional resilience. It will foster holistic development by providing a support system that encourages open communication, early problem identification, and timely intervention. Over time, the program aims to enhance student satisfaction, reduce drop-out rates, and create a positive, nurturing academic environment. By aligning students' academic efforts with their long-term goals, the initiative also supports career readiness and personal growth, contributing to the university's commitment to excellence in education and student welfare.

Scholarships for Meritorious Students

During internal reviews, a significant gap was identified in the availability of financial support for academically meritorious students. While many students demonstrated exceptional academic potential, limited funding opportunities hindered their progress and recognition.

To address this gap, the university launched a quality initiative to initiate scholarships for meritorious students. A multi-pronged approach was adopted by reaching out to alumni networks, philanthropic bodies, corporate CSR programs, and government agencies for sponsorship. Formal proposals showcasing student achievements and the university's vision were shared to garner support. A dedicated Scholarship Committee was formed to develop transparent eligibility criteria, streamline the selection process, and maintain coordination with funding bodies.

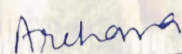
The initiative led to the successful establishment of scholarship scheme. High-performing students across disciplines received financial assistance and formal recognition, enhancing their motivation and academic performance. As a result of the proactive efforts to explore sponsorship opportunities, the Kotak Education Foundation, Mumbai, launched the Kotak Kanya Scholarship Scheme at KGMU, specifically aimed at empowering academically outstanding undergraduate girl students. Under this initiative, eight MBBS students from the 2021, 2022, and 2023 batches were selected based on merit and eligibility. A scholarship amount of Rs. 1.50 lakh per year was disbursed. This initiative not only provided substantial financial support but also marked a meaningful step toward gender equity in higher education, particularly in the field of medicine. The successful implementation of this scheme has opened avenues for further collaborations with other philanthropic institutions and set a precedent for supporting deserving students through targeted scholarship programs.



Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning



IQAC Co-Ordinator
KGMU, Lucknow



Registrar
King George Medical University
Lucknow

Formation of King George's Medical University Student Council

In alignment with the Lyngdoh Committee recommendations, King George's Medical University (KGMU) established a Student Council through a democratic election process for the academic session 2023–24. The council ensures inclusive representation from all faculties—MBBS, BDS, Nursing, Paramedical, and Research—under official letter no. 523/DSW/2024 dated 14.03.2024.

The newly elected KGMU Student Council has made a significant impact by actively participating in student affairs and university initiatives. The platform has empowered students to develop leadership capabilities, take ownership of organizing academic and extracurricular events, and voice their concerns constructively. Involvement in the council has enhanced their soft skills, including communication, teamwork, public speaking, and event management—skills essential for future professional roles.

Beyond administrative engagement, the council has contributed to creating a vibrant campus environment, promoting inclusivity, and encouraging holistic student development. It provides students with a space to explore personal interests, nurture creativity, and foster a sense of belonging.

The successful implementation of the council reflects KGMU's commitment to student-centric governance and democratic participation, setting a positive precedent for institutional growth and youth leadership development.

Enrollment in National Student Bodies

KGMU lacked formal student representation in national youth organizations, limiting exposure to leadership and civic engagement opportunities. To address this, the Dean, Student Welfare initiated the process to affiliate a unit of the Bharat Scouts & Guides at KGMU. A formal request was submitted, and approval was granted by the U.P. State Office on 4th July 2023. The establishment of the Bharat Scouts & Guides unit at KGMU provides students with a platform for personality development, community service, and national integration, enhancing their overall educational experience.

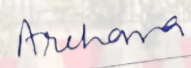
Placement Support for Nursing Students

Limited structured support was available for nursing students in securing placements after graduation. To bridge this gap, a special placement drive was organized specifically for nursing students, facilitated by the university's placement cell in coordination with various institutions.

As a result, 165 pass-out students were successfully placed as Nursing Officers in prestigious government institutions including NHM, AIIMS, SGPGI, RML, Military Hospital, and KGMU itself. Additionally, four students were selected as Nursing Faculty at reputed institutions such as Manipal College of Nursing, MAHE, SGPGI, RML, and NIMHANS, enhancing employability and academic growth.


IQAC Co-Ordinator
KGMU, Lucknow


Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning


Registrar
King George Medical University
Lucknow

Establishment of Dedicated Unit for Student Mental Health Support

The demanding academic environment, long study hours, and personal stressors commonly experienced by students in medical institutions have led to an increased need for focused mental health support. Although occasional counseling services existed, there was no structured, student-centered mental health support system within the university. This gap posed a risk of unaddressed mental health concerns and hindered early intervention, emotional well-being, and academic performance.

In 2022, King George's Medical University established a dedicated Counseling Centre for students. Operated under the expert supervision of the Department of Psychiatry, the centre offers confidential counseling and, where needed, clinical consultations. To improve accessibility, an online appointment system was introduced, making it easier for students to seek help without hesitation or stigma.

The dedicated support unit has created a safe and welcoming space for students to express their concerns and receive timely, professional help. To date, over 200 students have benefited from the service, which highlights its positive impact on mental health and overall student well-being. The initiative highlights KGMU's commitment to creating a holistic, supportive academic environment that nurtures both educational and emotional growth.

Enhancing Alumni Engagement and Contribution

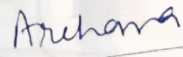
To strengthen alumni relations and foster active involvement, KGMU organized the **“Connecting Minds and Empowering Medicine (CME)”** during the International Georgian Alumni Meet (IGAM) on December 22–23, 2023. The event featured lectures on diverse medical and scientific topics and witnessed enthusiastic participation from over 1000 alumni worldwide. As part of the initiative, the IQAC held its annual meeting with alumni, focusing on strategies to enhance alumni engagement and contributions. The event served as a platform for knowledge sharing, networking, and exploring collaborative opportunities, reaffirming the university's commitment to building a strong and supportive alumni network.



Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning



IQAC Co-Ordinator
KGMU, Lucknow



Registrar
King George Medical University
Lucknow

GOVERNANCE AND LEADERSHIP

Effective governance and visionary leadership are essential for the smooth functioning and continuous improvement of any academic medical institution. Based on detailed gap analysis, King George's Medical University (KGMU) identified several areas requiring structural and digital transformation. The following is a pointwise analysis of the key gaps, actions taken, and measurable outcomes under the Governance and Leadership parameter:

1. Need to Improve the E-Governance Mechanism

- Strengthened the IT cell and partnered with a service provider to digitize documents in the initial phase, aligning with the Government's Digital India mission.
- Over 3 lakh teleconsultations provided.
- Received the "Flag Bearer Award" and special appreciation from the Hon'ble Prime Minister of India.
- Successfully implemented e-Sanjeevani, e-Office, Manav Sampada, Biometric Attendance, EMS, and FMS portals for digital governance.

2. Limited Implementation of Government Schemes for Poor Patients

- Constituted a dedicated committee to streamline processes for effective scheme delivery.
- Provided care to the largest number of AYUSHMAN beneficiaries in India. Received national-level recognition and awards for implementation excellence.

3. Lack of Structured Cadre and Promotion for Non-Teaching Staff

- Adopted a cadre-wise structure similar to SGPGIMS and implemented promotional pathways.
- Enhanced organizational hierarchy, increased staff morale, and improved retention.

4. Shortage of Qualified Nursing Staff

- Conducted focused recruitment drives for Nursing Officers. Improved nurse-to-patient ratio and quality of patient care.

5. Manual Leave and ACR System

- Fully implemented Manav Sampada for online leave and ACR management. Online property declaration integrated.
- Improved HR efficiency, transparency, and reduced manual workload.

6. Manual Admission Process for MBBS and BDS

- Implemented Samarth Portal for complete online admission processing. Faster, more accurate and transparent admissions with reduced errors.

7. Inefficiencies in Attendance and Salary Processing

- Introduced Aadhaar-enabled Biometric Attendance, linked to salary portal. Ensured real-time attendance tracking and timely salary disbursements.

8. Inaccessibility to Salary Documents

- Enabled staff access to Form A, Form B, and Form- I 6 via individual logins.
- Improved employee satisfaction and self-service accessibility.

9. Limited Communication of Financial Updates

- Circulated financial circulars and salary updates via WhatsApp groups
- Increased awareness and transparency among staff.

10. Time-Consuming Manual Financial Transactions

- Introduced online cheque writing and email-based bank payment systems. Enhanced financial efficiency and reduced manual errors.

11. Need for Digital Payment Options for Patients

- Set up POS machines and allowed advance payments linked to UHID.
- Promoted cashless transactions, improved patient convenience and security.

12. OPD Registration Delays

- Fully implemented Manav Sampada for online leave and ACR management. Online property declaration integrated.
- Improved HR efficiency, transparency, and reduced manual workload.

6. Manual Admission Process for MBBS and BDS

- Introduced QR-code-based OPD registration lines.
- Reduced waiting times, improved crowd management and patient experience.

These strategic governance interventions have resulted in streamlined processes, improved accountability, digitization, and enhanced stakeholder satisfaction—positioning KGMU as a digitally forward and well-governed institution.

Enhancing Faculty Development Programs (FDPs)

A need was recognized to increase the frequency and diversity of Faculty Development Programs (FDPs), including refresher courses, induction programs, and training in medical education technologies, to ensure continuous professional growth and skill enhancement among faculty.

To address this, Standard Operating Procedures (SOPs) were developed, and participation in a minimum of four FDPs was made mandatory for faculty, in collaboration with central units such as the University Environment Department and Medical Education Department. A Calendar of Events was created to streamline planning and participation.

Faculty Development Programs in Medical Education

S no	Name of FDP	Coordinators	Date of FDP	No of Faculty trained
1	Mentoring	Prof Tejinder Singh Prof Sahiba Kukreja Prof Shally Awasthi	20 Sept 2018	25
2	Development of Electives	Prof Shally Awasthi Prof Uma Singh Dr Pooja Ramakant	9 April 2022	56
3	Effective assessment in Medical Education	Prof Shally Awasthi	20 April 2023	50
4	Harnessing Digital resources to implement Self-Directed Learning (SDL)	Mr David Game, VP, Elsevier Prof Dinesh Badyal Prof Shally Awasthi Prof Anita Rani	28 July 2023	32
5	Creating Engaging Lectures Using Digital Resources	Prof Amita Pandey Prof Anita Rani Elsevier	15-16 March 2024 15-16 April 2024 3-4 May 2024	217
6	Online Faculty development programme on Transforming Education: A Deep Dive into Problem-based and Case-based Learning	Prof Amita Pandey Mc Graw Hill	4 Sept 2024	76
7	AI in Medical Education	Prof Avinash Supe Prof Amita Pandey	15 October 2024	40
8	Interactive Teaching & learning methods for undergraduate & postgraduate students	Prof Amita Pandey Prof R K Dixit Prof Suyog Sindhu	6 March 2025	54
9	Use of Simulation & Skill Labs for teaching & training undergraduate & postgraduate students	Prof Amita Pandey Prof Sarika Gupta	27 Feb 2025	38
10	Foundation Course for Newly appointed Faculty	Prof Amita Pandey	17-25 March 2025	67
11	Equating slow learners through constructive feedback	Prof Amita Pandey Prof R K Dixit Prof Suyog Sindhu	3 April 2025	43

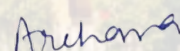
Additionally, Clinical Grand Rounds (CGRs) were introduced every Saturday under the Dean of Academics, where departments present clinical achievements, encouraging academic discussion and peer



Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning



IQAC Co-Ordinator
KGMU, Lucknow



Registrar
King George Medical University
Lucknow



central units such as the University Environment Department and Medical Education Department. A Calendar of Events was created to streamline planning and participation.

Clinical Grand Round : Faculty development Program organized by Dean Academics. These efforts have significantly improved faculty engagement and skill enhancement. Over 89 faculty members have attended workshops on Medical Education Technologies, covering diverse topics. Moreover, zone-wise firefighting and safety training has been conducted regularly for employees and residents, enhancing campus safety awareness. The structured and multidisciplinary approach has fostered a culture of lifelong learning, collaborative teaching, and continuous improvement in academic and clinical competence at KGMU.

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

IQAC Co-Ordinator
KGMU, Lucknow

Registrar
King George Medical University
Lucknow

Enhancing Funding through Corporate Social Responsibility (CSR) Contributions

While government funding has supported the growth and development of King George's Medical University (KGMU), a significant gap was identified in mobilizing non-governmental financial resources to accelerate infrastructural and research advancements. The absence of a structured approach to engage with Corporate Social Responsibility (CSR) initiatives limited potential external contributions.

KGMU initiated strategic efforts to explore and engage with corporate entities under their CSR mandates. The university actively reached out to potential partners, shared its institutional vision, and proposed impactful healthcare and research projects aligned with CSR goals. A dedicated team facilitated discussions and proposal submissions to corporates for infrastructure, research, and academic development.

As a result of these efforts, Aditya Birla Group committed Rs.2.5 crore for transforming the Bone Marrow/Hematopoietic Stem Cell Transplant ward into a state-of-the-art facility, significantly enhancing patient care infrastructure. Additionally, Kotak Mahindra Bank expressed interest in funding Rs.7 crore for the establishment of a Center of Excellence for Clinical Trials and an Artificial Intelligence Unit at KGMU. These collaborations mark a critical step in diversifying funding sources and reinforcing the university's capacity for innovation, research, and specialized clinical care.

Development of Institutional Guidelines for Drug Distribution System at KGMU

To enhance the efficiency and accessibility of essential medicines and surgical supplies, King George's Medical University (KGMU) implemented comprehensive reforms in its Drug Distribution System. A key step was the development of institutional guidelines, including the formulation of an Essential Drug List (EDL) and integration of automated stock management through the E-Hospital software to prevent stockouts.

Communication was significantly improved through the creation of dedicated WhatsApp groups for doctors, staff, and patients, ensuring real-time updates on drug availability.

To ensure accountability, penalties were introduced for vendors failing to deliver on time, and all essential delivery items were incorporated into the EDL. The university also prioritized the clearance of pending Hospital Revolving Fund (HRF) bills dating back to 2020. Since its inception in 2018, the HRF has grown from one counter to 17 outlets and a central store, including new 24-hour outlets in the New Emergency and OPD complexes, supporting the institution's commitment to free treatment in the first 24 hours of admission.

In FY 2023-24, the HRF generated over 5.44 lakh sales bills, reinforcing KGMU's commitment to providing quality, affordable healthcare with plans for continued expansion.



Recruitment of Nursing Officers and Promotion of Non-Teaching Staff

To strengthen healthcare delivery and administrative efficiency, King George's Medical University (KGMU) undertook significant human resource development initiatives in 2024. A major achievement was the successful recruitment of 1,151 Nursing Officers, aimed at addressing the shortage of skilled nursing personnel and enhancing patient care services. These newly appointed staff members participated in a comprehensive week-long sensitization and orientation program in April 2024. The training focused on hospital protocols, ethical conduct, and patient-centered care, preparing them to uphold the highest standards of service across various clinical settings.

In parallel, KGMU addressed long-standing demands for structured career progression among non-teaching staff. Following the implementation of Mankikaran recommendations, a total of 167 non-teaching staff were promoted across 12 defined cadres. This promotion exercise brought transparency, improved morale, and reinforced an equitable working environment. By providing clear growth pathways, KGMU has not only recognized the contributions of its non-teaching workforce but also improved administrative efficiency and employee retention.



Together, these initiatives reflect KGMU's commitment to building a well-trained, motivated, and responsive workforce, aligned with its broader vision of excellence in medical education, research, and healthcare service delivery.

Women Empowerment Cell

“Where Women Rise Together”

Recognizing the need to provide opportunities and enhance awareness regarding women's rights, health, and overall well-being, the establishment of a dedicated Women Empowerment Cell was proposed. The initiative aimed to address critical issues concerning women and promote their holistic development within and beyond the university setting. In alignment with the vision of the Honorable Governor of Uttar Pradesh and Chancellor of King George's Medical University, the Women Empowerment Cell (Mahila Adhyayan Kendra) was formally established on 31st May 2021. To streamline its activities and ensure focused implementation, a core committee was constituted on 18th August 2021.

Since its inception, the Women Empowerment Cell has actively conducted over 42 programs and initiatives focused on women's health, education, and financial independence. The Cell has successfully organized multiple outreach activities in rural areas, targeting women and children. Additionally, awareness programs for university employees and students are regularly conducted. Important observances such as International Women's Day and other days dedicated to female health are celebrated with enthusiasm throughout the year.



**INTERNATIONAL WOMEN'S DAY Celebration with
Hon'ble Chancellor Uttar Pradesh 8TH MARCH 2023**

Arzib
IQAC Co-Ordinator
KGMU, Lucknow

World Breastfeeding Week was celebrated in our institution to promote the importance of breastfeeding for the health and well-being of both mother and child. The event began with an awareness rally conducted by students and faculty members, highlighting key messages about breastfeeding through placards and slogans. An informative session was organized where medical professionals spoke about the benefits of exclusive breastfeeding for the first six months, the role of nutrition, and techniques for successful breastfeeding.

Interactive Q&A sessions helped clarify doubts among participants, especially new and expecting mothers. Educational posters and leaflets were distributed for wider community outreach.



As
Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Arzila
IQAC Co-Ordinator
KGMU, Lucknow

Archana
Registrar
King George Medical University
Lucknow

Creation of KGMU Kulgeet



केजीएमयू कुलगीत



The Kulgeet of King George's Medical University (KGMU), Lucknow is a symbol of pride, unity, and tradition. It reflects the institution's rich heritage, academic excellence, and commitment to serving humanity. The Kulgeet, sung during official ceremonies, convocations, and special events, plays a vital role in instilling a sense of belonging and respect among students, faculty, and alumni.

Kulgeet was inaugurated on May 15 2023, it was penned by Dr Amiya Agrawal, music composition and singing by Dr Bhavya Dube Naithani and Dr Raja Rupani. The lyrics of the Kulgeet are composed in Hindi, and they beautifully express devotion towards knowledge, healing, and service. It praises the esteemed institution for shaping future medical professionals and highlights its glorious past and contributions to society. The melody is solemn and inspiring, encouraging listeners to uphold the values of dedication, compassion, and scientific inquiry.

Singing the Kulgeet is more than just a tradition—it is an emotional moment that unites generations of KGMU graduates. It reinforces the sense of duty among medical students to serve with honesty, empathy, and professionalism. For every KGMU member, the Kulgeet is a reminder of their responsibility towards society and their alma mater.

In essence, the KGMU Kulgeet is not just a song, but a powerful expression of the institution's spirit and its enduring legacy in the field of medical education.

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

IQAC Co-Ordinator
KGMU, Lucknow

Registrar
King George Medical University
Lucknow

Body Donation Drive at KGMU Yug Dadhichi Dehdaan Abhiyaan



King George's Medical University (KGMU), Lucknow, actively promotes body donation as a noble contribution to medical education and research. Donated bodies are vital for teaching anatomy to medical and dental students, as well as for surgical training and scientific studies.

By donating one's body, individuals leave behind a legacy that benefits generations of healthcare professionals and, ultimately, society.

KGMU's Department of Anatomy manages the body donation program. Individuals can pledge their bodies during their lifetime by filling out a simple donation form, available on the university's website. After the donor's demise, the family must inform the department to facilitate the donation. It is essential to inform family members in advance, as their consent and cooperation are crucial.

Department of Anatomy received more than 40 donated bodies and another 230 registrations for body donation between July 19 and June 23.

Dehdaan Samman Samaroh 2023 was organized on 25th July and more than 250 body donors were felicitated posthumously for their revered contribution for medical education.

To honor this generous act, KGMU offers free annual medical check-ups for the spouse of body donors and organizes ceremonies to recognize donor families, acknowledging their contribution to science and education.

Body donation at KGMU is conducted with utmost respect and dignity. It is not just a medical necessity, but a humanitarian act that supports the future of healthcare. The university encourages more individuals to come forward and pledge for this noble cause.

Organ Transplantation

UP: KGMU Performs First Combined Liver-Kidney Transplant



Written By Kajal Rajput

Published On 7 Nov 2022 5:45 PM | Updated On 7 Nov 2022 5:45 PM



Lucknow: The first combined liver-kidney transplant has been performed at the prestigious King George's Medical University (KGMU) after the family members of a brain-dead 20-year-old patient donated the organs.

The liver, kidneys, and corneas were harvested from a 20-year-old resident of Lonar village in Hardoi.

King George's Medical University (KGMU) in Lucknow is a leading institution in organ transplantation and donation in Uttar Pradesh. The university has made significant strides in kidney and liver transplant services, as well as in promoting organ donation awareness.

In a landmark achievement, KGMU performed its first combined liver-kidney transplant in November 2022. The procedure was made possible through the donation of organs from a brain-dead patient, highlighting the critical role of organ donation in saving lives.

To further its commitment to organ donation, KGMU has revived its Cadaveric Multi-Organ Donation (CMOD) program. This initiative focuses on retrieving functional organs from brain-dead patients for transplantation, thereby addressing the organ shortage crisis.

KGMU also actively promotes organ donation awareness. On World Organ Donation Day, the university organized a camp where 100 individuals pledged to donate their organs,

emphasizing the importance of community participation in this noble cause.

Through these initiatives, KGMU continues to play a pivotal role in advancing organ transplantation and fostering a culture of organ donation in the region.

THE TIMES OF INDIA

Read ePaper

TRENDING

Arvind Kejriwal Bail Hearing

Pocso Case

100 pledge to donate organs for transplant

TNN / AUG 14, 2024, 05:28 IST



SHARE

FOLLOW US

Lucknow: As many as 100 people took the pledge and authorising families to donate their organs after death in an [organ donation](#) camp at KGMU to mark World Organ Donation Day on Tuesday. KGMU's organ transplant unit organised the camp to create awareness among citizens about organ donation.

Dr. Nilesh

IQAC Co-Ordinator
KGMU, Lucknow

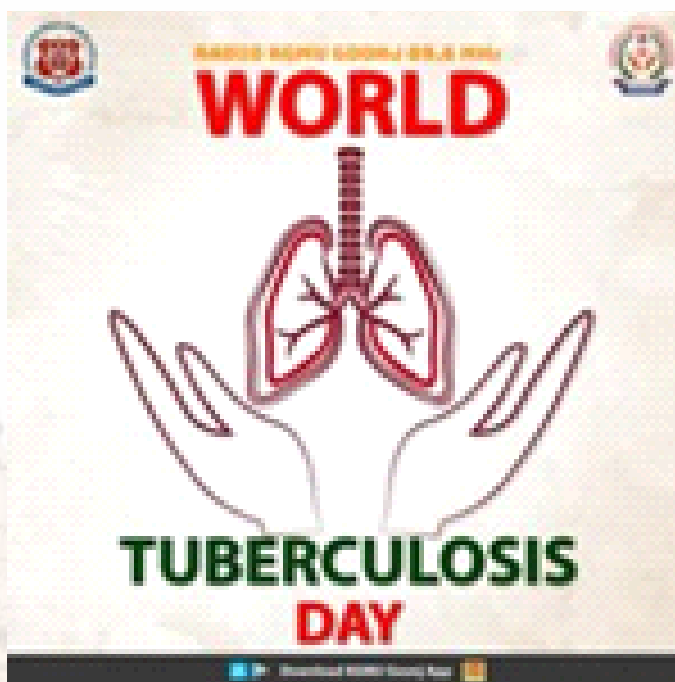
Radio Goonj

Community Radio Station

Radio Goonj 89.6 MHz is the first community radio station launched by a medical institution in India—King George's Medical University (KGMU), Lucknow. Inaugurated on February 5, 2022, under the leadership of Vice Chancellor Lt. Gen. (Dr) Bipin Puri and conceptualized by Dr. Vinod Jain, the station aims to bridge the gap between medical knowledge and public awareness.

Broadcasting in Hindi, English, and Awadhi, Radio Goonj focuses on health education, social issues, and community development.

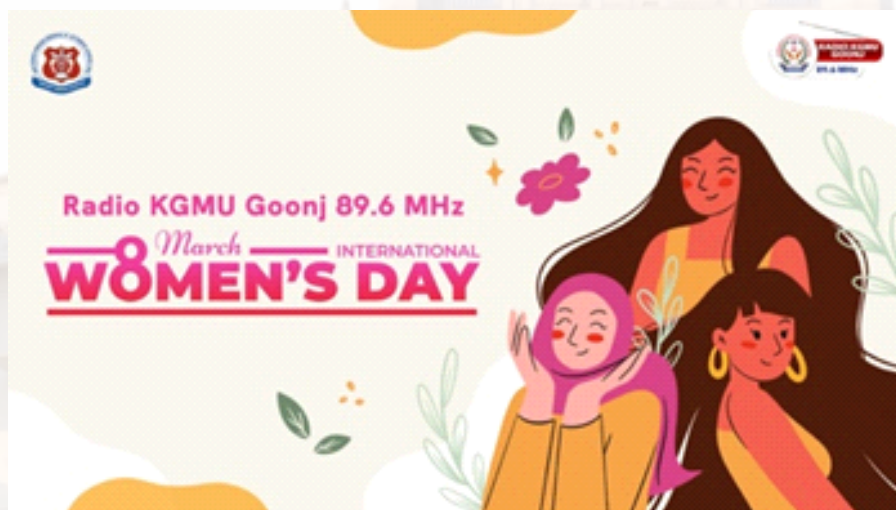
Radio Goonj has been instrumental in disseminating information on health issues, government schemes, and social campaigns. Notably, it launched the 'Mission No Smoking Campus' initiative to promote a tobacco-free environment within KGMU. The station also



extends its reach to rural areas, conducting health awareness programs on topics like tuberculosis, COVID-19 precautions, and maternal care.

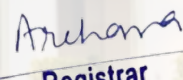
The community radio in the last two years has become a popular channel with over 3000 subscribers and has conducted over 50 outreach programs and over 300 expert talks.

Radio Goonj exemplifies KGMU's commitment to leveraging media for public health education and community engagement




Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning


IQAC Co-Ordinator
KGMU, Lucknow


Registrar
King George Medical University
Lucknow

Energy and Environmental Audit

KGMU is very much energy conscious and has already undertaken a number of energy efficient and renewable energy measures.

It uses Solar PV power plant and Solar Thermal Concentrator. It has also implemented energy efficient lights and APFC panels for energy conservation.

The Hospital uses different form of conventional energy like electricity , LPG and Diesel. As a

part of the study, basic data for various energy sources , carbon footprint, potential of white reflective coating , performance of the solar thermal concentrator system, potential of installing induction cooking , potential of solar PV system and analysis of the performance of the existing system, performance of HVAC systems , potential and feasibility for district cooling system , standard operating practices for efficient use of energy , etc. have been studied.

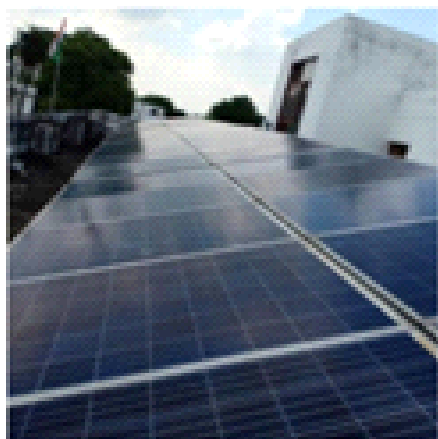


Fig. Solar Plants visited during the Energy Audit Study (Neurology Department)

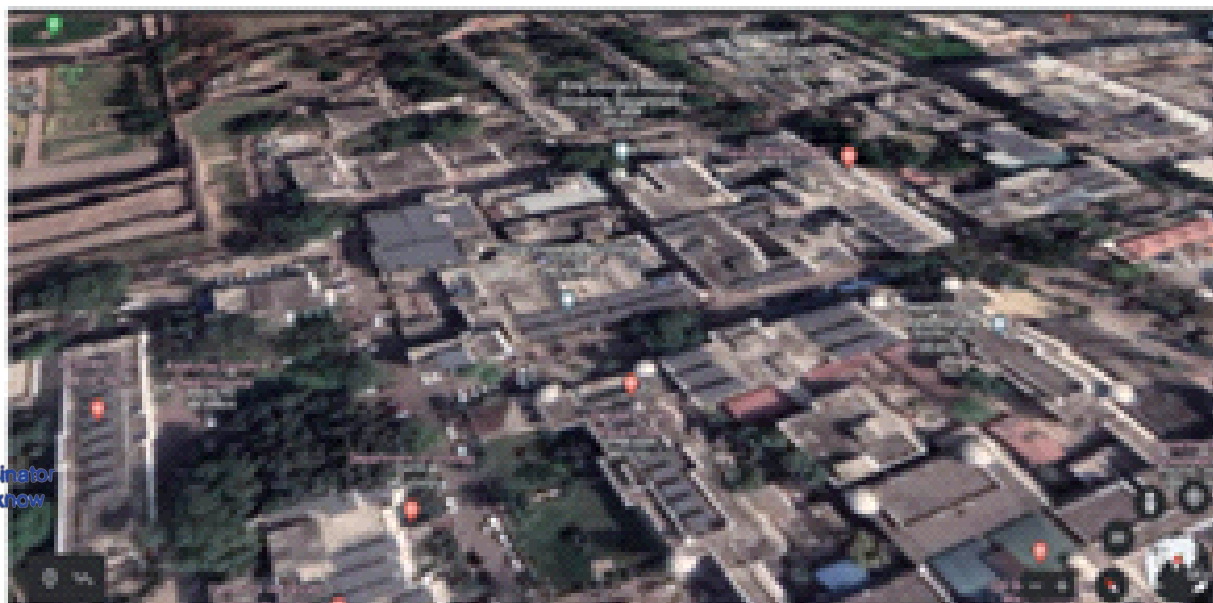
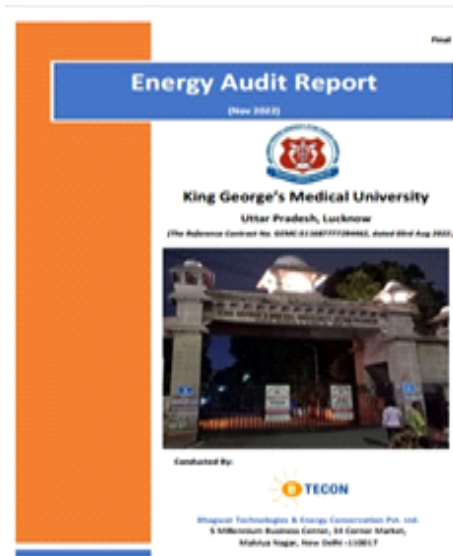


Fig . Google Earth View of the Solar PV Panels installed on various buildings within KGMU Campus



As

Dean
Quality Control, Clinical Audit,
Accreditation & Future Planning

Arzila

IQAC Co-Ordinator
KGMU, Lucknow

Archana

Registrar
King George Medical University
Lucknow