



3.1.1 : The Institution has a well-defined research promotion policy

Document on Research promotion policy

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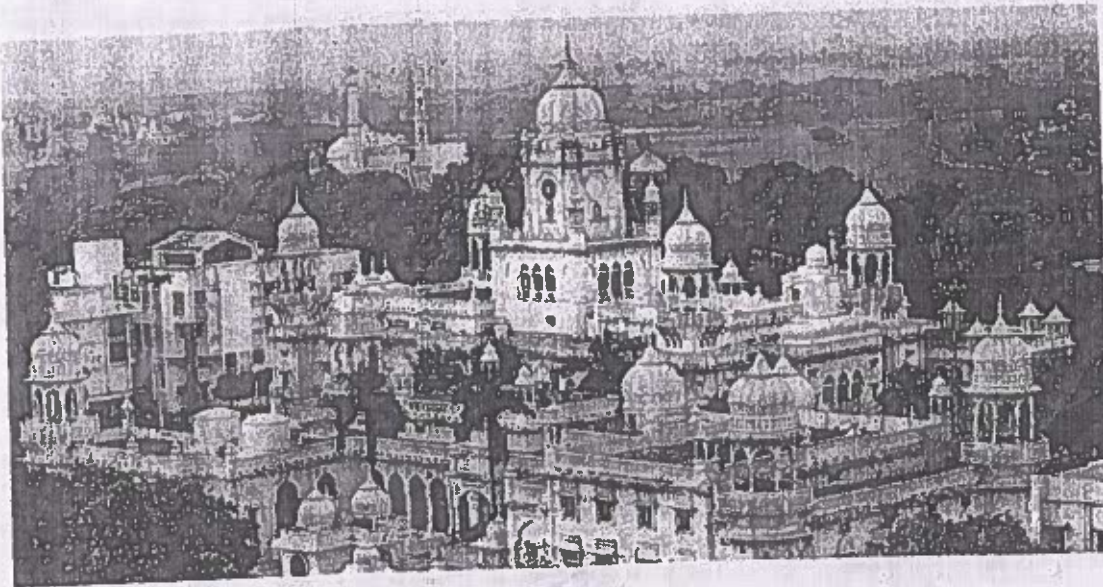
3.1.1: The Institution has a well-defined Research Promotion Policy

1	Scanned Revised Research Promotion Policy
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Archana

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Research Promotion Policy of King George's Medical University (KGMU)



Preamble

King George's Medical University (KGMU), a NAAC A+ accredited institution, is a distinguished cornerstone in the landscape of medical education in India. Established in 1905, it has consistently maintained a prominent position among medical institutions globally, renowned for its harmonious blend of world-class biomedical research, exceptional patient care, and superior clinical education. This prestigious university is not just an educational establishment but a beacon of medical excellence, contributing significantly to the healthcare sector. Since, past five years several faculty members of this university were listed among the top 2% researchers of the world as per the ranking released by Stanford University, USA
(<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/6>).

KGMU's commitment to research is unparalleled. It actively promotes a research culture and invests in training its faculty, residents, and students in advanced research methodologies. The university's dedication to both basic and clinical research has positioned it as one of the leading contributors to medical research articles in India. This emphasis on research not only enhances the university's academic profile but also ensures that its medical practices are continually updated and aligned with the latest advancements in the medical field. This policy framework is designed to foster a robust and dynamic research environment, with a focus on innovation, collaboration, and excellence in

medical research. It's important to tailor each section to the specific context and needs of your institution and the healthcare landscape in India.

In the pursuit of truth and the dissemination of authentic scientific knowledge, there is an imperative need for rigorous, responsible research and innovation in KGMU's current medical research landscape. This commitment is crucial for contributing to enhancing the global ranking of KGMU. Upholding ethical standards to enhance research quality while preventing academic misconduct, including plagiarism, is paramount.

Vision and Mission Statement

1. Our vision is to solve our own medical problems, like tropical neurological diseases, with better diagnosis and better treatment through high-quality multidisciplinary and collaborative research and make KGMU a global centre for research, development and innovation.
2. Our mission is to
 - A. Prioritize research in public health, clinical trials, drug development, and innovative medical technologies.
 - B. Create and milieu of innovation and incorporate artificial intelligence in medical research.
 - C. Promote multidisciplinary collaborations and translational research and care in the field of medical/ dental and paramedical sciences.
 - D. Develop evidence-based resources and skilled professionals in the field.

Aims and objectives

1. Provide guidelines for internal funding opportunities. Assist researchers in applying for external grants, including government and private sector funding. Establish a transparent process for allocating research funds.
2. Ensure access to state-of-the-art laboratories and research facilities. Provide digital resources, including access to international medical journals and databases. Support with statistical analysis and technical expertise.
3. Encourage research skill development through workshops, seminars, and conferences.
4. Implement a mentorship program for young researchers. Offer research fellowships and internships for medical students.

5. Adhere to national and international guidelines for medical research ethics. Establish an Institutional Review Board (IRB) to oversee research protocols.
6. Ensure compliance with data protection laws and patient confidentiality.
7. Foster partnerships with other research institutes at national level and international level, hospitals, and industry. Promote international collaborations for exchange of knowledge and resources. Encourage participation in global health initiatives.
8. Encourage researchers to publish findings in reputed medical journals. Organize annual research symposiums to showcase work. Engage with media and public health forums to disseminate research outcomes.
9. Encourage translational research for the development of new treatments and technologies.
10. Provide guidance on patents, intellectual property rights, and commercialization. Collaborate with industry for practical application of research findings.
11. Implement a fair and transparent system for evaluating research performance. Recognize outstanding research contributions with awards and incentives. Provide opportunities for career advancement based on research achievements.
12. Regularly review and update research policies based on feedback from faculty and researchers. Conduct periodic audits to assess the effectiveness of research programs. Stay adaptable to emerging trends and challenges in medical research.

To fulfil the objectives of the Research and Development (R & D) there are faculty members who took the responsibility in the University and coordinated extramural and intramural research grants. The University has an ICMR and GCP standard-compliant Institutional Ethics Committee with competent internal and renowned external members. The Institutional Ethics Committee has been registered with DCGI vide registration No. ECR/262/Inst/UP/2013 dated 05.06.2013, has been re-registered vide registration No. ECR/262/Inst/UP/2013/RR-16 dated 21st June 2017 for three years, and again vide registration No. ECR/262/Inst/UP/2013/RR-19 dated 28th November 2019 for five years. The ethics committee helps the faculty and students to beat/minimize the ethical challenges that may take place during the research. Every year 400-700 proposals are screened, assessed, and given ethical approval after

the University ethics committee meeting (ECMs). These proposals come from various categories including thesis-related proposals, and protocols approved and supported by various govt./ non-govt. funding agencies as well as from various postgraduation/ graduation courses i.e. proposals related to intramural and extramural research grants, clinical trials, courses like PhD/ DM/ MCh/ MD/ MS/ MDS/ MHA/ MHPE/ MSc (Nursing) M.Phil/Fellowships/studentship MBBS/ BDS etc. Initially, 4-6 ECMs were done but because of the increase in the number of proposals, the number of ECMs were increased with the consensus of the Head of the Institution and Chairperson, EC, Member Secretary, and learned members of the EC.

Research Methodology teaching and training courses/workshops/seminars are organized by Research Faculty from time to time for faculty and students including a Ph.D. foundation course for the research scholars of the University. In addition, evidence-based medicine workshops are also organized at regular intervals to inculcate a scientific working environment. To develop interest and encourage research ICMR research methodology (RM) course is mandatory for the promotion of the faculty of the University.

The University consistently makes an effort to inculcate the habit of research among young faculty and medical students. R&D provides intramural seed grants for junior faculty, postgraduates, and undergraduates every year to promote and support high-quality research work culture and place them in a position of advantage. To encourage the faculty and students awards are conferred to the corresponding author and certificates are given to each of the co-author(s) during the research showcase. These awards are given based on poster competitions, presentations, and publication impact factors (2>). Such events inspire the faculty and students of the University to take interest in the research. University provides funds to young faculty and students on a competitive basis. Regular meetings are held with grant winners to guide them through the process of obtaining approvals, completing formalities, and submitting reports. University also encourages them to publish their research findings in reputed medical journals. For which various support are given as per their requirement and also time to time guidelines are circulated to update.

There are several extramural grants from national funding agencies like the Department of Health Research (DHR); Indian Council of Medical Research (ICMR), Department Biotechnology (DBT); Department of Science & Technology (DST); UP Council of Science & Technology (UPCST) and international funding agencies like World Health Organization (WHO), UNICEF, Bill & Melinda Gates foundation etc. and private pharmaceutical and Clinical Research Organizations. In addition, University provides a conducive environment that also supports the faculty and students of the University in

many ways. There are signed MoUs with many National and International eminent Academic and Research Institutes to do collaborative research.

KGMU organizes Annual Research Showcase to project published as well as ongoing research works of the University. University gives Dr Dhavendra Kumar Young Investigator Award and Gold Medal every year to a young faculty member for excellence in clinical and applied research as adjudged by their research grants, publications and long-term vision. Awards for papers published in high impact factor journals and recognition for excellence in research are also given annually. University offers financial support for faculty members of the University in filing Patents. To improve departmental capacity for research and scientific writing, intra-department Scientific Review Committees have been formed for scientific review of research proposals and theses. An advanced Centre for Advanced Research (CFAR) has been established in the University with the aim to conduct high-end research in state-of-the-art laboratories.

There are 271 ongoing projects in 40 departments with extramural funding through various agencies in the year 2022-23. Out of these 193 were govt. Agencies sponsored; 15 were International Agencies sponsored and 63 were Industry sponsored Research Projects.

A total of Rs. 23.33 crores were received as extramural funding during the financial year 2022-23. Out of which Rs. 16.03 crores were received from Government Agencies; Rs. 4.99 crores received from International Agencies and Rs. 2.31 crores from Pharmaceutical companies. Funds have been received from National & International funding agencies like Bill & Melinda Gates foundation, USA; JIV DAYA Foundation; UNICEF; DHR; DBT; ICMR; DST; UPCST etc.

The University has ICMR and GCP Standard compliant Institutional Ethics Committee with competent internal and renowned external members. During the last one year, Institutional Ethics Committee met 09 times and had reviewed 297 new research proposals including National and International sponsored research projects; PG and PhD Thesis work; Intramural research Projects and Clinical Trials. IEC also reviewed 30 modifications in addition to the new proposals.

A total of 10 PhD scholars have been awarded PhD degree in last one year; 18 students had joined PhD program of KGMU for the session 2022-23.

The University has continued its support to young faculty and students for doing research. In the year 2022-23 Intramural Research Projects amounting to a total of Rs. 34.41 lakh have been sanctioned for funding to 3 faculty members, 20 resident doctors and 14 undergraduate students.

We have renewed the subscription of Originality Check Software "iThenticate", to continue our commitment of zero tolerance towards plagiarism and to stop plagiarism & improve research/learning by promoting original writing and critical thinking.

Key elements of the research promotion policy of KGMU

Foster a Research-Friendly Environment

Encourage Collaboration: Promote interdisciplinary collaborations within the institution and with external partners, including other research institutions and industry.

Research Culture: Create a culture that values and rewards high-quality research. Recognize and celebrate research achievements.

Invest in Infrastructure and Resources

State-of-the-Art Facilities: Ensure researchers have access to modern labs, equipment, and technology.

Access to Data: Facilitate access to comprehensive databases and patient registries for clinical research.

Provide Adequate Funding and Grants

Internal Funding Programs: Establish grant programs to provide seed funding for promising research.

Assistance in Securing External Funding: Offer support in identifying and applying for external grants.

Enhance Training and Development

Research Methodology Workshops: Organize workshops on research design, statistical analysis, and other key skills.

Mentorship Programs: Pair less experienced researchers with seasoned investigators for guidance and support.

Improve Manuscript Writing and Submission

Writing Support: Offer services such as scientific writing workshops, and editing assistance to improve the quality of manuscripts.

Publication Strategy: Advise researchers on choosing the right journals and on effective submission strategies.

Establish Clear Guidelines

Publication Policies: Develop clear policies on authorship, data sharing, and ethical research practices.

Performance Metrics: Include quality and quantity of publications as a criterion in performance evaluations.

Promote Ethical Research Practices

Compliance and Integrity: Ensure all research complies with ethical standards and regulatory requirements.

Data Transparency: Encourage open sharing of data where possible, while respecting patient confidentiality.

Encourage Participation in Scientific Communities

Conference Participation: Support attendance and presentations at national and international conferences.

Networking Opportunities: Facilitate networking with leading researchers and industry experts.

Incentivize High-Quality Publications

Recognition and Rewards: Implement a system of recognition and rewards for high-impact publications.

Career Advancement: Tie high-quality publications to career progression opportunities.

Regular Assessment and Feedback

Performance Reviews: Regularly review publication outputs to assess progress and identify areas for improvement.

Feedback Mechanisms: Establish channels for researchers to provide feedback on the support and resources available.

Research support

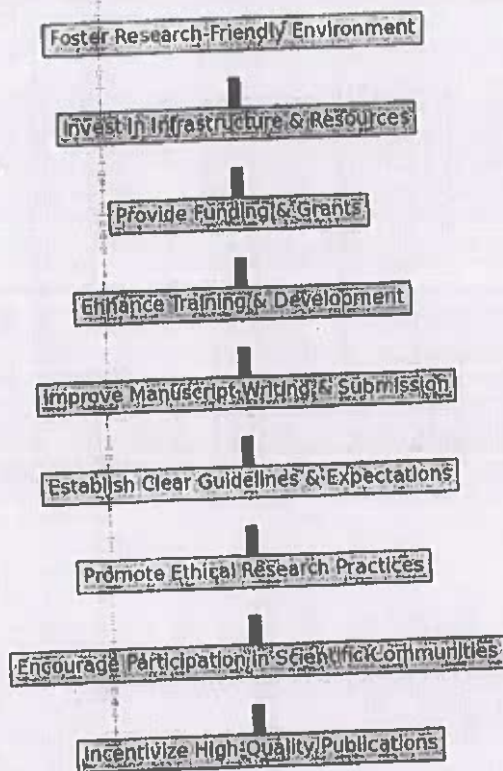
KGMU provides services to facilitate research activities, such as funding, training, access to equipment and facilities, ethical review boards, data management, and possibly collaboration opportunities within the institution. EndNote, iThenticate, SPSS (latest version), Mendeley, Grammarly along with SCOPUS, Web of Science, SciVal and other essential software should be made available at institutional level and all researcher should made familiar with this software.

Research grant

Research grants are actively being sought from both national and international funding bodies. Efforts are being made to engage the government in discussions to secure research funds for intramural research grants. The goal is to ensure that a majority of the faculty members receive grants of at least Rs 500,000. This initiative is aimed at bolstering the research capabilities of the faculty, enabling them to pursue innovative and impactful studies that can contribute to the advancement of medical science. The approach for funding encompasses a strategic pursuit of diverse financial resources to support a wide array of research projects within the institution.

A dedicated Research Methodology Training Unit

The dedicated Research Methodology Training Unit at KGMU currently provides research methodology training throughout the year. It is possible to develop value-added certificate courses covering various aspects of Research Methodology, featuring a structured program that includes both training and evaluation.



Publications

Publications in scholarly journals that have undergone peer review are the key indicators of academic achievement. The independence of a researcher's work is typically demonstrated through publications that extend beyond their formal education and training period. The merit and notable achievements in a researcher's field are not determined by the sheer number of their publications. The focus should be on the quality rather than the quantity of work. Nevertheless, it is essential for the researcher to maintain a steady and ongoing record of publications in top-tier peer-reviewed journals relevant to their area of expertise. The researcher's work should clearly display well-established objectives, forming one or several cohesive and impactful research trajectories.

MBBS/ BDS students

Each student should be encouraged to take small projects of their choice (6 months) followed by its mandatory publication in a SCOPUS indexed journals. They should be encouraged to cite publications from the KGMU. For that they should be given a small grant, expedited ethical clearance and mentorship of a senior faculty.

PG/ Superspeciality/ PhD/ Fellowship students

All PG theses should be sent for publication in SCOPUS/PubMed indexed journals. All PG/ Superspeciality/ PhD/ Fellowship students of clinical side should mandatorily publish a case-report at least in a year in SCOPUS/PubMed indexed journals. Residents while presenting JOURNAL CLUB should write a "letter to the editor" on the article that are discussed.

Faculty

All faculty should be encouraged to write original publications out of theses they guide. Faculty of clinical side encouraged submit reports of interesting cases in SCOPUS/PubMed indexed journals.

Policy on predatory journals and predatory conferences

In a large medical institution, the policy addressing predatory journals and conferences is comprehensive and multifaceted, focusing on education, prevention, and enforcement to safeguard academic integrity and research quality. Predatory entities are characterized by misleading publication practices, nominal or absent peer-review processes, and the prioritization of profit over scholarship. To combat this, the institution implements a rigorous verification process to discern the credibility of journals and conferences, often utilizing established checklists and referencing reputable databases. Faculty, researchers, and students receive thorough training on identifying such deceptive entities, with emphasis on understanding the importance of ethical publishing and the risks to one's professional reputation and the scientific community at large. The policy mandates that any academic work intended for publication or presentation must undergo scrutiny and receive approval from a dedicated committee to ensure compliance with scholarly standards. This oversight extends to recognizing only publications and participations in credible and vetted platforms when considering academic achievements for promotions, grants, or tenure. A clear reporting system is in place for individuals to flag potential predatory solicitations, which are then investigated by the institution. In instances of deliberate engagement with predatory journals or conferences, the policy outlines disciplinary measures to deter such activities. Furthermore, the policy provides robust support for legitimate scholarly dissemination, including access to resources that assist in identifying reputable venues. Ongoing monitoring and adaptation of the policy ensure that it remains

responsive to the evolving tactics of predatory publishers. Collaboration with external academic networks reinforces the institution's stance and contributes to broader efforts to maintain the integrity of scholarly communication. Through this policy, the institution reaffirms its commitment to upholding the highest standards of research and academic excellence.

Policy on AI generated contents

King George Medical University (KGMU) in Lucknow, India, is at the forefront of incorporating Artificial Intelligence (AI) into medical research and healthcare, adhering to the ethical guidelines set forth by the Indian Council of Medical Research (ICMR). These guidelines dictate a responsible application of AI, emphasizing ethical use, patient consent, and data privacy in accordance with the National Data Governance Framework Policy. KGMU ensures that patients and research subjects are fully informed about AI's role in their healthcare or research involvement, maintaining transparency as a core value. This transparency extends to disclosing AI's capabilities and limitations, fostering an environment of trust. The university maintains a commitment to professional competence in AI, providing ongoing education to healthcare professionals. This facilitates a balance between state-of-the-art AI applications and the critical, ethical practice of medicine. KGMU has also put in place robust oversight mechanisms to monitor AI applications, aimed at preventing biases, errors, and misuse, thus upholding patient welfare and research integrity. KGMU's adherence to the ICMR guidelines signifies an active endeavor towards an AI strategy that champions ethical, transparent, and inclusive principles. The institution's proactive stance includes a focus on AI literacy, ensuring the KGMU community stays informed and competent in the evolving AI landscape. Moreover, KGMU's approach to AI is non-discriminatory, ensuring applications promote health equity and do not perpetuate disparities. The data sets for AI at KGMU are comprehensive, representing the varied demographics of India to prevent biased outcomes in AI-assisted decision-making.

<https://main.icmr.nic.in/content/ethical-guidelines-application-artificial-intelligence-biomedical-research-and-healthcare>

Policy on preprint publications

The institution encourages researchers to submit their work to reputable preprint servers that align with the field of medicine and biomedical sciences. Our policy on preprints emphasizes transparency and responsible reporting, with a commitment to update or withdraw preprints if significant errors are identified. However, the policy also stipulates that researchers must clearly indicate the preprint status of their publications to avoid misrepresentation as peer-reviewed work. They must also be mindful of the potential implications for patient care.

and public health messages. The institution urges caution, advising that clinical decisions should not be based solely on findings presented in preprints.

Policy on conflict of interest

All researchers are required to disclose any financial interests or personal relationships that might influence, or appear to influence, their institutional duties. This includes, but is not limited to, equity or ownership interests, consultancy, advisory roles, board membership in companies, or receipt of gifts, grants, and honoraria. Conflict of interest information need to be disclosed whenever required.

Policy on publication charges

Our policy on publication charges states that authors are responsible for managing article processing charges (APCs) for open access journals. While the institution supports open access as a means of enhancing the visibility and impact of research, it encourages authors to seek funds from research grants or learning resource allowances (LRA) where available. The policy also emphasizes the need to select reputable journals and avoid predatory publishers. Support is available for authors needing advice on funding APCs, with a strong institutional commitment to equal access to publishing opportunities, regardless of financial constraints.

Center of systematic review and meta-analysis

In KGMU, a center of systematic review and meta-analysis works other than Cochrane network. Faculty is encouraged to write at least single PROSPERO registered systematic review and/or meta-analysis every year. Our Institution has subscription to EMBASE. This endeavor will enhance quality publications from KGMU.

Policy on Plagiarism

The policy on plagiarism in accordance with UGC (University Grants Commission) guidelines mandates strict adherence to academic integrity and the creation of original work. Plagiarism, defined as the representation of another's work or ideas as one's own without proper attribution, is strictly prohibited. The policy requires all academic institutions to educate and train students, faculty, and researchers on responsible research practices and the serious implications of plagiarism.

KGMU use licensed software to check for plagiarism in academic writings. The UGC mandates that a certain percentage of similarity could be permissible, but anything above that threshold would be considered a breach of policy. In cases of plagiarism identified, the policy outlines a graded approach to penalties. These range from minor breaches, requiring revision of the manuscript, to major

instances, leading to penalties such as cancellation of the publication, denial of degrees, or in severe cases, termination of employment.

We establish of an institutional body as per UGC guidelines to handle reported cases of plagiarism, ensuring a transparent and fair review process. This committee is responsible for investigating allegations, hearing the concerned parties, and recommending penalties in accordance with the severity of the plagiarism incident.

Policy on other kinds of research misconduct

Our institution is committed to upholding the highest standards of integrity and ethics in research. This policy addresses research misconduct excluding plagiarism, defining it as fabrication, falsification, or any other practices that deviate significantly from those commonly accepted within the academic community for proposing, conducting, or reporting research. Fabrication involves making up data or results, while falsification entails manipulating research materials, equipment, or processes, or changing or omitting data or results in a way that misrepresents the research. It is our policy that any allegation of misconduct will be thoroughly investigated in accordance with established procedures, ensuring confidentiality and fairness. All members of the institution, including residents, students, and faculty, are required to report observed, suspected, or apparent misconduct. The institution will take appropriate disciplinary action against individuals found guilty of misconduct, which may include retraction of publications, restitution of funds, termination of employment, or other measures as deemed necessary. KGMU is committed to fostering a research environment that discourages misconduct and promotes ethical practices, recognizing that the integrity of our research is fundamental to the excellence and reputation of our institution.

Policy on retracted publications

KGMU's policy on retracted publications underscores our commitment to academic integrity and the reliability of research. Recognizing the gravity of retraction due to issues like misconduct, error, or unethical practices, we require researchers to immediately report any potential flaws in their published works. Upon such notification, a thorough, impartial investigation is initiated to determine the necessity of retraction or correction. If retraction is warranted, we ensure wide communication of this change, including notification of co-authors, collaborators, and relevant academic forums, along with updating or labeling the publication in our repositories. Researchers involved in misconduct leading to retraction may face disciplinary actions as per KGMU act and statutes. Conversely, in cases of honest error, we offer support to the researchers for corrective measures and future prevention.

Policy about dissemination of published research work on social media and press

KGMU acknowledges the vital role of social media in disseminating research and is dedicated to its responsible use. We've developed a policy for sharing research on these platforms: only peer-reviewed, journal-published research is suitable for sharing, with clear identification of preliminary or non-peer-reviewed findings. Accuracy in representing research findings is essential, avoiding sensationalism and misinterpretation. Researchers must respect confidentiality and ethics, especially regarding patient data, and comply with publishers' policies, including copyright and open access rules. Social media communications should be professional, aligning with our institutional values, and personal views must be distinct from institutional ones. We encourage respectful, constructive engagement in academic discourse, avoiding unprofessional behavior. KGMU will monitor and ensure compliance with this policy, addressing deviations swiftly. KGMU is committed to providing training and resources to aid researchers in effective, ethical social media use. This policy, reviewed and updated regularly, aims to enhance the positive impact of social media in research dissemination while maintaining our high standards of professionalism and ethical practice.

Policy on authorship in a research publication

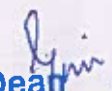
Authorship policies in medical institutions are designed to maintain ethical standards and transparency in research publications. These policies typically define who qualifies for authorship based on their contributions to the research. Common criteria include significant involvement in the conception and design of the study, data collection, or analysis and interpretation of data. Participation in drafting the article or revising it critically for important intellectual content is also a key factor. Additionally, to be listed as an author, individuals are often required to approve the final version of the manuscript to be published and agree to be accountable for all aspects of the work. This ensures that all authors are responsible for the accuracy and integrity of the work. These policies help prevent practices like "gift authorship," where individuals are named as authors without having made a substantial contribution, and "ghost authorship," where significant contributors are not listed. They aim to uphold the integrity of scientific research by ensuring that credit is given where it is due and that all authors bear responsibility for their work.

Policies	Guidelines/ Institutional support
Foster a Research-Friendly Environment	➔ To make the research protocol submission process hassle-free by simplifying the submission process and switching to online platform from offline

		- mode ✦ Research orientation programs ✦ Promoting collaborative research ✦ Creating more opportunities for research
Invest Infrastructure Resources	in and	✦ Expanding the research cell ✦ Increasing budget for more software (Plagiarism check, online submission portal, cloud to store data online, AI support)
Provide Adequate Funding and Grants		✦ Increasing the intramural grant numbers and amounts for faculties and students
Enhance Training and Development		✦ Expanding the training and teaching activities related to research in the academic calendar of research cell
Improve Manuscript Writing and Submission		✦ Supporting workshops and trainings periodically to improve the manuscript writing
Establish Clear Guidelines		✦ Updating the existing ethical approval guidelines
Promote Ethical Research Practices		✦ Conducting activities/workshops/CMEs to increase awareness for ethical practices in research
Encourage Participation in Scientific Communities	in	✦ Encouraging researchers, faculties and students to join research communities like- ResearchGate, Academia, Vidwan. ✦ To make it compulsory to have an ORCID, or Web of Science, or SCOPUS researcher ID
Incentivize High-Quality Publications		✦ Publications (Original research, Systematic reviews, Meta-analysis) with impact factor more than 2 are awarded during research showcase every year
Regular Assessment and Feedback		✦ Regular assessment of ongoing research (updates/ status report) ✦ Regular update and reporting of ADRs observed in research ✦ Regular update on the status of research of KGMU (Number of publications, H-index and other relevant research parameters that improves the ranking of the institute in global forum)
Research support		✦ Increasing the resources for research ✦ Facilitating access to databases (SCOPUS, EMBASE, EBOSCO) ✦ Increasing intramural funding

	Collaborating with reputed institutions globally
Research grant	- Increasing the amount of grants and number of grants - Call for intramural grants to be increased to twice a year
A dedicated Research Methodology Training Unit	Developing a dedicated Research Methodology Training Unit which will continuously conduct basic to advances workshops and CMEs on research
Publications	Incentives for high-quality publications (awards in research showcase)
Student research	- Promoting students for ICMR-STs grant, Intramural grant - Enhancing mentor-mentee network to support student's research - Increasing amount of grants and number of grants for students
Faculty research	- Increasing the amount of grants and number of grants - Call for intramural grants to be increased to twice a year - Increasing the resources for research - Facilitating access to databases (SCOPUS, EMBASE, EBOSCO)
Policy on predatory journals and predatory conferences	Strict disciplinary action on publishing in predatory journals and attending predatory conferences repeatedly
Policy on AI generated contents	- Promoting sensible and responsible use of AI - Adhering to the norms of ICMR on AI-generated content (https://main.icmr.nic.in/sites/default/files/upload_documents/Ethical_Guidelines_AI_Healthcare_2023.pdf)
Policy on preprint publications	Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on conflict of interest	Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on publication charges	The faculty can pay the publication charges from the LRA
Center of systematic	Developing centre of systematic review and

review and meta-analysis	meta-analysis in collaboration with Cochrane India group
Policy on Plagiarism	✱ Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on other kinds of research misconduct	✱ Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on retracted publications	✱ Adhering to the norms of ICMR and UGC (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf ; https://www.ugc.gov.in/e-book/UGC_GARP_2020_Good%20Academic%20Research%20Practices.pdf)
Policy about dissemination of published research work on social media and press	✱ The institute gives liberty to discuss/disseminate about the findings of their research on media / social media platforms
Policy on authorship in a research publication	✱ Adhering to the norms of ICMR and UGC (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf ; https://www.ugc.gov.in/e-book/UGC_GARP_2020_Good%20Academic%20Research%20Practices.pdf)


 Dear
 Academics
 K.G. Medical University U.P.
 Lucknow



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2	Digital Revised Research Promotion Policy
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Archiya
Registrar
King George Medical University
Lucknow

Research Promotion Policy of King George's Medical University (KGMU)



Revised Version

Approved by Academic council in its meeting held on 24th August 2024

Approved by Executive council in its meeting held on 6th November 2024

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5. Adhere to national and international guidelines for medical research ethics. Establish an Institutional Review Board (IRB) to oversee research protocols.
6. Ensure compliance with data protection laws and patient confidentiality.
7. Foster partnerships with other research institutes at national level and international level, hospitals, and industry. Promote international collaborations for exchange of knowledge and resources. Encourage participation in global health initiatives.
8. Encourage researchers to publish findings in reputed medical journals. Organize annual research symposiums to showcase work. Engage with media and public health forums to disseminate research outcomes.
9. Encourage translational research for the development of new treatments and technologies.
10. Provide guidance on patents, intellectual property rights, and commercialization. Collaborate with industry for practical application of research findings.
11. Implement a fair and transparent system for evaluating research performance. Recognize outstanding research contributions with awards and incentives. Provide opportunities for career advancement based on research achievements.
12. Regularly review and update research policies based on feedback from faculty and researchers. Conduct periodic audits to assess the effectiveness of research programs. Stay adaptable to emerging trends and challenges in medical research.

To fulfil the objectives of the Research and Development (R & D) there are faculty members who took the responsibility in the University and coordinated extramural and intramural research grants. The University has an ICMR and GCP standard-compliant Institutional Ethics Committee with competent internal and renowned external members. The Institutional Ethics Committee has been registered with DCGI vide registration No. ECR/262/Inst/UP/2013 dated 05.06.2013, has been re-registered vide registration No. ECR/262/Inst/UP/2013/RR-16 dated 21st June 2017 for three years, and again vide registration No. ECR/262/Inst/UP/2013/RR-19 dated 28th November 2019 for five years. The ethics committee helps the faculty and students to beat/minimize the ethical challenges that may take place during the research. Every year 400-700 proposals are screened, assessed, and given ethical approval after

the University ethics committee meeting (ECMs). These proposals come from various categories including thesis-related proposals, and protocols approved and supported by various govt./ non-govt. funding agencies as well as from various postgraduation/ graduation courses i.e. proposals related to intramural and extramural research grants, clinical trials, courses like PhD/ DM/ MCh/ MD/ MS/ MDS/ MHA/ MHPE/ MSc (Nursing) M.Phil/Fellowships/studentship MBBS/ BDS etc. Initially, 4-6 ECMs were done but because of the increase in the number of proposals, the number of ECMs were increased with the consensus of the Head of the Institution and Chairperson, EC, Member Secretary, and learned members of the EC.

Research Methodology teaching and training courses/workshops/seminars are organized by Research Faculty from time to time for faculty and students including a Ph.D. foundation course for the research scholars of the University. In addition, evidence-based medicine workshops are also organized at regular intervals to inculcate a scientific working environment. To develop interest and encourage research ICMR research methodology (RM) course is mandatory for the promotion of the faculty of the University.

The University consistently makes an effort to inculcate the habit of research among young faculty and medical students. R&D provides intramural seed grants for junior faculty, postgraduates, and undergraduates every year to promote and support high-quality research work culture and place them in a position of advantage. To encourage the faculty and students awards are conferred to the corresponding author and certificates are given to each of the co-author(s) during the research showcase. These awards are given based on poster competitions, presentations, and publication impact factors (2₊). Such events inspire the faculty and students of the University to take interest in the research. University provides funds to young faculty and students on a competitive basis. Regular meetings are held with grant winners to guide them through the process of obtaining approvals, completing formalities, and submitting reports. University also encourages them to publish their research findings in reputed medical journals. For which various support are given as per their requirement and also time to time guidelines are circulated to update.

There are several extramural grants from national funding agencies like the Department of Health Research (DHR); Indian Council of Medical Research (ICMR), Department Biotechnology (DBT); Department of Science & Technology (DST); UP Council of Science & Technology (UPCST) and international funding agencies like World Health Organization (WHO), UNICEF, Bill & Melinda Gates foundation etc. and private pharmaceutical and Clinical Research Organizations. In addition, University provides a conducive environment that also supports the faculty and students of the University in

many ways. There are signed MoUs with many National and International eminent Academic and Research Institutes to do collaborative research.

KGMU organizes Annual Research Showcase to project published as well as ongoing research works of the University. University gives Dr Dhavendra Kumar Young Investigator Award and Gold Medal every year to a young faculty member for excellence in clinical and applied research as adjudged by their research grants, publications and long-term vision. Awards for papers published in high impact factor journals and recognition for excellence in research are also given annually. University offers financial support for faculty members of the University in filing Patents. To improve departmental capacity for research and scientific writing, intra-department Scientific Review Committees have been formed for scientific review of research proposals and theses. An advanced Centre for Advanced Research (CFAR) has been established in the University with the aim to conduct high-end research in state-of-the-art laboratories.

There are 271 ongoing projects in 40 departments with extramural funding through various agencies in the year 2022-23. Out of these 193 were govt. Agencies sponsored; 15 were International Agencies sponsored and 63 were Industry sponsored Research Projects.

A total of Rs. 23.33 crores were received as extramural funding during the financial year 2022-23. Out of which Rs. 16.03 crores were received from Government Agencies; Rs. 4.99 crores received from International Agencies and Rs. 2.31 crores from Pharmaceutical companies. Funds have been received from National & International funding agencies like Bill & Melinda Gates foundation, USA; JIV DAYA Foundation; UNICEF; DHR; DBT; ICMR; DST; UPCST etc.

The University has ICMR and GCP Standard compliant Institutional Ethics Committee with competent internal and renowned external members. During the last one year, Institutional Ethics Committee met 09 times and had reviewed 297 new research proposals including National and International sponsored research projects; PG and PhD Thesis work; Intramural research Projects and Clinical Trials. IEC also reviewed 30 modifications in addition to the new proposals.

A total of 10 PhD scholars have been awarded PhD degree in last one year; 18 students had joined PhD program of KGMU for the session 2022-23.

The University has continued its support to young faculty and students for doing research. In the year 2022-23 Intramural Research Projects amounting to a total of Rs. 34.41 lakh have been sanctioned for funding to 3 faculty members, 20 resident doctors and 14 undergraduate students.

We have renewed the subscription of Originality Check Software “iThenticate”, to continue our commitment of zero tolerance towards plagiarism and to stop plagiarism & improve research/learning by promoting original writing and critical thinking.

Key elements of the research promotion policy of KGMU

Foster a Research-Friendly Environment

Encourage Collaboration: Promote interdisciplinary collaborations within the institution and with external partners, including other research institutions and industry.

Research Culture: Create a culture that values and rewards high-quality research. Recognize and celebrate research achievements.

Invest in Infrastructure and Resources

State-of-the-Art Facilities: Ensure researchers have access to modern labs, equipment, and technology.

Access to Data: Facilitate access to comprehensive databases and patient registries for clinical research.

Provide Adequate Funding and Grants

Internal Funding Programs: Establish grant programs to provide seed funding for promising research.

Assistance in Securing External Funding: Offer support in identifying and applying for external grants.

Enhance Training and Development

Research Methodology Workshops: Organize workshops on research design, statistical analysis, and other key skills.

Mentorship Programs: Pair less experienced researchers with seasoned investigators for guidance and support.

Improve Manuscript Writing and Submission

Writing Support: Offer services such as scientific writing workshops, and editing assistance to improve the quality of manuscripts.

Publication Strategy: Advise researchers on choosing the right journals and on effective submission strategies.

Establish Clear Guidelines

Publication Policies: Develop clear policies on authorship, data sharing, and ethical research practices.

Performance Metrics: Include quality and quantity of publications as a criterion in performance evaluations.

Promote Ethical Research Practices

Compliance and Integrity: Ensure all research complies with ethical standards and regulatory requirements.

Data Transparency: Encourage open sharing of data where possible, while respecting patient confidentiality.

Encourage Participation in Scientific Communities

Conference Participation: Support attendance and presentations at national and international conferences.

Networking Opportunities: Facilitate networking with leading researchers and industry experts.

Incentivize High-Quality Publications

Recognition and Rewards: Implement a system of recognition and rewards for high-impact publications.

Career Advancement: Tie high-quality publications to career progression opportunities.

Regular Assessment and Feedback

Performance Reviews: Regularly review publication outputs to assess progress and identify areas for improvement.

Feedback Mechanisms: Establish channels for researchers to provide feedback on the support and resources available.

Research support

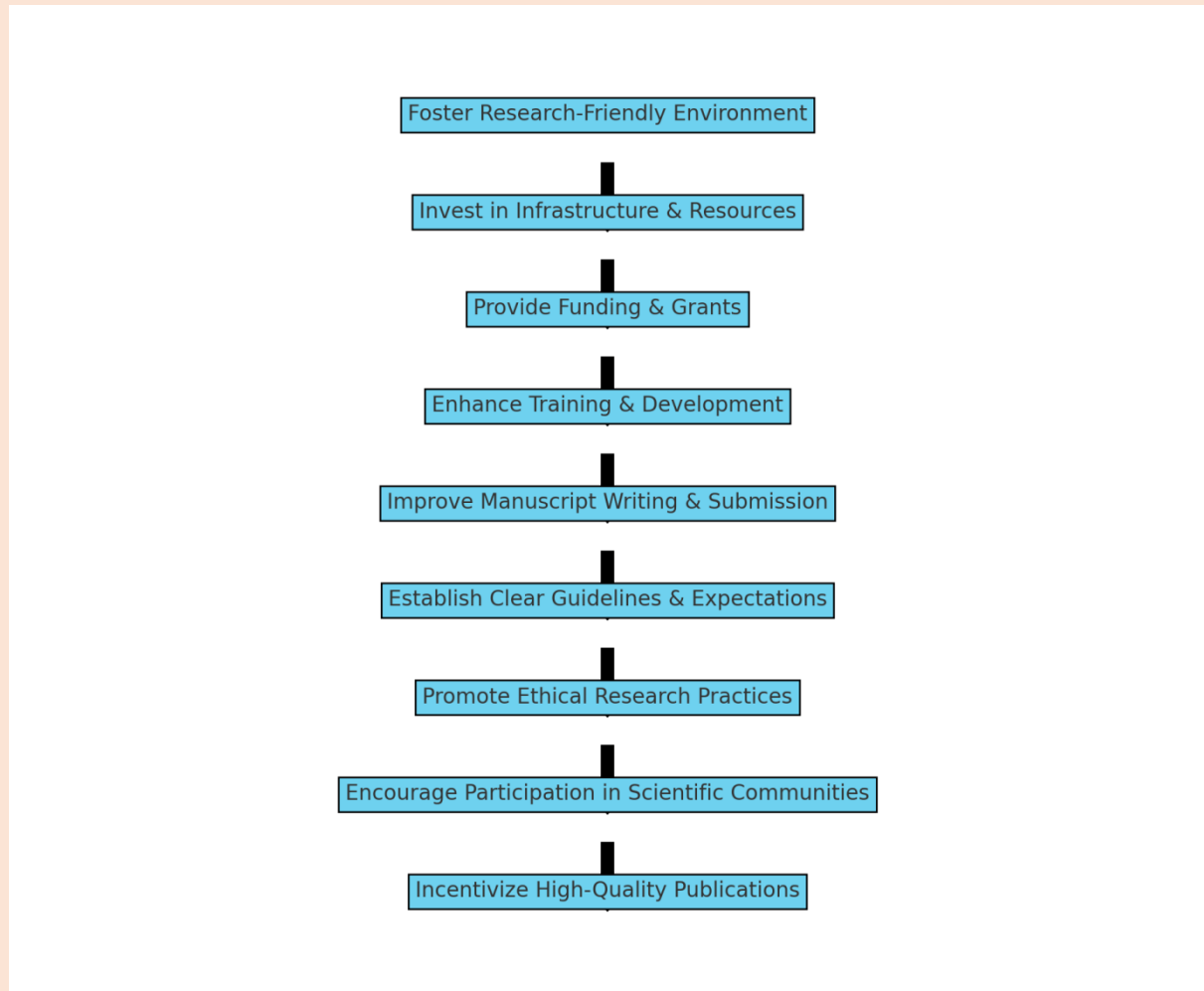
KGMU provides services to facilitate research activities, such as funding, training, access to equipment and facilities, ethical review boards, data management, and possibly collaboration opportunities within the institution. EndNote, iThenticate, SPSS (latest version), Mendeley, Grammarly along with SCOPUS, Web of Science, SciVal and other essential software should be made available at institutional level and all researcher should made familiar with this software.

Research grant

Research grants are actively being sought from both national and international funding bodies. Efforts are being made to engage the government in discussions to secure research funds for intramural research grants. The goal is to ensure that a majority of the faculty members receive grants of at least Rs 500,000. This initiative is aimed at bolstering the research capabilities of the faculty, enabling them to pursue innovative and impactful studies that can contribute to the advancement of medical science. The approach for funding encompasses a strategic pursuit of diverse financial resources to support a wide array of research projects within the institution.

A dedicated Research Methodology Training Unit

The dedicated Research Methodology Training Unit at KGMU currently provides research methodology training throughout the year. It is possible to develop value-added certificate courses covering various aspects of Research Methodology, featuring a structured program that includes both training and evaluation.



Publications

Publications in scholarly journals that have undergone peer review are the key indicators of academic achievement. The independence of a researcher's work is typically demonstrated through publications that extend beyond their formal education and training period. The merit and notable achievements in a researcher's field are not determined by the sheer number of their publications. The focus should be on the quality rather than the quantity of work. Nevertheless, it is essential for the researcher to maintain a steady and ongoing record of publications in top-tier peer-reviewed journals relevant to their area of expertise. The researcher's work should clearly display well-established objectives, forming one or several cohesive and impactful research trajectories.

MBBS/ BDS students

Each student should be encouraged to take small projects of their choice (6 moths) followed by its mandatory publication in a SCOPUS indexed journals. They should be encouraged to cite publications from the KGMU. For that they should be given a small grant, expedited ethical clearance and mentorship of a senior faculty.

PG/ Superspeciality/ PhD/ Fellowship students

All PG theses should be sent for publication in SCOPUS/PubMed indexed journals. All PG/ Superspeciality/ PhD/ Fellowship students of clinical side should mandatorily publish a case-report at least in a year in SCOPUS/PubMed indexed journals indexed journals. Residents while presenting JOURNAL CLUB should write a “letter to the editor” on the article that are discussed.

Faculty

All faculty should be encouraged to write original publications out of theses they guide. Faculty of clinical side encouraged submit reports of interesting cases in SCOPUS/PubMed indexed journals indexed journals.

Policy on predatory journals and predatory conferences

In a large medical institution, the policy addressing predatory journals and conferences is comprehensive and multifaceted, focusing on education, prevention, and enforcement to safeguard academic integrity and research quality. Predatory entities are characterized by misleading publication practices, nominal or absent peer-review processes, and the prioritization of profit over scholarship. To combat this, the institution implements a rigorous verification process to discern the credibility of journals and conferences, often utilizing established checklists and referencing reputable databases. Faculty, researchers, and students receive thorough training on identifying such deceptive entities, with emphasis on understanding the importance of ethical publishing and the risks to one's professional reputation and the scientific community at large. The policy mandates that any academic work intended for publication or presentation must undergo scrutiny and receive approval from a dedicated committee to ensure compliance with scholarly standards. This oversight extends to recognizing only publications and participations in credible and vetted platforms when considering academic achievements for promotions, grants, or tenure. A clear reporting system is in place for individuals to flag potential predatory solicitations, which are then investigated by the institution. In instances of deliberate engagement with predatory journals or conferences, the policy outlines disciplinary measures to deter such activities. Furthermore, the policy provides robust support for legitimate scholarly dissemination, including access to resources that assist in identifying reputable venues. Ongoing monitoring and adaptation of the policy ensure that it remains

responsive to the evolving tactics of predatory publishers. Collaboration with external academic networks reinforces the institution's stance and contributes to broader efforts to maintain the integrity of scholarly communication. Through this policy, the institution reaffirms its commitment to upholding the highest standards of research and academic excellence.

Policy on AI generated contents

King George Medical University (KGMU) in Lucknow, India, is at the forefront of incorporating Artificial Intelligence (AI) into medical research and healthcare, adhering to the ethical guidelines set forth by the Indian Council of Medical Research (ICMR). These guidelines dictate a responsible application of AI, emphasizing ethical use, patient consent, and data privacy in accordance with the National Data Governance Framework Policy. KGMU ensures that patients and research subjects are fully informed about AI's role in their healthcare or research involvement, maintaining transparency as a core value. This transparency extends to disclosing AI's capabilities and limitations, fostering an environment of trust. The university maintains a commitment to professional competence in AI, providing ongoing education to healthcare professionals. This facilitates a balance between state-of-the-art AI applications and the critical, ethical practice of medicine. KGMU has also put in place robust oversight mechanisms to monitor AI applications, aimed at preventing biases, errors, and misuse, thus upholding patient welfare and research integrity. KGMU's adherence to the ICMR guidelines signifies an active endeavor towards an AI strategy that champions ethical, transparent, and inclusive principles. The institution's proactive stance includes a focus on AI literacy, ensuring the KGMU community stays informed and competent in the evolving AI landscape. Moreover, KGMU's approach to AI is non-discriminatory, ensuring applications promote health equity and do not perpetuate disparities. The data sets for AI at KGMU are comprehensive, representing the varied demographics of India to prevent biased outcomes in AI-assisted decision-making.

<https://main.icmr.nic.in/content/ethical-guidelines-application-artificial-intelligence-biomedical-research-and-healthcare>

Policy on preprint publications

The institution encourages researchers to submit their work to reputable preprint servers that align with the field of medicine and biomedical sciences. Our policy on preprints emphasizes transparency and responsible reporting, with a commitment to update or withdraw preprints if significant errors are identified. However, the policy also stipulates that researchers must clearly indicate the preprint status of their publications to avoid misrepresentation as peer-reviewed work. They must also be mindful of the potential implications for patient care

and public health messages. The institution urges caution, advising that clinical decisions should not be based solely on findings presented in preprints.

Policy on conflict of interest

All researchers are required to disclose any financial interests or personal relationships that might influence, or appear to influence, their institutional duties. This includes, but is not limited to, equity or ownership interests, consultancy, advisory roles, board membership in companies, or receipt of gifts, grants, and honoraria. Conflict of interest information need to be disclosed whenever required.

Policy on publication charges

Our policy on publication charges states that authors are responsible for managing article processing charges (APCs) for open access journals. While the institution supports open access as a means of enhancing the visibility and impact of research, it encourages authors to seek funds from research grants or learning resource allowances (LRA) where available. The policy also emphasizes the need to select reputable journals and avoid predatory publishers. Support is available for authors needing advice on funding APCs, with a strong institutional commitment to equal access to publishing opportunities, regardless of financial constraints.

Center of systematic review and meta-analysis

In KGMU, a center of systematic review and meta-analysis works other than Cochrane network. Faculty is encouraged to write at least single PROSPERO registered systematic review and/or meta-analysis every year. Our Institution has subscription to EMBASE. This endeavor will enhance quality publications from KGMU.

Policy on Plagiarism

The policy on plagiarism in accordance with UGC (University Grants Commission) guidelines mandates strict adherence to academic integrity and the creation of original work. Plagiarism, defined as the representation of another's work or ideas as one's own without proper attribution, is strictly prohibited. The policy requires all academic institutions to educate and train students, faculty, and researchers on responsible research practices and the serious implications of plagiarism.

KGMU use licensed software to check for plagiarism in academic writings. The UGC mandates that a certain percentage of similarity could be permissible, but anything above that threshold would be considered a breach of policy. In cases of plagiarism identified, the policy outlines a graded approach to penalties. These range from minor breaches, requiring revision of the manuscript, to major

instances, leading to penalties such as cancellation of the publication, denial of degrees, or in severe cases, termination of employment.

We establish of an institutional body as per UGC guidelines to handle reported cases of plagiarism, ensuring a transparent and fair review process. This committee is responsible for investigating allegations, hearing the concerned parties, and recommending penalties in accordance with the severity of the plagiarism incident.

Policy on other kinds of research misconduct

Our institution is committed to upholding the highest standards of integrity and ethics in research. This policy addresses research misconduct excluding plagiarism, defining it as fabrication, falsification, or any other practices that deviate significantly from those commonly accepted within the academic community for proposing, conducting, or reporting research. Fabrication involves making up data or results, while falsification entails manipulating research materials, equipment, or processes, or changing or omitting data or results in a way that misrepresents the research. It is our policy that any allegation of misconduct will be thoroughly investigated in accordance with established procedures, ensuring confidentiality and fairness. All members of the institution, including residents, students, and faculty, are required to report observed, suspected, or apparent misconduct. The institution will take appropriate disciplinary action against individuals found guilty of misconduct, which may include retraction of publications, restitution of funds, termination of employment, or other measures as deemed necessary. KGMU is committed to fostering a research environment that discourages misconduct and promotes ethical practices, recognizing that the integrity of our research is fundamental to the excellence and reputation of our institution.

Policy on retracted publications

KGMU's policy on retracted publications underscores our commitment to academic integrity and the reliability of research. Recognizing the gravity of retraction due to issues like misconduct, error, or unethical practices, we require researchers to immediately report any potential flaws in their published works. Upon such notification, a thorough, impartial investigation is initiated to determine the necessity of retraction or correction. If retraction is warranted, we ensure wide communication of this change, including notification of co-authors, collaborators, and relevant academic forums, along with updating or labeling the publication in our repositories. Researchers involved in misconduct leading to retraction may face disciplinary actions as per KGMU act and statutes. Conversely, in cases of honest error, we offer support to the researchers for corrective measures and future prevention.

Policy about dissemination of published research work on social media and press

KGMU acknowledges the vital role of social media in disseminating research and is dedicated to its responsible use. We've developed a policy for sharing research on these platforms: only peer-reviewed, journal-published research is suitable for sharing, with clear identification of preliminary or non-peer-reviewed findings. Accuracy in representing research findings is essential, avoiding sensationalism and misinterpretation. Researchers must respect confidentiality and ethics, especially regarding patient data, and comply with publishers' policies, including copyright and open access rules. Social media communications should be professional, aligning with our institutional values, and personal views must be distinct from institutional ones. We encourage respectful, constructive engagement in academic discourse, avoiding unprofessional behavior. KGMU will monitor and ensure compliance with this policy, addressing deviations swiftly. KGMU is committed to providing training and resources to aid researchers in effective, ethical social media use. This policy, reviewed and updated regularly, aims to enhance the positive impact of social media in research dissemination while maintaining our high standards of professionalism and ethical practice.

Policy on authorship in a research publication

Authorship policies in medical institutions are designed to maintain ethical standards and transparency in research publications. These policies typically define who qualifies for authorship based on their contributions to the research. Common criteria include significant involvement in the conception and design of the study, data collection, or analysis and interpretation of data. Participation in drafting the article or revising it critically for important intellectual content is also a key factor. Additionally, to be listed as an author, individuals are often required to approve the final version of the manuscript to be published and agree to be accountable for all aspects of the work. This ensures that all authors are responsible for the accuracy and integrity of the work. These policies help prevent practices like "gift authorship," where individuals are named as authors without having made a substantial contribution, and "ghost authorship," where significant contributors are not listed. They aim to uphold the integrity of scientific research by ensuring that credit is given where it is due and that all authors bear responsibility for their work.

Policies	Guidelines/ Institutional support
Foster a Research-Friendly Environment	 To make the research protocol submission process hassle-free by simplifying the submission process and switching to online platform from offline

	mode ✚ Research orientation programs ✚ Promoting collaborative research ✚ Creating more opportunities for research
Invest in Infrastructure and Resources	✚ Expanding the research cell ✚ Increasing budget for more software (Plagiarism check, online submission portal, cloud to store data online, AI support)
Provide Adequate Funding and Grants	✚ Increasing the intramural grant numbers and amounts for faculties and students
Enhance Training and Development	✚ Expanding the training and teaching activities related to research in the academic calendar of research cell
Improve Manuscript Writing and Submission	✚ Supporting workshops and trainings periodically to improve the manuscript writing
Establish Clear Guidelines	✚ Updating the existing ethical approval guidelines
Promote Ethical Research Practices	✚ Conducting activities/workshops/CMEs to increase awareness for ethical practices in research
Encourage Participation in Scientific Communities	✚ Encouraging researchers, faculties and students to join research communities like- ResearchGate, Academia, Vidwan. ✚ To make it compulsory to have an ORCID, or Web of Science, or SCOPUS researcher ID
Incentivize High-Quality Publications	✚ Publications (Original research, Systematic reviews, Meta-analysis) with impact factor more than 2 are awarded during research showcase every year
Regular Assessment and Feedback	✚ Regular assessment of ongoing research (updates/ status report) ✚ Regular update and reporting of ADRs observed in research ✚ Regular update on the status of research of KGMU (Number of publications, H-index and other relevant research parameters that improves the ranking of the institute in global forum)
Research support	✚ Increasing the resources for research ✚ Facilitating access to databases (SCOPUS, EMBASE, EBOSCO) ✚ Increasing intramural funding

	✚ Collaborating with reputed institutions globally
Research grant	✚ Increasing the amount of grants and number of grants ✚ Call for intramural grants to be increased to twice a year
A dedicated Research Methodology Training Unit	✚ Developing a dedicated Research Methodology Training Unit which will continuously conduct basic to advances workshops and CMEs on research
Publications	✚ Incentives for high-quality publications (awards in research showcase)
Student research	✚ Promoting students for ICMR-STs grant, intramural grant ✚ Enhancing mentor-mentee network to support student's research ✚ Increasing amount of grants and number of grants for students
Faculty research	✚ Increasing the amount of grants and number of grants ✚ Call for intramural grants to be increased to twice a year ✚ Increasing the resources for research ✚ Facilitating access to databases (SCOPUS, EMBASE, EBOSCO)
Policy on predatory journals and predatory conferences	✚ Strict disciplinary action on publishing in predatory journals and attending predatory conferences repeatedly
Policy on AI generated contents	✚ Promoting sensible and responsible use of AI ✚ Adhering to the norms of ICMR on AI-generated content (https://main.icmr.nic.in/sites/default/files/upload_documents/Ethical_Guidelines_AI_Healthcare_2023.pdf)
Policy on preprint publications	✚ Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on conflict of interest	✚ Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on publication charges	✚ The faculty can pay the publication charges from the LRA
Center of systematic	✚ Developing centre of systematic review and

review and meta-analysis	meta-analysis in collaboration with Cochrane India group
Policy on Plagiarism	✚ Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on other kinds of research misconduct	✚ Adhering to the norms of ICMR (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf)
Policy on retracted publications	✚ Adhering to the norms of ICMR and UGC (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf); https://www.ugc.gov.in/e-book/UGC_GARP_2020_Good%20Academic%20Research%20Practices.pdf)
Policy about dissemination of published research work on social media and press	✚ The institute gives liberty to discuss/disseminate about the findings of their research on media / social media platforms
Policy on authorship in a research publication	✚ Adhering to the norms of ICMR and UGC (https://main.icmr.nic.in/sites/default/files/upload_documents/ICMR_policy_ripe.pdf); https://www.ugc.gov.in/e-book/UGC_GARP_2020_Good%20Academic%20Research%20Practices.pdf)



3.1.1: The Institution has a well-defined Research Promotion Policy

3	Old Research Promotion Policy
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Archiya
Registrar
King George Medical University
Lucknow

Old Research Policy

3.1.1 Research Promotion Policy:

King George's Medical University is one of the top institutes in the country in terms of clinical work, teaching, training, and research activities. The institute is committed to promoting research culture, training faculty, residents, and students in research methodology, and encouraging basic and clinical research. It is one of the leading contributors to medical research articles in India.

- **Vision:** To be a global center for research, development & innovation.
- **Mission:**
 - To provide world-class academic, research and clinical services with innovative excellence in promoting multidisciplinary collaborations and translational research and care in the field of medical/ dental and paramedical sciences.
 - To develop evidence-based resources and skilled professionals in the field.
- **Objectives:**
 - To develop medical/ dental/ paramedical health professionals with research competence who can undertake need-based specific research studies by
 - imparting training related to research methodology/ Ethics/ IPR
 - applying/ providing research grants (Intra/extramural funding)
 - publicizing findings in high-impact journals
 - To promote collaborative research.

To fulfill the objectives of the Research and Development (R & D) there are faculty members who took the responsibility in the University and coordinate extramural and intramural research grants. The University has ICMR and GCP Standard compliant Institutional Ethics Committee with competent internal and renowned external members. The Institutional Ethics Committee has been registered with DCGI vide registration No. ECR/262/Inst/UP/2013 dated 05.06.2013, has been re-registered vide registration No. ECR/262/Inst/UP/2013/RR-16 dated 21st June 2017 for three years, and again vide registration No. ECR/262/Inst/UP/2013/RR-19 dated 28th November 2019 for five years. The ethics committee helps the faculty and students to beat/ minimize the ethical challenges that may take place during the research. Every year 400-700 proposals are screened, assessed, and given ethical approval after the University ethics committee meeting (ECMs). These proposals come from various categories including thesis-related proposals, and protocols approved and supported by various govt./ non-govt. funding agencies as well as from various postgraduation/ graduation courses i.e. proposals related to intramural and extramural research grants, clinical trials, courses like PhD/ DM/ MCh/ MD/ MS/ MDS/ MHA/ MHPE/ MSc (Nursing) M.Phil/Fellowships/studentship MBBS/ BDS etc. Initially, 4-6 ECMs were done but because of the increase in the number of proposals, the number of ECMs were increased with the consensus of the Head of the Institution and Chairperson, EC, Member Secretary, and learned members of the EC. In 2021, there were 13 ECMs took place for decisions on the proposals. In 2020 and 2021 a total of 621 and 433 proposals were reviewed by the EC of the University.

Research Methodology teaching and training courses/workshops/seminars are organized by Research Faculty from time to time for faculty and students including a Ph.D. foundation course for the research scholars of the University. In addition, evidence-based medicine workshops are also organized at regular intervals to inculcate a scientific working environment. To develop interest and encourage research ICMR research methodology (RM) course is mandatory for the promotion of the faculty of the University.


Prof. Shally
Dean
Research & Development
King George's Medical University, U.
Lucknow

KGMU is proud to have 6 faculties from the university among the top 2% of scientists all across the world as per Stanford University rankings (<https://navbharattimes.indiatimes.com/metro/lucknow/other-news/6-doctors-of-kgmu-make-it-to-top-scientist-list-of-stanford-university-america/articleshow/87564794.cms>). These were honored and appreciated by the Vice-Chancellor of the Institution during the Research Showcase and Foundation Day celebrations of the University.

The University consistently makes an effort to inculcate the habit of research among young faculty and medical students. R&D provides intramural seed grants for junior faculty, postgraduates, and undergraduates every year to promote and support high-quality research work culture and place them in a position of advantage. To encourage the faculty and students awards are conferred to the corresponding author and certificates are given to each of the co-author(s) during the research showcase. These awards are given based on poster competitions, presentations, and publication impact factors ($2\geq$). Such events inspire the faculty and students of the University to take interest in the research. University provides funds to young faculty and students on a competitive basis. Regular meetings are held with grant winners to guide them through the process of obtaining approvals, completing formalities, and submitting reports. University also encourages them to publish their research findings in reputed medical journals. For which various support are given as per their requirement and also time to time guidelines are circulated to update.

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