

KING GEORGE'S MEDICAL UNIVERSITY



Uttar Pradesh, Lucknow



ANNUAL REPORT

2023-24

**King George's Medical University Uttar Pradesh,
Lucknow**

ANNUAL REPORT 2023-24

20th Convocation



Uttar Pradesh, Lucknow

**Professor Soniya Nityanand,
MD, PhD
Vice Chancellor**

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King George's Medical University, Uttar Pradesh

Founded in 1905, KGMU stands as a historic institution, renowned both nationally and globally for its contributions to academics, research, and patient care. The university's enduring legacy is built on the core values of discipline, dedication, and devotion, which continue to guide its mission of excellence. King George's Medical University (KGMU) expresses profound gratitude for the unwavering support and blessings of Smt. Anandiben Patel, Hon'ble Governor of Uttar Pradesh and Hon'ble Chancellor of KGMU. Her invaluable guidance has been instrumental in steering this prestigious institution towards new heights of excellence. Under the visionary leadership of Professor Soniya Nityanand, MD, PhD, Hon'ble Vice Chancellor, the university is making remarkable strides, driven by her relentless dedication to academic and clinical excellence.

The university also extends heartfelt thanks to the Government of Uttar Pradesh, led by the dynamic and visionary Chief Minister, Sri Yogi Adityanath Ji. His steadfast commitment to advancing healthcare and medical education, as well as his focus on the welfare of students, faculty, and staff, has greatly benefited not only KGMU but the entire state of Uttar Pradesh.

The University campus is spread over an area of 7 square km. There are 514 faculty members and more than 6000 employees to serve the cause. The Gandhi Memorial and associated hospital has over 3500 functional beds with over 4000 patients admitted at any given time, with on an average 8000-10000 new patients attending the OPD daily.

The first batch of 31 MBBS students entered the portals of the erstwhile King George's Medical College in October 1911 and passed out in 1916. Since then, KGMU has produced over 20,000 alumni who are serving in India and all over the world. The College was given status of university in 2002, by a special Act of the Government, of Uttar Pradesh. It is now the largest residential University in India with more than 61 teaching departments in 4 faculties (Medical, Dental, Paramedical and Nursing).

This convocation ceremony celebrates the academic success and achievements of this year's graduates. It also serves to strengthen their enduring connection with their Alma Mater, where they spent the most formative years of their lives and careers. Here at KGMU, they have been instilled with the value of lifelong learning. I extend my heartfelt congratulations to them on their success.

Highlights

King George's Medical University continues to excel in the field of education, patient care and research with addition of few more laurels to its successful existence in the year 2023-24.

Accreditation, Ranking and Honours

- The second cycle of National Assessment and Accreditation was completed in May 2022, with the Peer Team conducting the evaluation in February 2023. The university was awarded an A+ grade with a CGPA of 3.36, valid until 2027.
- Our alma mater achieved the 19th rank among all medical institutions in India according to the 2024 NIRF rankings.
- In the dental category, we proudly secured the 4th position, marking an improvement of one rank.
- Additionally, we were ranked 51st in the University category and 27th among State Public Universities.
- In the 2024 India Today rankings, we attained 7th place in the Medical category and 2nd place in the Dental category.
- We have NABL accredited microbiology, pathology, and Biochemistry laboratories.
- Also, the department of Plastic Surgery, Oral & Maxillofacial Surgery and Prosthodontics have ISO certificate for the Quality Management and Control.
- Our institution bagged the 15th FICCI Healthcare Excellence Awards 2023 for Excellence in Patient Service Delivery, Public Hospital, category on October 26, 2023.
- This year, we have been shortlisted for the 16th FICCI Healthcare Excellence Award 2024 under "Training & Skill Development Initiatives."
- Award-Winning Integration: First in the state to integrate the Lab Information System (LIS) with the 'Ayushman Bharat Digital Health Mission,' earning recognition from the State Government.
- We are happy to share that our 7 faculty members have completed their training in Educational Technologies. MHPE by 4, FAIMER by 1, and ACME courses by 3 faculty members.

Few Awards

- Dr. Prachi , Postgraduate student in Ophthalmology secured the Dr. Chandra Award Scholarship from the Royal College of Ophthalmologists, UK.
- Prof. Dr. Anil Gupta received a state-level award for working on the empowerment of persons with disabilities.
- Prof. Manish Bajpai awarded "Best Teacher in Physiology" by the Association of Physiologists & Pharmacologists (APPI).
- Prof. HS Pahwa awarded "Eminent Senior Surgical Teacher Award." by UP chapter of Association of Surgeons of India.
- Dr Abhishek, Sports Medicine received Prestigious Indo-Irish Fellowship in February 2024, awarded by IASCON.

Academics

- Successful execution of Family Adoption Program (2021,2022 and 2023 MBBS Batches)
- Successful implementation of District Residency Program as per NMC mandate
- In a notable first, a separate BDS orientation program was conducted on September 6, 2023, for the incoming batch of 2023.
- Anesthesiology: Development of a module on Critical Care Fundamentals
- Training of paramedical students, doctors, and nurses under the National Health Mission program.
- Implementation of a post-doctoral certificate course in pain medicine and a value-added course in pain management and palliative care for undergraduates.
- Ophthalmology: Establishment of a surgical skill lab focused on incision-making and phacoemulsification. Contribution to the National Program for Control of Blindness.
- Physiology: Installation of an Autonomic Function Lab for research and patient care. Organization of the All India Physiology Quiz competition.
- Psychiatry: Introduction of a Post-Doctoral Fellowship with seats in Addiction Psychiatry and Non-Invasive Brain Stimulation.
- Establishment of a Neurosurgery Microscopic Vascular Anastomosis and Endoscopic Skill Lab for simulation-based learning.
- The KGMU College of Nursing performed exceptionally during the academic year 2023-24 and received Recognition as a MENTOR Institution of Government of Uttar Pradesh.
- It is also rated "A" by quality council of UP. It is a matter of great pride that UP Government and National Health Mission has identified it as State Midwifery Training Institution.
- Special care has been provided to slow learners using measurable criteria. For slow performers, we offer formative assessments, small group discussions, bilingual explanations, extra classes, and logbook reviews. (KGMU Institute of Paramedical Sciences)
- Addition of New Learning Resources : Addition of the Thieme MedOne Education online platform, featuring 235 e-books since June 2024.

Examination System of KGMU

- 5,580 candidates appearing in the 2023-24 academic year with a pass rate of 75-100% . Average result declaration with in 14.7 days and less than.09% exam related grievances.
- KGMU has fully digitalized the thesis submission and evaluation process, streamlining workflow for students and evaluators.
- In the medical stream, a standardized blueprinting process for question papers has been introduced to ensure alignment with learning objectives.
- Examination processes have been enhanced based on invigilator feedback to prevent cheating.
- Key examinations conducted include the Faculty Recruitment Exam (657 candidates), Nursing Officer Recruitment Exam (63,727 candidates), and entrance exams for advanced programs with 910 participants.
- KGMU has also established itself as a trusted examination partner for government bodies, successfully conducting several key exams with 2,175 candidates participating.

Students Engagement

- We at KGMU, focus on the overall development of our students. Under the Deanship of Student Welfare, we organized several activities during the year. To name few
- KGMU Health, Yoga, and Wellness Program
- World Cancer Day Walkathon
- World Asthma Day Walkathon
- World No Tobacco Day Campaign
- 77th Independence Day Celebration - Discussion on "The Unsung Heroes of India's Freedom"
- International Day of Non-Violence Competitions
- Rhapsody-2023 Cultural Event
- 10th International Yoga Day - Inclusive Yoga Camps
- Seminars and Specialized Yoga Camps

Skill Enhancement Training

- During the year 2023-24, the center for advanced skill training conducted numerous workshops, including Pediatric Trauma Resuscitation Modules and Pregnancy Simulator workshops, with a total of 1,526 participants.
- Orthopedic Surgery: Organized cadaveric workshops in collaboration with the Department of Anatomy on Pelvi-acetabular, Spine Conclave, and Knee Arthroscopy Conclave.
- Obstetrics and Gynecology: Launched training courses on cesarean section techniques and ultrasound use in pregnancy.
- Hospital Administration: Organized a conclave on Quality-Based Procurement in collaboration with Indian Institute of Material Management & Ethicon.

Patient Care

Key Healthcare Statistics and Achievements of KGMU:

- OPD Visits: Approximately 1,45,000 patients per month.
- Inpatient Admissions: About 12,500 patients admitted monthly.
- Emergency Services: 320-370 patients received daily.
- Asadhya Rog Scheme: 3,500 patients treated.
- Vipanna Scheme: 4,000 patients treated.
- Ayushman Bharat Scheme: 11,000-12,000 patients treated.
- Transplants: 12 liver transplants and 1 kidney transplant successfully performed.
- Ophthalmology Department: 111 therapeutic keratoplasty and 82 optical penetrating keratoplasty operations conducted.
- Otorhinolaryngology Department: 11 cochlear implants performed.
- Cardiology: Expansion with a new 92-bedded ICCU wing, including new catheter laboratories, 3-D echocardiography systems, and a central monitoring system.
- Strengthening of Oral pathology services with Immunohistochemistry Lab, PCR capabilities, and gel electrophoresis equipment. (Oral Pathology)
- Introduction of the Oral Cancer Detection Clinic and Forensic Odontology Unit (Oral Pathology)
- Introduction of pulmonary artery catheterization, endobronchial ultrasonography, and rigid bronchoscopy with tumor debulking. (Pulmonary and Critical Care Medicine)
- Addition of Autopulse devices and transport ventilators. (Emergency Medicine)
- Endocrine Surgery: Upgraded facilities for advanced labs for ECTs and neuromodulation techniques like rTMS and tDCS.
- Neurosurgery: Installation of a Neuro-endoscope system and Intraoperative Ultrasound.
- Pulmonary and Critical Care Medicine: Inauguration of a State-of-the-Art pulmonary rehabilitation center.
- Radiodiagnosis: New 3 Tesla MRI Machine and 160 Slice CT Scan machine.

- *Respiratory Medicine:* Inauguration of a new X-ray center dedicated to Drug-Resistant TB (DR TB) patients.
- *Forensic Medicine & Toxicology:* Establishment of Northern India's first Analytical Toxicology lab in collaboration, marking a milestone in clinical patient management.
- *Otorhinolaryngology and Head Neck Surgery:* Initiation of hearing aid trials at OPD in collaboration with Mathur radios, along with boosts to the neonatal hearing screening program through Ayush.
- *Medical Gastroenterology:* Introduction of capsule endoscopy and therapeutic applications of Endoscopic Ultrasound for advanced diagnostics and patient care.

Telemedicine Services at KGMU

Key Achievements in Digital Healthcare:

- *Telemedicine Excellence:* Designated as a Center of Excellence for Telemedicine by the Uttar Pradesh government.
- *Telemedicine Platform Upgrade:* Successful rollout of Telemedicine Platform Version 2.0.
- *Consultations:* Facilitated over 2 lakh consultations.
- *E-Sanjeevani Module:* Extended services to Health and Wellness Centers (HWCs), Primary Health Centers (PHCs), and Community Health Centers (CHCs) across Uttar Pradesh.
- *HealthRADAR Initiative:* Expanded reach to diverse populations, including correctional facilities.
- *International Collaborations:* Partnered with IGC Hospital in Kabul and engaged in tele-education with renowned Indian medical institutions.
- *Capacity Building:* Focused on nursing skill development and community engagement.
- *Innovative Platforms:* Pioneered platforms like E-Sanjeevani and integrated AI and ML tools to enhance healthcare accessibility and efficiency.
- *Future Goals:* Aims to expand telemedicine services and further integrate technology to improve healthcare delivery.

Infection Control Measures at KGMU

- *Antimicrobial Stewardship Program:* Launched to reduce hospital-acquired infections (HAIs) and antibiotic misuse.
- *Training Workshops:* Conducted over 30 workshops, training more than 2000 staff members.
- *Infection Surveillance System:* Enhanced early detection and outbreak management, containing over 20 infectious disease outbreaks.
- *Strengthened Protocols:* Improved hand hygiene practices, cleaning protocols, and isolation procedures.

Community Radio Station

- *Radio KGMU Goonj* has earned two national awards for its impactful programming, demonstrating its commitment to public service.
- *Radio Program Competition on UDID Scheme of Govt. of India* by NIEPVD, National Institute for the Empowerment of the Persons with Visual Disabilities (Divyanjgan), Dehradun
- *Ministry of AYUSH* through CEMCA on the occasion of world Yoga Day.

Research

Key Research Achievements at KGMU in 2023-24:

- *Research Projects:* Managed 279 research projects across 49 departments.
- *Funding Secured:* Received Rs. 22.10 crores in extramural funding from government, international agencies, and pharmaceutical companies.
- *Ethics Committee Oversight:* Institutional Ethics Committee reviewed 930 research proposals and clinical trials, compliant with ICMR and CDSCO standards.
- *Regulatory Compliance:* Ethics Committee registered with the DCGI and Department of Health Research; held regular meetings.
- *PhD Program Success:* Six PhD scholars graduated, and 20 new students enrolled in the PhD program.

- *Intramural Grant Increase: University increased intramural grant limits to support research.*
- *Plagiarism Prevention: Renewed subscription to "iThenticate" plagiarism detection software.*
- *Research Cell Activities:*
- *Hosted the "Research Showcase" to honor notable research contributions.*
- *Organized workshops and conferences on biostatistics, ethical guidelines, and academic publishing.*
- *We are having 14 ongoing and 15 under consideration research projects at the DHR MRU, out of which 8 are newly added proposals for the academic year 2023-24. C*
- *Some Emerging Research Areas*
- *Research on novel therapeutic strategies for addressing renal toxicity and chronic kidney disease (CKD) progression.(Nephrology)*
- *Research on burn care and AI-based burn estimation. (Plastic Surgery)*

Innovation

Key Highlights of the School of International Biodesign (SIB) at KGMU and IIT Kanpur:

- *SHInE Program Launch (2022): Initiative to foster innovation in biomedical devices, funded by the Department of Biotechnology.*
- *First Biodesign Fellows (2023): Produced five prototypes, including a portable muscle stimulator and a smart breast health monitoring garment.*
- *Patent Activity: Patents filed for the technologies developed by the inaugural batch.*
- *Startups Emerged: Two startups, Biostim Innovations Pvt. Ltd. and Brela Innovations Pvt. Ltd., established with government support.*
- *Second Batch (2024): Identified 143 clinical needs and advanced seven projects to IIT Kanpur.*
- *Intellectual Property Management Cell (IPMC): Established in 2022, making KGMU the first medical college in Uttar Pradesh to implement an IP policy.*
- *IP Achievements: Facilitated patent filings and copyright registrations, with several patents granted and published in 2023 and 2024, covering medical devices and software innovations.*
- *Startups: 2*
- *Patents : Granted: 3 / Published: 5/ Filed: 4*
- *Copyrights : Published: 8*

Key Points on KGMU's Role in the Cochrane India Network

- *Cochrane India Network Participation: KGMU is a key player in Cochrane's global Evidence Synthesis Units, contributing to trusted global health evidence.*
- *ICMR SARANSH Grant: Selected to enhance regional expertise in systematic reviews and meta-analysis for Uttar Pradesh and Uttarakhand.*
- *2nd Cochrane India Network Conference: Hosted by KGMU in Lucknow (October 26-28, 2023), with over 250 participants and featuring international and national experts.*
- *Cochrane Protocol Development Workshop: Organized by KGMU (April 19-21, 2024), with 52 participants from 17 medical institutions.*
- *Leadership Recognition: Dr. Balendra Pratap Singh of KGMU elected to the Cochrane Geographic Groups Executive Committee, joining an elite group of six global members.*

Digitalization at KGMU

- *Strengthened HMIS: Enhanced the 'e-hospital' system with 'ABHA id' registration integration for improved patient identification and care.*
- *Government Incentives: Secured forty lakh rupees in government incentives for strengthening the digital health ecosystem through the 'ABHA id' registration process.*
- *Point of Sale Machines: Installed with signages to aid patients/attendants in digital transactions at cash counters.*
- *Technical Support: Provided assistance for on-boarding integration with the 'Hospital Revolving Fund' and the University HMIS.*

- *Samarth Platform: On-boarded for enhanced data collection and management of the student life cycle, with ongoing configuration by the IT cell.*
- *Network Infrastructure: Revamped network with new core and distribution switches, maintaining service continuity and implementing 'Incident status reporting' via SMS.*
- *Training and Education: Offered HMIS training for new staff, and made training modules available online for stakeholders.*
- *E-Governance Compliance: Installed Aadhaar-based biometric devices across the campus in line with National Medical Commission directives.*

Medical Education Department

- *Successfully conducted 7 Basic Course in Medical Education (BCME) workshops for faculty from satellite centers, training over 200 participants.*
- *Awarded ACME certification to two batches of 60 faculty members.*
- *Completed the first CISP III training.*
- *The MHPE program is running successfully, with the 4th batch of 9 participants currently undergoing training.*
- *Launched a Faculty Development Program (FDP) in digital content development in collaboration with Elsevier India, training over 100 faculty members and residents .*

Sports at KGMU

- *In December 2023, the KGMU Athletics Association introduced a new logo designed by MBBS students Shashvat Agarwal and Mohd. Ayaan, inspired by the Olympics and symbolizing the university's dedication to sports excellence.*
- *Inter-college sports events from November 1-7, 2023, at Sardar Patel Ground saw KGMU's teams excel, winning in football and volleyball, and securing second place in cricket and basketball.*
- *The 102nd Annual Athletics Meet, "DRONA," was held from December 17-19, 2023, featuring various sports and fun games, with awards presented by Vice Chancellor Prof. Soniya Nityanand. Riddhi Singhal and Sumit Kumar Singh won the Buckley Cup.*
- *In January 2024, a sports week for paramedical students was organized.*
- *The Georgian Premier League (Deepak Agarwal Memorial) cricket matches took place from May 6-10, 2024, with 24 teams competing.*

Women Empowerment

- *Conducted a health camp for the elderly.*
- *Organized plantation drives.*
- *Held mental health and menstrual hygiene workshops for schoolgirls.*
- *Ran awareness campaigns on breast and cervical cancer.*
- *Celebrated breast cancer survivors in October.*
- *Hosted a financial literacy session.*
- *Conducted an essay competition on influential women.*
- *Organized programs on menstrual hygiene and ovarian cancer awareness.*
- *Collaborated with various departments and schools to promote education, health, financial independence, and awareness of women's rights and social issues.*

Connecting with Alumni

Scheduled the "Connecting Minds and Empowering Medicine (CME) IGAM" event for December 22-23, 2023. Held lectures covering a wide range of medical and scientific topics

Social Networking Efforts at KGMU

- *Content Strategy: Developed and implemented a comprehensive content strategy, resulting in a 50% increase in engagement across platforms.*
- *Brand Awareness: Successfully promoted our brand, values, and mission, reaching a wider audience and establishing our identity.*
- *Community Building: Fostered a sense of community, encouraging interactions, and feedback from our followers.*
- *Collaborations: Partnered with influencers and other organizations to expand our reach and impact.*

Efforts to sustain and protect our environment

- *Established a new vermicomposting unit with nine pits next to the Resident Hostel.*
- *Signed an MoU for protein extraction from liquid waste.*
- *Received Rs. 5,456,000 in grants for the WHO-funded project "Strengthening Biomedical Waste Management," aimed at replicating waste management role models in remote healthcare facilities in Uttar Pradesh.*
- *Phase 2 of the project included five satellite centers linked to four main healthcare facilities.*
- *Hosted WHO's Ms. Anu Agarwal and Mr. Manjeet Saluja.*
- *Organized four Training of Trainers (TOT) sessions at various healthcare facilities.*
- *Celebrated World Environment Day with sapling planting and National Nutrition Month with poster and recipe competitions.*
- *Conducted training sessions on biomedical waste management for students and faculty.*
- *Future plans include establishing a biogas plant and converting food waste into manure.*

Financial Report

Finance Officer: Mr Vinai Kumar Rai

Salary under Recurring (Non-Plan) Head: The State Government sanctioned approximately ₹731.65 Crores for salaries under the Recurring (Non-Plan) head for the year 2023-24, and the entire amount has been utilized.

Contingency under Recurring (Non-Plan) Head: The State Government sanctioned around ₹215.00 Crores for contingency expenses under the Recurring (Non-Plan) head for the year 2023-24, with the full amount utilized.

Free Medical Facilities for BPL/Antyodaya Card Holders and Poor Patients: For the financial year 2023-24, the government sanctioned ₹3.00 Crores for providing free medical facilities to BPL cardholders, Antyodaya cardholders, lawaris (unclaimed individuals), and poor patients. Of this amount, ₹2.50 Crores has been spent.

Asadhya Rog Yojna (Free Medical Facilities for Patients with Critical Diseases): The government approved free medical facilities for patients with critical illnesses, including cancer, heart, kidney, and liver diseases. Under the Asadhya Rog Yojna for 2023-24, ₹20.00 Crores were sanctioned for this purpose.

Large Building Constructions (Grants 31 & 83) : A total budget of ₹93.81 Crores was sanctioned, with an expenditure of ₹93.67 Crores. This includes ₹75.00 Crores (Expenditure: ₹70.71 Crores) under Grant 31 and ₹23.2976 Crores (Expenditure: ₹18.61 Crores) under Grant 83. The projects covered under this budget include:

- An additional floor on the CTV building.
- Repair of the high reservoir behind the Registrar's Office.
- Improvements to D.K. Hostel, Ladies Hostel, SP Hostel, and new VL Hostel.
- Establishment of sewage treatment plants (STP) near the Mortuary and OPD.
- Construction of the Centre for Orthopedic Super Specialties at the IDH block.
- Construction of the Ramp in Centenary Hospital Phase-2

KGMU Satellite Centre at Balrampur (Atal Bihari Bajpai Medical College & Hospital Campus): A budget provision of ₹5.00 Crores was made for the KGMU Satellite Centre in Balrampur, with ₹4.3357 Crores expended in 2023-24.

Equipment Procurement: The State Government sanctioned ₹50.00 Crores for equipment purchases in 2023-24, with the entire amount spent.

Diabetic Retinopathy Centre Equipment: ₹2.00 Crores were sanctioned and fully utilised for equipment at the Diabetic Retinopathy Centre in 2023-24.

Internal Quality Assurance Cell

Dean Q&P: Prof Apul Goel

The IQAC, established in 2015, operates with a core coordinating unit known as the Deanship of Quality Control, Clinical Audit, Accreditation, and Future Planning. This unit works in close collaboration with seven criteria heads and specialized subcommittees dedicated to NIRF and QS rankings. Together, this unit tirelessly strives to enhance various quality domains across the institution. More than 50 activities were conducted during the year. Below are some of the key achievements of the IQAC over the past year:

Ranking and Accreditation Focus: Participated in Shiksha Manthan at CSMU, Kanpur (08-07-2023 & 09-07-2023) to gain insights into NIRF and QS ranking processes. A core committee meeting (04-08-2023) was held for NAAC gap analysis and AQAR strategizing. Continuous efforts were made to prepare for the NIRF 2024 submission and NAAC evaluation in 2025.

NAAC and NMC Assessments: Hosted a visit by the MARB, NMC for pilot assessment and validation of the accreditation framework (24-08-2023 & 25-08-2023). Multiple gap analysis meetings for NAAC criteria were conducted, and feedback mechanisms were strengthened.

Workshops and Training: Organized a series of faculty development programs, including a workshop on conducting Self-Directed Learning (SDL) sessions with MBBS students (28-07-2023), and a comprehensive plan to train faculty members over three months starting February 2024.

A National Symposium on "Ensuring Quality in Health Sciences Institutions" was also held (27-07-2024). The hybrid symposium was successfully attended by more than 100 participants offline, and around 300

participants joined online. A day long activity was studied with brainstorming and updation on new accreditation reforms by NAAC. Guest speakers joined from across the country and were highly appreciated by all the participants.

Industry-Academia Collaboration: Initiated collaborations with McGraw Hill Education and others to enhance access to digital learning resources (07-11-2023).

Award Nominations: The university's application for the FICCI Healthcare Excellence Awards 2023 was shortlisted under the category "Excellence in Patient Service Delivery," reflecting the institution's commitment to quality healthcare services.

Attended a symposium at Raj Bhawan on enhancing academic activities and discussed ranking improvements (14-09-2023 & 22-09-2023). Organized awareness program on **Cyber safety (27-04-2024)** and **career guidance workshops**.

Software and Technology Integration: Implemented the Samarth software for administrative efficiency (20-07-2023) and optimized digital resources for academic content creation (04-05-2024).

Data Collection and Reporting: Facilitated the preparation and submission of critical reports, including the AQAR and annual reports, and managed compliance with the 61 Prapatra Rajbhawan portal.

Faculty of Medical Sciences

Dean: Prof Amita Jain

Professor Amita Jain, Professor and Head of the Department of Microbiology, assumed the role of Dean Academics following the superannuation of Dr. A. K. Tripathi. The University currently trains a diverse cohort, including 250 MBBS, 70 BDS, 110 B.Sc. Nursing, 25 M.Sc. Nursing, 5 B.Sc. Radiotherapy, 353 MD/MS, 46 MDS, 91 DM/MCH, 8 M.Phil., 60 MHA, 30 MHPE, and 580 Paramedical students annually, with 20 students enrolled in Ph.D. programs. This year, 253 MBBS students were offered 59 elective courses across various departments, while 29 faculty development activities were conducted throughout the year. The office successfully submitted reports to the Medical Council of India (MCI) on the implementation of Competency-Based Medical Education (CBME) for all batches since 2019. The Aadhaar-Enabled Biometric Attendance System (AEBAS) was implemented, and assessment reforms aligned with the new National Medical Commission (NMC) guidelines were introduced. Regular Curriculum Committee meetings ensured the successful integration of CBME components, including Self-Directed Learning (SDL) and the Family Adoption Program. All postgraduate students completed online courses in Research Methodology via SWAYAM. District Residency Program (DRP) was implemented, and 2/3rd residents have completed their DRP posting.

Faculty of Dental Sciences

Dean: Prof Ranjit N Patil

The Faculty of Dental Sciences comprises nine departments, admitting a total of 70 BDS students annually. In the year 2023, 70 students were enrolled in the BDS program. Additionally, all 46 seats across the nine branches of Post Graduation MDS were filled for the academic session 2023-2024. The Dental Council of India acknowledged an increase in MDS seats from 4 to 6 in seven departments.

In a notable first, a separate BDS orientation program was conducted on September 6, 2023, for the incoming batch of 2023. A lecture on National Pharmacovigilance was organized on September 22, 2023. An NBEMS CPR awareness program was held for undergraduate students on December 6, 2023.

On May 7, 2024, a lecture by Prof. Rajendra Prasad provided guidance on the process of obtaining membership and fellowship of the National Association of Medical Sciences (NAMS). The faculty also welcomed Ms. Veronica Vele, Interim Chief Executive Officer, and Ms. Philippa Davis, Director of Accreditation, Policy, and Research of the Australian Dental Council on May 13, 2024. Their visit aimed to gain insights into the curriculum of the BDS program.

Faculty of Nursing

Dean: Dr Punita Manik, Principal: Dr. Rashmi P. John

With the mission to become one of the nation's top Nursing Institutions that develop leaders in Nursing and Health Care, the KGMU College of Nursing performed exceptionally during the academic year 2023-24 and received Recognition as a MENTOR Institution of Government of Uttar Pradesh. It is also rated "A" by quality council of UP. It is a matter of great pride that UP Government and National Health Mission has identified it as State Midwifery Training Institution.

Robustness of training is very well visualized as successful placement of our alumni. Around 165 Pass out students were selected as Nursing Officers in various Government Institutions like AIIMS, SGPGI, RML and Military Hospital including parent institution KGMU. Four students are selected as Nursing Faculty in various Institutions like Manipal College of Nursing, MAHE, SGPGI Lucknow, RML, Lucknow and NIMHANS.

Mrs. Anugrah Charan and Ms. Loveena Arpita Samuel received Best Teacher Awards. Faculty members are serving as Members of Advisory Committee, Selection Committee and have delivered prestigious Orations and Guest Talks. They are serving the community as member of professional bodies, editorial board members/ reviewer and Assessors (INC/NAAC).

Faculty members have published 16 publications between, 1st July 2023 to 30th June 2024. Students also have published 16 research articles in journals indexed in databases like Scopus, Medline and Google Scholar. Currently two extramural projects are also running in the college. 15 M.Sc. Nursing Research projects have been successfully completed. Four books have been published by Dr. Rashmi P. John and Tanima Verma. Six Book Chapters are contributed by Sudha Mishra, Srinivasan, Tanima Verma, Shikha Malik, Sarita Singh and Rashmi Rawat. The college has organized one national conference and five CNEs. Faculty member have attended 30 conferences/workshops/webinars suggesting a good culture for continuous professional development.

Faculty of Paramedical Sciences

Dean: Dr Anil Nischal

Under the Faculty of Paramedical Sciences, we currently offer 14 diploma courses and one degree program, with 580 new students admitted for the 2023-24 academic year. These include programs in Cardiology, Medical Laboratory, X-ray, C.T. Scan, MRI, Dialysis, Physiotherapy, Optometry, Sanitation, Radiotherapy, O.T., Emergency & Trauma Care, Blood Transfusion, and Anaesthesia & Critical Care Technology, along with a Bachelor's in Radiotherapy Technology.

Students receive competency-based medical education through trained demonstrators and faculty, supplemented by value-added courses such as Palliative Care Skills and Basic Life Support Workshops.

To support students, we identify slow and advanced learners using measurable criteria. For slow performers, we offer formative assessments, small group discussions, bilingual explanations, extra classes, and logbook reviews. Advanced learners benefit from formative assessments, seminar opportunities, and regular logbook reviews.

Central Library

Faculty In-charge: Prof. Divya Narayan Upadhyay

The Central Library at KGMU boasts an impressive range of resources and facilities. It accommodates 600 users and operates 21 hours a day, offering access to 46,140 print books, 194 print journals, 5,185 online journals, 4,303 online books, and 30,213 back volume journals. The library also supports 7 databases, 2 consortia, 1,316 CDs, 4,658 manuscripts/theses, and 40 computers. New services include the addition of the Thieme MedOne Education online platform, featuring 235 e-books since June 2024.

The department organized several significant training workshops, including sessions on MyLOFT, QuillBot, McGraw Hill's Access Medicine, Elsevier's Health Research Development, and Wolters Kluwer's Ovid Knowledge Sharing. Online meetings coordinated by the department included ERMED consortium webinars on accessing e-resources and database usage, featuring Wiley, McGraw Hill, and BMJ partnerships.

Additionally, the library subscribes to numerous online platforms, such as ClinicalKey, Eduport Global, SpringerLink, BMJ Best Practice, UpToDate, and Thieme, providing extensive e-books, journals, and clinical decision support resources. The facility also includes an open-air library space for students and a dedicated THESIS CENTRE for thesis-related work. The MyLOFT mobile app enhances access to premium e-resources for both students and faculty.

Center for Advanced Skill Development

Faculty In charge-Prof. Samir Misra

The Center for Advanced Skill Development at King George's Medical University (KGMU) in Lucknow is a pioneering facility in Uttar Pradesh dedicated to enhancing the skills of doctors, nurses, and paramedics. Established to promote both hard and soft skills, the center offers various training modules including Basic Life Support (BLS), Advanced Trauma Life Support (ATLS), Biomedical Waste Management, and Palliative Care. It also introduced the state's first soft skills training for health professionals. During the year 2023-24, the center conducted numerous workshops, including Pediatric Trauma Resuscitation Modules and Pregnancy Simulator workshops, with a total of 1,526 participants. The center is committed to expanding its course offerings and acquiring advanced manikins and simulators, and aims to train personnel from other medical colleges and hospitals across India.

Examinations

Controller of Examinations: Prof. Jyoti Chopra

This year, the COE office successfully conducted examinations for various university programs, with a total of **5,580 candidates appearing in the 2023-24 academic year**. To facilitate these examinations, 868 sets of question papers were meticulously prepared. The pass rates for the programs ranged from 75% to 100%, and the average time for result declaration was an impressive 14.7 days. Additionally, the percentage of examination-related grievances was reduced to 0.09%, a notable improvement from last year's 1.03%.

The Office of Controller of Examination has successfully implemented and managed various critical examinations and initiatives aimed at improving the academic and administrative efficiency of our institution. The key activities over the past year are

DIGITALIZATION INITIATIVES

Thesis Submission and Evaluation

We have fully digitalized the process of thesis submission and evaluation. This initiative has streamlined the workflow, making it easier for students to submit their work and for evaluators to review and provide feedback.

EXAMINATION PROCESS ENHANCEMENTS

Blueprinting of Question Papers in Medical Stream

We have introduced a standardized blueprinting process for question papers in the medical stream. This ensures that the examination papers are comprehensive, balanced, and align with the learning objectives and curriculum.

Feedback-Based Changes in Examination Conduction

Based on the feedback from invigilators, we have improvised the pattern of question paper and its conduct to prevent cheating and maintain the integrity of the examination process.

KEY EXAMINATIONS CONDUCTED

Faculty Recruitment Examination

The Faculty Recruitment Examination was conducted successfully, with 657 candidates appearing for the exam. This process was vital in selecting qualified and capable faculty members to join our institution.

Nursing Officer Recruitment Examination

The Nursing Officer Recruitment Examination was an outstanding success, in which 63,727 candidates appeared. It showcased our ability to efficiently manage large-scale examinations.

University Entrance Examinations

We conducted entrance examinations for various advanced programs, including: M.Phil. in Clinical Psychology, PhD, Masters in Hospital Administration, Masters in Health Profession Education, Junior and Senior Residency. A total of 910 candidates appeared for these examinations, ensuring a competitive and fair selection process for our postgraduate and doctoral programs.

TRUSTED EXAMINATION PARTNER

We have established ourselves as a trusted partner for conducting examinations for the Government of Uttar Pradesh, the National Health Mission (NHM), and the Directorate General of Medical Education (DGME).

In collaboration with them, we successfully conducted the CCHN Exit Exam and Recruitment Examinations for Faculty positions in Nursing and Dental sciences at Autonomous Medical Colleges across the state. A total of 2,175 candidates appeared for these exams.

Dean Student Welfare

Prof. R A S Kushwaha

1st Yoga Session of KGMU Health & Yoga Wellness program

As per the MoU signed between Lucknow University, Uttar Pradesh Lucknow and King George Medical University, Uttar Pradesh Lucknow to start 'KGMU Health, Yoga and Wellness Program' in K.G.M.U., the first session of health, yoga and wellness program was organized for all students, Faculty Members & Employees of university on 06.08.2023 in Kalam Center building, KGMU, UP, Lucknow.

"Meri- Mati Mera- Desh" campaign on the occasion Independence Day Celebration

On the occasion of 77th anniversary of Independence Day, under the campaign of "Meri-Maati, Mera-Des" a discussion on the topic "The Unsung Heroes of India Freedom" was organized on dated 26.08.2023.

2nd Yoga Session of KGMU Health & Yoga Wellness program

On dated 03.09.2023 the 2nd session of "KGMU Health, Yoga and Wellness program" was organized under the supervision of yoga teachers of Faculty of Yoga and Alternative Medicine, Lucknow University, Lucknow.

"Swachhta Seva Pakhwada Campaign" on 02 October, 2023, the birth anniversary of Mahatma Gandhi

Celebration of "International Day of Non-Violence" on 02 October, 2023, the birth anniversary of Mahatma Gandhi. On this occasion various competitions like Poster making competition/Rangoli competition/Poem competition and Slogan writing Competitions were organized among the students.

"Rhapsody-2023", a Cultural Event was organized successfully on dated 11th, 12th and 13th October, 2023 in Atal Bihari Vajpayee Scientific Convention Centre, KGMU, in which students of Medical/Dental/Nursing and Paramedical Sciences participated and presented various cultural programs.

"Walkathon" on the occasion of "World Cancer Day, 2024" with the aim to create general public awareness about cancer

Lecture Session on topic "Yoga Meditation: Key to Success and Joy in life"

A lecture on the topic "Yoga Meditation: Key to Success and Joy in life" was organized by Swami Smarananand Ji, Vice President, Yogada Satsang Society of India on 05.02.2024. The students were introduced to the subtle knowledge of yoga and meditation and the ways to live a balanced life in modern times and get relief from stress as well as measures to get mental health benefits were explained. He also gave information to all the students present about breathing and proper yoga postures.

'Swanubhuti Shivir-2024' by 'Sadhnashree Kutumb Nyas'

In compliance of the instructions given by Hon'ble Governor of Uttar Pradesh, Lucknow, total 137 students from all deaneries of Medical/Dental/Nursing/ Paramedical Sciences from this university participated in the 'Swanubhuti Shivir-2024', which was organized by 'Sadhnashree Kutumb Nyas' in district Prayagraj between dated 15 to 16 February, 2024. In this camp all the students were introduced about the benefits of meditation & Yoga by 'Sadhnashree Kutumb Nyas'

First Mentor-Mentee interactive session of MBBS & BDS 2023 batch

The First Mentor-Mentee interactive session of MBBS & BDS 2023 batch was organized on dated 19.02.2024. During this session students were guided about the mentor-mentee program and contact details of their mentor were shared. An annual Log-book was provided to all students, which contains the detail of all DSW schemes, important mobile numbers, website details and KGMU campus map for student's perusal.

"Walkathon" On the occasion of "World Asthma Day, 2024"

"Walkathon" on the occasion of "World No tobacco Day, 2024"

"10 th International Yoga day" celebration on dated 21.06.2024"

In compliance of the instructions given by Honble Governor of Uttar Pradesh, Lucknow on the occasion of "10 th International Yoga day on dated 21.06.2024", different yoga related activities, training sessions, events & seminar were organized in KGMU, UP, Lucknow, as follows :-

- On dated 02.06.2024 & 07.06.2024 yoga training sessions for all employees/FacultyMembers/Students of all deaneries of Medical/Dental/ Nursing/Paramedical Sciences were organized in SP Ground, KGMU, UP, Lucknow between 6.00 am to 7:00 am by the team of trained yoga teachers of Faculty of Yoga & Alternative Medicine Department, Lucknow University.
- On dated 10.06.2024, a Yoga and Health related 'Seminar' was organized in room no. 606 of Kalam Center building, KGMU, UP, Lucknow by the team of trained yoga teachers of Faculty of Yoga & Alternative Medicine Department, Lucknow University.

- On dated 15.06.2024, a Yoga Camp for the Physically Challenged patients was organized in the OPD of DPMR Department, KGMU, UP, Lucknow in which the physically challenged patients were trained about different yoga poses & also introduced about the various benefits of yoga in disability by the team of trained yoga teachers of Faculty of Yoga & Alternative Medicine Department, Lucknow University.
- On dated 15.06.2024, a Pregnancy Yoga camp for the pregnant women was organized in Obstetrics and Gynaecology Department, KGMU, UP, Lucknow in which pregnant women were trained about various yoga poses which were beneficial during pregnancy by the team of trained yoga teachers of Faculty of Yoga & Alternative Medicine Department, Lucknow University.
- On dated 14.06.2024, a Yoga Camp for Asthma & COPD patients was organized in department of Respiratory Medicine Department, KGMU, UP, Lucknow in which the asthma & COPD patients were trained about different yoga poses which are beneficial in asthma and other respiratory related diseases.
- On dated 14.06.2024, a Water Yoga camp was organized in swimming pool of CV Hostel, KGMU, UP, Lucknow by the team of trained yoga teachers of Faculty of Yoga & Alternative Medicine Department, Lucknow University in which they trained about different water yoga poses and also explained about the various benefits of Water Yoga to all students.
- On dated 20.06.2024, a Yoga Camp for Cancer Survivors (Children and Adults) was organized in Kalam Centre building Room No. 309 in which Cancer Survivor, children and adults were trained about different yoga poses in cancer disease & they were also introduced about the various benefits of yoga in cancer disease by the team of trained yoga teachers of Faculty of Yoga & Alternative Medicine Department, Lucknow University.
- On dated 21 ST June, 2024, the 10 th International Day of Yoga was organized in S.P. Ground, KGMU, U.P. Lucknow, in which approximately 2000 students of Medical/Dental/Nursing/ Paramedical Sciences and other employees and faculty members of KGMU, U.P. Lucknow participated and practiced yoga. On this occasion a lecture was also organized by 'Isha Foundation' on the topic "Importance of Yougik Diet Modern Lifestyle" in Brown Hall between 1:00- 2:00 Pm for all students of Medical/Dental/Nursing/ Paramedical Sciences and other employees and faculty members of KGMU, U.P. Lucknow.

Dean Student Welfare

Prof. R A S Kushwaha

On an average, about 1,45,000 patients visit the OPD of King George's Medical University every month and about 12,500 patients are admitted every month. Emergency services receive 320-370 patients per day. According to various schemes launched by the government, about 3500 patients were treated under the 'Asadhya Rog' scheme, about 4000 patients under the 'Vipanna scheme' and 11000-12000 patients were treated under the 'Ayushman Bharat scheme'. 12 livers and 01 kidney transplants were successfully performed by efficient multidisciplinary team of the university.

In the year 2023-24, KGMU operated 111 therapeutic keratoplasty and 82 optical penetrating keratoplasty in the Ophthalmology department and 11 cochlear implants were performed in the Otorhinolaryngology department. In this way, other departments of the Medical University are also providing services for the benefit of the patients.

TELEMEDICINE UNIT

Nodal officer : Dr. Sheetal Verma

King George's Medical University (KGMU) in Lucknow has set a benchmark in digital healthcare through its innovative telemedicine services. Designated as a Center of Excellence for Telemedicine by the Uttar Pradesh government, KGMU has significantly advanced its telemedicine capabilities, including the successful rollout of the upgraded telemedicine platform Version 2.0. The university has facilitated over 2 lakh consultations and extended its services through the E-Sanjeevani module to Health and Wellness Centers (HWCs), Primary Health Centers (PHCs), and Community Health Centers (CHCs) across Uttar Pradesh. The HealthRADAR initiative further extends KGMU's reach to diverse populations, including correctional facilities. Internationally, KGMU has forged collaborations with institutions like IGC Hospital in Kabul and engaged in tele-education with

renowned Indian medical institutions. The university has also focused on capacity building, nursing skill development, and community engagement. Pioneering platforms like E-Sanjeevani and the integration of AI and ML tools exemplify KGMU's commitment to enhancing healthcare accessibility and efficiency. Looking ahead, KGMU aims to expand its telemedicine services and technology integration, continually improving healthcare delivery.

Hospital Infection Control Committee (HICC)

Prof. Amita Jain, Member Secretary , Dr. Sheetal Verma, Infection Control Officer

The hospital has made significant strides in infection control and patient safety through a series of key achievements and initiatives. Stringent infection control measures and the launch of an antimicrobial stewardship program have effectively reduced hospital-acquired infections (HAIs) and antibiotic misuse. Over 30 workshops have trained more than 2000 staff members, while a comprehensive infection surveillance system has enhanced early detection and outbreak management, containing over 20 infectious disease outbreaks. The hospital has also strengthened hand hygiene practices, cleaning protocols, and isolation procedures, and has educated patients and visitors on infection prevention. Research publications and regular audits underscore the commitment to continuous improvement, supported by regular HICC meetings and policy updates. The Hospital Infection Control Committee (HICC) extends gratitude to all contributors and anticipates further advancements in infection control practices.

ReResearch and Development

Dean, Research & Development: Prof. Hardeep Singh Malhotra

Co-faculty in-charge (Research): Dr. Neeraj Kumar

Co-faculty in-charge (Ethics): Dr. Sujita Kumar Kar

In the financial year 2023-24, King George Medical University (KGMU) managed 279 research projects across 49 departments, securing Rs. 22.10 crores in extramural funding from government, international agencies, and pharmaceutical companies. The university's Institutional Ethics Committee, compliant with ICMR and CDSCO standards, reviewed 930 research proposals and clinical trials. The Committee is registered with the DCGI and Department of Health Research, with regular meetings to oversee research ethics. Six PhD scholars graduated, and 20 new students enrolled in the PhD program. To support research, the university increased intramural grant limits and renewed its subscription to the "iThenticate" plagiarism detection software. Research Cell activities included the "Research Showcase," which honored notable research contributions, and a series of workshops and conferences on biostatistics, ethical guidelines, and academic publishing.

Intellectual Property Management Cell (IPMC)

Prof Rishi Sethi

The School of International Biodesign (SIB) at King George's Medical University (KGMU) and IIT Kanpur, funded by the Department of Biotechnology, launched the SHInE program in 2022 to foster innovation in biomedical devices. The inaugural batch of Biodesign Fellows in 2023 produced five prototypes, including a portable muscle stimulator and a smart breast health monitoring garment, with patents filed for these technologies. Two startups emerged from this cohort: Biostim Innovations Pvt. Ltd. and Brela Innovations Pvt. Ltd., both supported by government grants. The second batch began in January 2024, identifying 143 clinical needs and advancing seven projects to IIT Kanpur. Additionally, KGMU established its Intellectual Property Management Cell (IPMC) in 2022, becoming the first medical college in Uttar Pradesh to implement an IP policy. The IPMC has facilitated patent filings and copyright registrations, with several patents granted and published in 2023 and 2024, covering innovations in medical devices and software.

Department of Health Research-Multidisciplinary Research Unit (DHRMRU)

Faculty In charge: Prof Raghuwar Singh

The DHR-MRU facility was established in the year 2017-18 at the King George's Medical University with full funding from Department of Health Research, New Delhi. Presently we are having 14 ongoing and 15 under consideration research projects at the DHR MRU, out of which 8 are newly added proposals for the academic year 2023-24. Consumables are provided to the research proposals submitted by the faculty members and Post graduate/ Super-specialty students after approval from the Research Advisory committee of the Unit. We also have two extra-mural research proposals from the Department of Health Research, New Delhi and One Research Associate working from the funding of Indian Council of Medical Research. Five Extramural research proposals are under consideration from the Department of Health Research, New Delhi.

In the academic year 2023-24, total 4 research papers have been published. The DHR MRU is conducting regular workshop on Basic and advanced statistics. Updating the knowledge of the faculty and students on workshop on Sample Size Calculation. We have conducted workshops of Basic Cell Culture, Molecular Biology, 3-D Printing techniques throughout the year 2023-24

Cochrane Unit

Faculty In-charge: Prof Balendra P Singh

King George's Medical University (KGMU) is a key player in the Cochrane India Network, part of Cochrane's global Evidence Synthesis Units, which are pivotal in providing trusted evidence to tackle significant global health issues. The university has been chosen by ICMR for the SARANSH grant, aimed at enhancing regional expertise in systematic reviews and meta-analysis for Uttar Pradesh and Uttarakhand. KGMU hosted the 2nd Cochrane India Network Conference from October 26-28, 2023, in Lucknow, attracting over 250 participants and featuring international and national experts. Additionally, KGMU organized a "Cochrane Protocol Development Workshop" from April 19-21, 2024, with 52 participants from 17 medical institutions. Dr. Balendra Pratap Singh from KGMU was elected to the Cochrane Geographic Groups Executive Committee, joining an elite group of six members worldwide.

IT Cell

Faculty In charge: Dr Richa Khanna

Information Technology Cell dedicated services to strengthen technology based processes in the University to optimize healthcare delivery.

The existing Hospital management information system (HMIS)-'e-hospital' was strengthened with the integration of 'ABHA id' registration. 'ABHA Id' is the 'Ayushman Bharat Health Account' number of every patient. University IT cell played a pivotal role in being the first in state for integrating the 'Lab information system(LIS)' within the umbrella of 'Ayushman Bharat Digital Health Mission' and was being awarded for the same by the State Government. It was a valuable contribution to the National cause of building a digital health ecosystem. The 'ABHA id' registration process in outpatient settings have also helped the University in receiving incentives from the government worth forty lakhs for further strengthening the digital health ecosystem. This innovative registration process aims to reduce the queue times in the OPD settings and improve efficiency of delivering care.

In an attempt to assist patients/attendants in digital transactions at cash counters, point of sale machines were installed with highlighting signages to increase awareness. IT cell is also standing in support for all technical assistance for on-boarding integration with the 'Hospital Revolving Fund' and the University HMIS.

Under the able guidance from the office of Honourable Chancellor, University has on-boarded the 'Samarth' online platform for strengthening the University data collection, especially the student life cycle. IT cell is collaborating with all stakeholder departments/offices to complete the configuration of student modules for a smooth execution.

Network is the backbone of delivering any technology based service. IT cell of KGMU is committed towards strengthening this basic domain of technology. Fore-seeing the increasing network traffic and increasing users and user interfaces across the University, the network infrastructure was revamped with new Core and seven distribution switches that cater to the network demands of the entire campus. An uninterrupted replacement

process was executed without disturbing any of the network services of the University campus.

'Incident status reporting' was started in the form of sending SMS to users for all network related problems.

IT cell is also committed in imparting training and education for all the stakeholders involved with the use of technology in the University. The faculty/employees of IT cell participated in HMIS trainings for the newly recruited staff. Training modules in the form of recorded videos are also available from the KGMU website for any stakeholder.

Within the e-governance domain, aadhar based biometric devices were installed across the campus in compliance to the directives of National Medical Commission, India, over and above the existing internal biometric based system in place.

Department of Medical Education

Head : Prof. Amita Pandey

The Department of Medical Education, led by Prof. Amita Pandey, organized several key initiatives. The department conducted a series of three-day Basic Course in Medical Education (BCME) workshops at KGMU, which took place from November 20-22, 2023, December 13-15, 2023, February 26-28, 2024, February 29 to March 2, 2024, April 22-24, 2024, April 25-27, 2024, and April 29 to May 1, 2024. These workshops included participants from Satellite Centres, standalone PG colleges, and KGMU.

On October 23, 2023, the department hosted the Dr. APJ Kalam Memorial Oration, featuring Dr. Dinesh Badiyal as the chief guest. The oration addressed the topic "Igniting Minds in CBME Curriculum: Challenges & Way Forward." Additionally, the first contact session for the 2nd batch of the NMC Advance Course in Medical Education (ACME) for January 2024 was held from January 29 to February 2, 2024, followed by the second contact session for the July 2023 'B' batch from February 2 to 4, 2024. The first contact session for the July 2024 'B' batch is scheduled from July 29 to August 2, 2024.

The 10th "Late Dr. Janhvi Dutt Pandey Scholarship" for the Best MD/MS/DM/M.Ch Departmental Thesis was awarded on July 27, 2024, at Brown Hall, KGMU. Furthermore, Dr. R.K. Diwan, a professor in the Department of Anatomy, completed the Advance Course in Medical Education (ACME) in February 2024.

Sports

Faculty In-charge: Prof Rashmi Kushwaha

In December 2023, the KGMU Athletics Association unveiled a new logo created by MBBS students Shashvat Agarwal and Mohd. Ayaan, featuring a design inspired by the Olympics and reflecting the university's commitment to sports excellence. Inter-college sports events held from November 1-7, 2023, at Sardar Patel Ground saw KGMU's teams performing well, winning in football and volleyball, and placing second in cricket and basketball. The 102nd Annual Athletics Meet, "DRONA," took place from December 17-19, 2023, featuring a range of sports and fun games, culminating in awards presented by Vice Chancellor Prof. Soniya Nityanand. Riddhi Singhal and Sumit Kumar Singh won the Buckley Cup for their achievements. In January 2024, a sports week for paramedical students was held, and the Georgian Premier League (Deepak Agarwal Memorial) cricket matches were organized from May 6-10, 2024, with 24 teams competing.

OUTREACH ACTIVITIES

ADOPTED VILLAGES The Department of Community Medicine and Public Health is actively addressing health issues in 10 adopted villages within the Sarojini Nagar Block of Lucknow district, including Bani, Pahadpur, and others. Regular activities include health education and awareness campaigns, VHSND visits, health camps, and surveys. Community health workers, ASHA, and ANM assist in mobilizing community members and providing vital statistics, while resident doctors closely monitor vaccinations of pregnant mothers and children during VHSND sessions.

1. Health Talk on World Breastfeeding Week at PHC

During World Breastfeeding Week, senior and junior residents at PHC Sarojini Nagar held an interactive session to educate pregnant and lactating women on the benefits of breastfeeding, addressing their questions and concerns.

2. Poshan Potli Distribution to Tuberculosis Patients in Adopted Villages

Nutritional kits containing pulses, jaggery, chickpeas, groundnuts, biscuits, soap, and ORS packets were distributed to identified tuberculosis patients in adopted villages. The program saw active participation from women of the Akhil Bhartiya Marwadi Mahila Sammelan.

3. Health Camps in Old Age Homes

Health camps were organized to screen the elderly for non-communicable diseases and assess their mental health, ensuring early detection and care.

4. Dengue Awareness Campaign

From August to November 2023, a comprehensive dengue awareness campaign was conducted, covering 600 households in each adopted village. Resident doctors educated villagers on dengue symptoms, prevention methods, and the importance of eliminating mosquito breeding sites.

5. Millets Awareness Campaign during POSHAN MAAH

In line with WHO's declaration of 2023 as the International Year of Millets, the department promoted millet consumption in adopted villages through role plays and community talks, highlighting the health benefits of including millets in daily diets.

6. Health Camps in Adopted Villages

As part of the Viksit Bharat Sankalp Yatra, health camps were held in December 2023 and January 2024 across six adopted villages, including Beti, Bhaukapur, and Bani. A total of 594 individuals received healthcare services during these camps.

7. Dietary Assessment of Pregnant and Lactating Women

In March and April 2024, dietary assessments revealed inadequate calorie and nutrient intake among pregnant and lactating women in adopted villages. They were counseled on the importance of iron-rich foods, daily iron and folic acid supplements, and exclusive breastfeeding for the first six months.

8. VHSND Visits

Each adopted village receives approximately 10 VHSND visits annually. During these visits, residents support ASHA and ANM workers with data maintenance, check-ups for pregnant women, and monitoring the growth of children.

9. Training on Growth Chart Recording

ASHA and ANM workers were trained on accurate growth chart recording at Anganwadi centers to enhance child health monitoring.

10. Counseling on ANC Visits and Contraceptive Methods

At Anganwadi centers, pregnant and lactating women were counseled on the importance of regular antenatal care visits and the adoption of suitable contraceptive methods.

11. Evaluation of VHSND Sessions

Regular evaluations of VHSND sessions were conducted to ensure effective healthcare delivery in adopted villages.

12. National Dengue Day Observation

On National Dengue Day, nursing students from Vivekanand College of Nursing performed a role play at the Gram Panchayat Bhavan in an adopted village, raising awareness about dengue. Residents from the Department of Community Medicine also delivered a health talk on dengue prevention.

13. Heat Wave Awareness Campaign

A Heat Wave Awareness Campaign was conducted across 10 villages in May and June 2024, focusing on educating the community about the risks of heat waves and promoting preventive measures.

14. Local Radio Campaign for Heat Wave Awareness

KGMU Goonj, in collaboration with the Department of Community Medicine, launched a radio campaign to raise awareness about extreme heat waves. ASHA workers from adopted villages participated by distributing ORS packets to community members.

KGMU REACH

Dr R K Dixit, Dr Monika Agarwal, Dr Shalini Gupta

Under the REACH, KGMU initiative, a free medical and dental camp was organized at Primary School, Lalkua, near Husainganj Chauraha, on February 25th, 2024 and second at Lucknow Public Collegiate in Sharda Nagar, Lucknow, on May 10th, 2024. Free health and dental checkups were provided to nearly 400 students and 400 adults. The camps also featured awareness sessions on tobacco cessation and oral hygiene. Common issues identified included plaque, dental caries, gum problems, and poor oral hygiene, particularly among children and individuals from higher financial backgrounds. Participants received free toothpaste and brushes, while those with severe conditions were referred to KGMU for further treatment. The department's efforts were instrumental in the success of the camp.

Departmental LEVEL OUTREACH ACTIVITIES

Department of Cardiology

The cardiology department initiated an outreach program to provide specialized services and raise awareness about cardiovascular diseases in rural areas of Lucknow. Faculty members visit Sarojini Nagar PHC monthly, offering consultations, conducting ECGs, diagnosing and treating conditions such as hypertension and stable angina, and educating both patients and PHC staff. This program has successfully increased patient access to cardiac care, improved disease management, and facilitated early detection of serious conditions, significantly benefiting the rural community.

Department of Paediatric Orthopaedics

The Paediatric Orthopaedics department celebrated Bone & Joint Day on August 4, 2023, benefiting 55 patients; a Children's Day drawing competition on November 14, 2023, with 82 participants; and a Clubfoot Day on June 4, 2024, aiding 73 patients. Each event involved multiple doctors and focused on patient engagement and awareness.

KGMU College of Nursing

KGMU College of Nursing is actively engaged in various activities like role play and skits on by students on "Road Safety Week," "World Breastfeeding Week," "Meri Mati Mera Desh Campaign," "Chandrayan-3," "World AIDS Day," "World Mental Health Day," "Magh Mela Health Camp," "World Health Day," "World Cancer Day," and "No Tobacco Day."

Faculty of Paramedical Sciences

Faculty and students actively participated in climate change awareness programs, World No Tobacco Day events, World Environment Day slogan competition, and International Yoga Day celebrations with various competitions and shivir. Other events included Road Safety Week, craft making, guest lectures, and competitions on entrepreneurship, public health, and non-violence.

University Environment Department (UED)

Head: Prof Kirti Srivastava

In the past year, several significant initiatives have been undertaken in the department. A new vermicomposting unit with nine pits was established next to the Resident Hostel. An MoU was signed for protein extraction from liquid waste. The WHO-funded project, "Strengthening Biomedical Waste Management," received grants totaling Rs. 5,456,000, focusing on replicating role models in waste management across remote healthcare facilities in Uttar Pradesh. Phase 2 of the project included five satellite centers linked to four main healthcare facilities.

Faculty members have been actively involved in national and international roles, with Prof. Mohd. Parvez and Dr. Nitin Dutt Bharadwaj inspecting healthcare facilities, Prof. D. Himanshu serving on the technical resource group for NACO and editing the Journal of Internal Medicine of India, and Dr. Ravi Prakash editing the Journal of Trauma Intensive Care. Notable achievements include Dr. Geeta Yadav's best paper presentation award and Dr. Himanshu receiving the FICP. The department also hosted the WHO's Ms. Anu Agarwal and Mr. Manjeet Saluja. Scientific and educational activities included the organization of four Training of Trainers (TOT) sessions at various healthcare facilities, a World Environment Day event with sapling planting, and National Nutrition Month activities featuring poster and recipe competitions. Training sessions on biomedical waste management were conducted for students and faculty. Future plans involve establishing a biogas plant and converting food waste into manure.

Women Empowerment Cell

In charge: Prof Punita Manik

The Women Empowerment Cell at KGMU undertook several initiatives throughout the past year to advance women's welfare and awareness. Programs included a health camp for the elderly, plantation drives, and mental health and menstrual hygiene workshops for schoolgirls. Awareness campaigns focused on breast and cervical cancer, culminating in a celebration for breast cancer survivors in October. The Cell organized a financial literacy session, an essay competition on influential women, and programs on menstrual hygiene and ovarian cancer awareness. These events, held in collaboration with various departments and schools, aimed to foster education, health, and financial independence among women and spread awareness about their rights and social issues.

Alumni Cell

Faculty In-charge: Prof. Sudhir Singh

The Alumni Cell has hosted a variety of events, including lectures, camps, and health days. Significant activities included the World Cancer Day Celebration on February 4, 2023, and the National Cancer Awareness Day on November 7, 2023. They organized online alumni meetings in March-April and November, and will host "Connecting Minds and Empowering Medicine (CME) IGAM" on December 22-23, 2023. Lectures covered a broad spectrum of medical and scientific topics. For instance, the Anaesthesiology department discussed advancements in liver transplant anaesthesia and the need for patents on anaesthesia devices. In Cardiology, the role of AI was highlighted, while Biochemistry explored heavy metal toxicity. Other topics ranged from modern perspectives on speech areas of the brain in Anatomy, to robotic surgery in Orthopaedics, and advancements in cancer treatment in Radiation Oncology. The events featured distinguished speakers from diverse fields and institutions, contributing to professional development and knowledge sharing across various medical disciplines.

Social Media Cell

Dr. Sheetal Verma

Our social media presence has been instrumental in promoting our brand, engaging with our audience, and sharing our story.

Key Statistics

- Twitter: 3,631 followers, 412 posts, with a significant increase in engagement and reach.
- Instagram: 6,663 followers, with a focus on visual storytelling and community building.
- LinkedIn: 10,088 followers, establishing ourselves as thought leaders in our industry.
- Facebook: Over 1,000 followers, with a growing community and increased engagement.

Achievements

- Content Strategy: Developed and implemented a comprehensive content strategy, resulting in a 50% increase in engagement across platforms.
- Brand Awareness: Successfully promoted our brand, values, and mission, reaching a wider audience and establishing our identity.
- Community Building: Fostered a sense of community, encouraging interactions, and feedback from our followers.
- Collaborations: Partnered with influencers and other organizations to expand our reach and impact.

Engagement Metrics

- Twitter: 2,500+ likes, 1,200+ retweets, 500+ replies
- Instagram: 10,000+ likes, 500+ comments, 200+ saves
- LinkedIn: 2,000+ likes, 500+ comments, 100+ shares
- Facebook: 500+ likes, 200+ comments, 50+ shares

Future Plans

- Content Calendar: Develop a content calendar to ensure consistency and planning.
- Influencer Collaborations: Expand our influencer partnerships to reach new audiences.
- Analytics Tools: Utilize analytics tools to track performance and inform our strategy.
- Employee Advocacy: Encourage employee participation and advocacy on social media.

Our social media presence has been a resounding success, and we look forward to continuing our growth and engagement in the upcoming year.

KGMU Community Radio Station

Radio KGMU Goonj, established on 5th February 2022 operates daily from 7 AM to 10 PM on 89.6 MHz. It reaches diverse communities, offering programs that promote physical, mental, social, and spiritual well-being. Key initiatives include raising awareness about healthy lifestyles, injury prevention, and various health issues like cancer, substance abuse, and oral hygiene. The radio station also educates the public on government schemes and current events while fostering social unity through spiritual and motivational content. Programs are broadcasted in Hindi, English, and Awadhi to connect with both urban and rural populations. The station's outreach efforts include live health expert sessions, community interviews, and interactive shows. Radio KGMU Goonj has earned two national awards for its impactful programming, demonstrating its commitment to public service. Additionally, the station collaborates with organizations like UNICEF, SMART, and CEMCA to extend its reach and influence. Through its comprehensive and diverse programming, Radio KGMU Goonj plays a vital role in improving public health and social awareness across the region.

Faculty of Medical Sciences Departmental Achievements

Department of Anaesthesiology

Head: Dr. Monica Kohli

The Department of Anaesthesiology is a prominent training center for BCLS and CCLS courses under the Indian Resuscitation Council (IRC). Dr. Sateesh Verma coordinates IRC courses, with several faculty members certified as CCLS/BCLS instructors. The department has organized successful workshops for medical students, nurses, paramedics, and dental students, as well as training programs for paramedics and nursing staff at Chandan Hospital and rural school children.

The department is also recognized for training Medical Officers in Emergency Care Services under the National Health Mission, with 259 state doctors and nurses trained. Faculty members, including Dr. Zia Arshad and Dr. Ravi Prakash, received commendations from the Government of Uttar Pradesh for developing a module on Critical Care Fundamentals. The department has published 35 papers, authored two books, and contributed book chapters.

Noteworthy achievements include an extramural research grant from the Council of Science & Technology U.P. and participation in a multicentric study on intraoperative fluid therapy. Dr. Hemlata received prestigious fellowships, and Dr. Shefali Gautam won an international award. The department continues to advance its educational and research missions with various workshops and conferences planned throughout 2024.

The Pain Medicine Unit in the Department has managed 7,533 OPD patients, 474 pain medicine OT procedures, 973 IPD admissions, and 504 physiotherapy sessions. Additionally, 2,143 cancer patients received morphine tablets. The unit has trained approximately 300 paramedical students and 259 doctors and nurses under the National Health Mission program. It also conducted state-level training programs for 267 doctors and nurses. A post-doctoral certificate course in pain medicine and a value-added course in pain management and palliative care for undergraduates have been implemented.

Department of Anatomy

Head : Dr Navneet Kumar

Dr. Anita Rani and Dr. Jyoti Chopra have successfully completed their MHPE courses, further enhancing their expertise in medical education. Additionally, Dr. R.K. Diwan and Dr. Garima Sehgal have completed the ACME courses. The department has adopted innovative teaching methodologies such as flipped classrooms, quizzing, model-making, and gamification to boost student engagement. New audio and video display units in the dissection hall facilitate seamless, live dissection demonstrations. The department is also offering two electives in karyotyping and normal abdominal ultrasound. An inter-institutional ICMR extramural research project, involving Dr. R.K. Verma, Dr. Navneet Kumar, and Dr. Sushma Tomar, has been sanctioned.

Faculty members have contributed over 10 publications, showcasing the department's strong research output. Holistic student development is emphasized through various co-curricular and extracurricular activities, including debate competitions, scientific writing and paper presentation competitions, and the prestigious S.S. Khan Dissection Competition. The department celebrated its 119th Foundation Day in June 2024, featuring the Das and Halim Oration, where Dr. Rima Dada, a renowned anatomist and researcher from AIIMS New Delhi, presented scientific evidence on the effects of yoga on immunity and genetics.

The department also organized several cadaveric workshops in collaboration with surgical departments at KGMU and external institutes and continues to provide embalming services to the community. As part of its social outreach efforts, the department has organized body donation camps and donated wheelchairs and benches to various departments, in collaboration with Gayatri Pariwar and Inner Wheel Club.

Department of Biochemistry

Head : Dr Kalpana Singh

With the three-prong approach- academics, research and patient care- the Department of Biochemistry has excelled well in the last academic year.

In academics, the elective courses are offered to Part I 3rd Prof. MBBS students. Regular remedial classes and improvement tests are conducted for students who are slow learners. Role play, seminar presentation, special classes on sensitization and orientation towards research and knowledge on basic techniques, poster preparation are some new ways and methods added to the previous teaching learning methods. As a recognition for excellence in teaching and student mentoring, Dr. Dilutpal Sharma from Department of Biochemistry received the popular teacher award in the year 2023.

In addition, two faculty members were authors for two book chapters for a reputed publisher. 19 original research articles were published in high impact factor reputed journals. As a recognition for excellence in research Dr. Shivani Pandey, Dr. Ranjana Singh, Dr. M. Kaleem Ahmad, Dr. G.K. Sonkar and Dr. Shweta are all bestowed with different awards and fellowships. The Junior residents and Research scholars, too, are garlanded with awards by different national and international societies.

In patient care, the Clinical Biochemistry laboratories located at Gandhi Memorial Hospital, Shatabdi Hospital and in the department are catering, analyzing, validating and reporting hundreds of test samples every day. The clinical biochemistry lab (ICU Stat Lab) is accredited by NABL this year for the quality reports generated in the lab.

The Department of Biochemistry is also not far behind in its organizing skills. The 1st Pre-conference CME of ACCLMPCON was organized on 27th August, 2023 for which Dr. Kalpana Singh received the STAR award from the ACCLMP in 2024. CME on Heavy Metal and Human health was successfully organized by the department on 23rd December, 2023.

Department of Cardiology

Head: Prof S K Dwivedi

The Cardiology Department at King George's Medical University is expanding its capabilities with the construction of a new 92-bedded ICCU wing, set to open in October. This upgrade includes nearly 40 crores worth of new equipment, such as top-of-the-line catheter laboratories, 3-D echocardiography systems, and a central monitoring system. Academically, the department has increased its DM seats from 8 to 12 per year and added six Adhoc Assistant Professors. Faculty published 26 research papers in international journals and established five new super-specialty OPD clinics covering pediatric cardiology, pacemaker and arrhythmia, lipids, structural heart disease, and heart failure. The department also hosted several workshops and conferences, including those on Balloon Mitral Valvotomy, heart failure, and physiological pacing. Noteworthy achievements include international fellowships for Dr. Monika Bhandari (American College of Cardiology) and Dr. Ayush Shukla (Asia Pacific Society of Interventional Cardiology). Despite its limited bed capacity of 80, the department was ranked as the 4th largest volume center for coronary interventional cardiology in 2023 by the Cardiological Society of India.

Department of Cardio Vascular Thoracic Surgery (CVTS)

Head: Dr Vivek Tewarson

The Department of CVTS-'Heart Surgery Centre', KGMU, Lucknow has come to the forefront in providing cost effective and quality cardiac surgery to the masses. There are three fully equipped modular operating theatres, one of them dedicated to hybrid / robotic surgeries. This is supported by sixteen bedded fully equipped Intensive Care Unit with central air/ oxygen supply, 24 hours power backup, invasive monitors, ventilators, IABP, TEE, Cell Saver, ABG, Biochemical investigations, etc. Over the past one year, we have performed several outstanding surgeries including Aortic surgeries wherein for the first time DHCA (Deep hypothermic circulatory arrest) modality was used and the patient was discharged successfully. MICS (minimally invasive cardiac surgery) for ASD (Atrial septal defect) and valve replacements are being regularly performed in our department of CVTS with excellent results. Moreover, our department also holds the distinction of using LVAD (Left ventricular assist device) successfully in cardiac failure patients on a regular basis

with successful outcomes. Our faculty members have excelled in various academic as well as professional forefronts in national as well as international platforms. Keeping the legacy high and moving ahead the department is all geared up with basic infrastructure and facilities to begin with Heart Transplant Surgery in Uttar Pradesh in the near future.

Department of Clinical Hematology

Head: Prof. Shailendra Prasad Verma

On August 12, 2023, a state-level hematology quiz was successfully organized, featuring participants from various medical institutions. This quiz aimed to test and enhance knowledge of hematological disorders among medical professionals and students, fostering a deeper understanding of this critical field.

Additionally, the Department of Clinical Hematology, in collaboration with the Hemophilia Society Lucknow, celebrated World Hemophilia Awareness Day on April 16, 2024. The awareness program saw the active participation of over 100 hemophilia patients and their families. This event was designed to increase awareness about hemophilia, educate patients and their families about managing the condition, and provide a platform for discussing advances in treatment. By partnering with the Hemophilia Society, the department effectively highlighted the importance of community support and education in managing hemophilia, reinforcing the commitment to improving patient care and quality of life for those affected by this condition.

Department of Community Medicine and Public Health

Head: Prof. Monika Agarwal

In 2023-24, the department introduced an elective course on "Research Methodology" for MBBS students, focusing on study designs, sample size estimation, data collection tools, and scientific literature. The department is actively engaged in social responsibility initiatives, including a Road Safety Awareness Week (July 26, 2023), Dengue prevention campaigns (August 2023), and a National Nutrition Week for pregnant and lactating mothers (September 2023). The Family Adoption Program extended support to 750 families each from the MBBS batches of 2023 and 2022, and around 500 families from the MBBS batch of 2021.

Educational workshops were held, such as the Kangaroo Mother Care workshop (November 18, 2023) and a seminar on Data Analysis in Medical Research (November 15-17, 2023), enhancing skills and knowledge among participants.

The department's faculty and students received several accolades, including the Prof. B. G. Prasad Oration Award and the IAPSM UP & UK State Chapter Fellowship for Prof. Monika Agarwal. Additionally, postgraduate students achieved sports accolades, demonstrating a well-rounded commitment to excellence in both academic and extracurricular pursuits.

Department of Critical Care Medicine

Head: Dr. Avinash Agarwal

The Department of Critical Care Medicine, led by 10 faculty members, offers a DM Critical Care Medicine program with 5 new students joining in 2023 and a 1-year post-doctoral certificate course (PDCC) with an annual intake of 6 students. In 2023, the department admitted 1123 patients to its two ICUs, with 640 discharged or transferred and a mortality rate of around 33%. The lab unit performed 19,000 blood gas analyses, 1,100 procalcitonin tests, and 150 TEG tests.

Notable achievements include Prof. Avinash Agrawal receiving the Promising Intensivist Award 2024, Dr. Armin Ahmed earning a certificate of excellence at the 2023 World Critical Care and Anesthesiology Conference, and Dr. Syed Nabeel Muzaffar winning best oration at the ISCCM National Conference. Dr. Sai Saran PV was honored with the Young Intensivist Award and the ISCCM Young Researcher Award, while Dr. Saima Jamal won the best e-poster award.

The department hosted two significant workshops in 2023, including a blood gas monitoring workshop and a CME-Workshop on POCUS. It celebrated its 7th Foundation Day with orations by distinguished guests and organized the Precision Medicine and Intensive Care Conference in February 2024, featuring global experts and dignitaries.

Department of CFAR Head: Dr. Vimala Venkatesh

The Centre for Advanced Research (CFAR) is a world-class research facility dedicated to cutting-edge fields in the contemporary biomedical sciences. The research profile of CFAR is outstanding with twelve ongoing extramural projects supported by SERB-DST, AYUSH, ICMR, and DHR. In the last year there were 12 publications from the centre in highly indexed journals, in addition to 5 book chapters. There are fifteen candidates enrolled in the university PhD program from the various laboratories of the centre. The faculty and students have collectively received nine awards (which ones) One of the goals of CFAR is to assist medical professionals conducting clinical research by offering laboratory support. In this endeavour the faculty of the department co-supervises 25 MD, MS, MCH, and MDS theses from several departments of the institute. In addition, the centre offers elective courses in medical genetics, molecular biology, stem cell biology, and cytogenetics techniques for MBBS students. 46 students have completed an elective from CFAR. The CFAR organized two conferences this year: the Annual Thalassemia Update 2024 and a workshop on Flow Cytometry. The WARMTH (Women in Academia Research and Management of Toxicology and Health Wellness) conference was organised in collaboration with IITR, Lucknow. The CFAR has been actively involved in the social outreach program to spread awareness about Thalassemia which is prevalent in the Tarai belt of Eastern Uttar Pradesh. The center has collaborated extensively with renowned institutes in the last year to advance research, including the Department of Biological Sciences at IISER Bhopal, the Department of BSBE at IIT Kanpur, and NCCS in Pune.

Department of Dermatology Venereology Leprosy Head of the Department: Dr Swastika Suvirya

The Department of Dermatology, Venereology, and Leprosy operates specialty clinics for conditions such as leprosy, neglected tropical diseases, vitiligo, psoriasis, and immunobullous disorders. The department has published 4 publications in the past year.

In 2023, the department earned a certificate of appreciation during the National Pharmacovigilance Week for reporting the highest number of adverse drug reactions. December 2023 saw the successful organization of a Leprosy CME cum workshop, in collaboration with the Department of Radiodiagnosis, which was attended by over 100 delegates and featured several esteemed national experts.

Department of Endocrine Surgery Head : Dr. Anand Kumar Mishra

The Department of Endocrine Surgery has recently upgraded its facilities with the addition of a vacuum biopsy machine. Prof. Anand Mishra is actively involved in several national and international associations, including serving on the Governing Council of the Association of Surgeons of India and holding key positions in the Indian Association of Endocrine Surgeons and the Asian Association of Endocrine Surgeons. Dr. Pooja Ramakant is the Editor-in-Chief of the Indian Journal of Endocrine Surgery & Research and received the Women Achiever Award in July 2023. Prof. Mishra was honored with the Prof BR Parekh Memorial Oration, while Dr. Ramakant was awarded a Senior Travelling Fellowship by UPASI.

Faculty members also earned higher qualifications, with Prof. Mishra obtaining an MCh in Breast Oncoplasty and Dr. Ramakant receiving ASS and ARCS qualifications. The department has received significant research grants, including a major project from ICMR. A successful KGMU Breast Update 2023 conference was held in September 2023. For social outreach, an International Women's Day awareness program on women's cancer was organized in March 2024.

Department of Emergency Medicine

Head : Dr Haider Abbas

The Department of Emergency Medicine, one of the busiest in the region, handles around 300 patients daily in its triage area. It offers advanced training through its MD program in Emergency Medicine, along with Post Doctoral Certificate Courses (PDCC) in Resuscitative Emergency Medicine and Emergency & Acute Care. Recent enhancements to patient care include the addition of Autopulse devices and transport ventilators.

Prof. Haider Abbas, the department head, organized World Emergency Medicine Day with the theme "Climate Change is a Health Emergency too," and hosted Dr. Praveen Kalra from Stanford Medical School, who discussed smart healthcare innovations. Prof. Abbas was elected Vice-President of the Society for Emergency Medicine India (SEMI), UP Chapter, while Dr. Mukesh Kumar was appointed Secretary of the SEMI Lucknow Chapter. The department has made significant contributions to the field with eight research papers published in national and international journals. Additionally, Prof. Abbas received the prestigious Fellow of the Royal College of Physicians (FRCP) honor from the Royal College of Physicians, London. He also serves as Vice-President of the Indian Medical Association, Lucknow Chapter.

Department of Forensic Medicine & Toxicology

Head : Dr Anoop kumar Verma

In July 2023, Northern India welcomed its first Analytical Toxicology lab, marking a significant milestone in clinical patient management for the region. This state-of-the-art facility is dedicated to advancing forensic medicine and toxicology, including specialized training for PMS doctors. Throughout the year, the lab provides comprehensive training in both classroom settings and through hands-on experience in the mortuary, where participants learn about autopsy procedures and the collection of critical samples.

As part of Toxicology Week celebrations on September 26, 2023, the lab organized a Poster Competition themed around First Aid in Poisoning, Common Household Poisons, Do's & Don'ts in Snake Bites, and Toxidromes. This event saw enthusiastic participation from 23 teams, each comprising two students, from various colleges. The competitors created and presented handmade posters, showcasing their knowledge and creativity. A panel of judges evaluated the presentations, culminating in the announcement of the winning team. This competition not only highlighted important toxicology topics but also fostered engagement and learning among students.

Department of Geriatric Mental Health

Head : Dr Shrikant Srivastava

An interactive session on menstrual health and hygiene was recently conducted to address critical issues surrounding menstrual care. This session aimed to educate participants on proper hygiene practices, the management of menstrual health, and to dispel common myths. Through interactive discussions and practical demonstrations, attendees gained valuable insights into maintaining menstrual health and fostering open conversations about this often-taboo topic.

In the realm of Geriatric Psychiatry, there was a focus on practicing outside of traditional academic settings. This involved applying psychiatric principles and interventions tailored specifically for the elderly in real-world environments. Practitioners explored various approaches to address mental health challenges faced by older adults, emphasizing the importance of personalized care and community-based strategies.

Additionally, a Faculty Development Program was held on optimizing digital resources for creating interactive learning content. This program aimed to enhance faculty skills in leveraging digital tools to develop engaging and effective educational materials. Participants learned about various digital platforms and techniques to create interactive and multimedia-rich content, ultimately improving the learning experience for students and staying current with educational technology trends.

Department of Hospital Administration

Head of the Department: Dr Nitin Dutt Bhardwaj

The department celebrated the completion of courses by MD and Master's students. Eminent visitors such as Dr. D.K. Sharma, Dr. S.K. Patnaik, Dr. Anoop Kumar Daga, and Col. (Dr.) M.M. Singh contributed to the department's prestige.

Faculty members have made significant research contributions, publishing several international papers on topics like biomedical waste management, patient satisfaction, and COVID-19 vaccine supply chains. Noteworthy activities include organizing a conclave on Quality-Based Procurement in collaboration with Indian Institute of Material Management & Ethicon, and a training session for nursing officers.

Department of Medical Gastroenterology

Head: Dr. Sumit Rungta

Department has grown itself in terms of doubling the number of beds from 20 to 40 in Inpatient department (IPD) as well as expansion of its family as the department is joined by four new faculty members this year. Department has also introduced a Hepatology clinic. Department has led to successful Public Health initiatives with organisation of a seminar on national Viral Hepatitis Control Programme and training of the medical officers and the general populations on world Hepatitis Day thus creating awareness about the disease. The department has effectively initiated newer diagnostic modalities such as capsule endoscopy and therapeutic applications of Endoscopic Ultrasound this year, bestowing us with advanced ability to diagnose and manage.

Continuing, Successful organisation of conference, UPISGCON, was done by the department in collaboration with the Uttar Pradesh Chapter of the Indian Society of Gastroenterology (UPISG) and the Indian Society of Gastroenterology (ISG).

With continuing updates in medical literature in Gastroenterology, department conducts various thesis and research projects with time to time publications in reputed National and International Journals and Paper/Poster presentation at various National Platforms. These achievements reflect a commitment to advancing the field and improving patient outcomes in Gastroenterology.

Department of Medical Oncology

Head: Dr Esha Jafa

The Department offers chemotherapy, targeted therapy, immunotherapy to adults and children with cancer for a wide range of malignancy sites ranging from brain to the extremities. The department has actively participated in tumor boards held in KGMU. The department plans to initiate advanced educational programs, such as a Doctorate in Medicine (DM) in Medical Oncology and a PhD program. These expansions aim to enhance both clinical and academic opportunities within the department, furthering its mission to provide cutting-edge cancer care and education.

Department of Medicine

Head: Dr Virendra Atam

The Department of Medicine has been active in both clinical and research achievements, with 28 MD post-graduate seats and recognition as an ART Plus Centre, Regional Geriatric Centre, and Satellite Centre for the National Clinical Registry for COVID-19. Faculty have made significant contributions, including Dr. Kauser Usman receiving the RCPE Brian Chapman Scholarship 2024, Dr. S.C. Chaudhary earning the Fellowship of the Indian Society of Hypertension and serving as secretary of UP-API, Dr. M.L. Patel being awarded Fellowship of the American College of Physicians, Dr. Deepak Bhagchandani winning the Most Popular Teacher Award and Fellowship in Diabetes, Dr. Satish Kumar receiving Fellowship IMA-AMS, and Dr. Amit obtaining Fellowship in Chrono Medicine. The department published 65 articles and undertook important projects, including Dr. Patel's research on biomarkers for acute kidney injury and Dr. Lamba's study comparing biomarkers for cardiac dysfunction in liver disease. Additionally, the department celebrated World Kidney Day, World Hypertension Day, and a Physician Day awareness program.

Department of Microbiology

Head: Dr Amita Jain

The Department of Microbiology has established the Infectious Disease Research and Diagnostic Laboratories (IDRDLs) with DHR/ICMR support to enhance bacteriology, mycology, and parasitology. The department holds several prestigious certifications, such as NABL-ISO 15189:2012 and various quality control programs. Faculty members are actively involved in national and international committees and editorial boards. Notable awards include Dr. Sheetal Verma's multiple recognitions for community service and research contributions. The department manages over 25 extramural projects with significant funding and focuses on infectious diseases. Prominent publications include research on influenza, COVID-19 impacts, and fungal infections. The department has also contributed to academic literature with chapters in microbiology textbooks. It organized the 46th Annual Conference of Indian Association of Medical Microbiologists (MICROCON 2023), featuring over 1,500 delegates and 60+ exhibitors. Extension activities include AMR awareness campaigns and various academic competitions.

Department of Nephrology

Head: Dr. Vishwajeet Singh

Prof. Vishwajeet Singh received Certificate for Eminence in Research at Showcase 2023, KGMU for his work on CYP1A1 Gene Polymorphism in Benign Prostatic Hyperplasia and Prostate Cancer. An ICMR approved project, with a substantial grant of Rs. 3,351,300/-, is running from September 30, 2023. This research aims to explore novel therapeutic strategies for addressing renal toxicity and the progression of chronic kidney disease (CKD) by targeting specific epigenetic modulators, potentially leading to groundbreaking advancements in the treatment and management of CKD.

Our infrastructure has seen substantial growth, particularly in the expansion of Minor Operating Theatres (OTs). In minor OTs, we perform procedures like Renal Biopsies, Internal Jugular Vein Catheter insertion, Tunnelled catheter insertion, etc. The number has increased from 100 in 2017 to 258 in 2023, enhancing our surgical capabilities and allowing for more efficient handling of renal-related procedures. The demand for our services is evident in the Inpatient Department (IPD) statistics, with the number of patients exceeding 11,000 in 2022. There are a total of 20 beds in the Nephrology department all of which are fully functional, and we run 03 OPDs per

Department of Neurology

Head: Ravindra Kumar Garg

The Department of Neurology made notable advancements during the 2023-2024 academic year. A significant acquisition was the Natus Dantec Clavis, a handheld EMG device for EMG-guided botulinum treatment in movement disorders. The department's DM Neurology program expanded to ten seats, approved by the National Medical Commission (NMC). Faculty achievements were prominent, with Dr. R.K. Garg and Dr. Neeraj Kumar serving as Executive Editors for Clinical Key Now at ELSEVIER, Dr. Rajesh Verma holding key positions, including Vice-President of the UP-UK Neuroscience Society, and receiving a fellowship from the American Academy of Neurology. Dr. Hardeep Singh Malhotra, an Executive Member of the UP-UK Neuroscience Society, earned the Best Poster Award from KGMU's Research Cell.

Promotions included Dr. P.K. Sharma advancing to Professor. The department hosted events like the CME on Neurogenetics and collaborated on projects, including the STENOSIS Trial with AIIMS, New Delhi. Research outputs featured influential papers on movement disorders in SSPE and treatment outcomes in spinal cysticercosis. Dr. Verma authored a book on headaches and a chapter on the Internet of Things. The department also focused on outreach activities, emphasizing awareness of stroke and movement disorders, solidifying its esteemed position in neurology

Department of Neurosurgery

Head: Dr BK Ojha

In 2023, the Department of Neurosurgery made notable strides, establishing a Neurosurgery Microscopic Vascular Anastomosis and Endoscopic Skill Lab for simulation-based learning, complemented by a new smart LED video and audio system to enhance student education. The department invested Rs 1 crore to upgrade its neurosurgical armamentarium, including a Neuro-endoscope system and Intraoperative

Ultrasound, significantly enhancing patient care.

Key events included a Live Operative Workshop and National CME on Cranio Vertebral Junction Anomalies, international cadaveric workshop on Endoscopic & Microscopic skull base approaches, and a state-level Endoscopic Spine Cadaveric Workshop, drawing participants globally and locally.

Public awareness initiatives featured lectures on Head Injury Awareness Day and the 2nd Annual Interschool Art and Quiz Competition on head injury, involving over 100 students.

Department of Obstetrics & Gynecology

Head: Dr. Anjoo Agarwal

Dept of Obs and Gyn KGMU initiated two new trainings for improving maternal and neonatal health in the state, first was a training of surgeons to perform caesarean section to ensure availability of caesarean delivery even in remote areas of the state. Second is a training of gynaecologist in doing obstetric ultrasound so that no complicated pregnancy is deprived of this basic facility. The department continued to conduct RRTC and CEMONC trainings which too aim at improving health care services in the state.

Dr S P. Jaiswar superannuated and Dr Anjoo Agarwal took charge as HOD. She was nominated by NMC as chairperson of committee to review NMC curriculum in Obs and Gyn for UG students. The committee included faculty from all parts of India The last year also saw restarting of IVF facilities in the department which had been discontinued during the covid pandemic. The department conducted a training program in infertility for PGs of Lucknow on 2nd sep 2023 which was greatly appreciated by all. Many new research projects have been initiated in the department including a project in collaboration with THSTI and DBT. Other AI projects also started. A maternal sick newborn care unit for nursing sick babies with their mothers is also being planned in the department.

A sanitary pad vending machine has been installed in the adolescent clinic of the department on world menstrual hygiene day on 28th May 2024. The ICU of the department is running 24 hours with expert in house management of serious obstetric cases. Skill lab is now being utilised to full capacity with daily teaching of mbbs students in skill lab on essential obs and gyn skills. Good clinical practice training and a PG foundation course was held for new PGs including orientation for mental health issues. In RRTC a nurse facilitator guide was released and nurses have also been included in the training mentoring program. To Improve neonatal health cap training program has been initiated as part of RRTC

Department of Ophthalmology

Head: Dr. Apjit Kaur

The department has established a surgical skill lab focused on incision-making and phacoemulsification, alongside offering elective courses in subjective and objective refraction for MBBS students. Special programs have been initiated for slow learners to support their academic progress. Prof. Apjit Kaur, the Head of the Department, received the Sushrut Samman from the Forum of Ophthalmic Teachers of India (FOTI). Dr. Nibha Mishra was honored with the S. Natrajan Award for the best research paper presentation in Vitreo Retina at the All-India Ophthalmology Conference in March 2024. Senior residents Dr. Samya Singh and Dr. Divya Gupta were awarded FAICO degrees in Vitreo Retina and Glaucoma, respectively, while Dr. Prachi JR3 secured the Dr. Chandra Award Scholarship from the Royal College of Ophthalmologists, UK.

The department is engaged in ICMR and intramural projects in collaboration with other university departments. Noteworthy events included the M.K. Mehra Oration by Dr. Harbanslal, Chairperson of the All India Ophthalmic Society. Regular local camps are held, including weekly visits to the Rural Health Training Centre, Banthra, and fortnightly camps to Devalay, Netra Chikitsalay. The department also contributes to the National Program for Control of Blindness by providing subsidized or free surgeries.

Department of Orthopaedic Surgery

Head: Dr. Ashish Kumar

The department organized cadaveric workshops in collaboration with the Department of Anatomy: Pelvi-acetabular, Spine Conclave, and Knee Arthroscopy Conclave. Additionally, they hosted a postgraduate instructional course, the IASCON national conference, and the National Workshop of IOACON at KGMU.

The department published 37 articles in national and international journals. Notable awards include Prof. Narendra Singh Kushwaha's four-week ISKSAA JRC Australia fellowship, Prof. Kumar Shantanu's IOA Yuva Mentor Fellowship, and Dr. Shah Waliullah's AO Spine International Fellowship and HKT Raza Gold Medal at IOACON 2023. Dr. Shailendra Singh was elected Secretary of the Lucknow Orthopaedic Society, and Dr.

Dharmendra Kumar received the Dr. U.S. Mishra Gold Medal and was elected executive member of APAS India. The department significantly improved patient care, with increased elective surgeries, including complex Pelvic-acetabular surgeries, tumor mega-prosthesis, revision joint replacements, and spinal deformity corrections. Future expansions are anticipated with the upcoming Orthopaedic Super Speciality Building.

Department of Pathology

Head: Dr U. S. Singh

In 2023, the department organized several state and national events, including the UP Chapter of Indian Academy of Cytologists (UPCYTOCON) on September 15th. Workshops on squash and LBC cytology were held on September 16th. The Departmental Foundation Day on January 31st, 2024, Other notable events included a CME on recent laboratory updates on April 6th, a workshop on bone marrow morphology on April 26th, and celebrations for World Ovarian Cancer Day and Thalassemia Day on May 8th. A Research Tool Kit Workshop took place on May 13th.

The Clinical Chemistry Laboratory cleared its fourth ISO 15189-2012 NABL cycle and participates in various EQAs programs. New facilities include a gross room with imaging, several new analyzers, and a laboratory information system. New tests added include Growth Hormone and ACTH. MD seats were increased, and new PDCC courses were introduced. Faculty received numerous awards, including Prof. Rashmi Kushwaha's MNAMS and Dr. Geeta Yadav's Best Publication award. Faculty also authored chapters in various books, contributing to a total of 40 publications from the department.

Department of Otorhinolaryngology and Head Neck Surgery

Head: Dr Anupam Mishra

The Department of Otorhinolaryngology & Head neck surgery has contributed significantly towards patient care in terms of catering to 96000 OPD patients and 1600 in-patients in last year. The faculty contribution has been significant in terms of international representation by presenting their excellent research in international meetings in USA & Dubai.

The department further conducted one state level and one national level workshop on FESS, where Dr Rajat Jain played significant role in organising the same. More than six research papers were published from the department in various indexed journals. Moreover, four faculty were honoured by the state level Association hotels of India to be invited in national & state level conferences as a resource persons.

The department infrastructure was replenished by the strong support from honourable Vice Chancellor in terms of more than Rs 50,00,00/- grant for procuring various surgical instruments and diagnostic equipments.

The department further, initiated the facility of hearing aid trial at OPD in collaboration with Mathur radios. The neonatal hearing screening program and DHLS program through Ayush got a boost with further admission of respective candidates.

In addition, the department was further approved for internship training for Audiologist with support of administration. We hope to further enhance the training, patient care and infrastructure augmentation to serve the community in a better way.

Department of Pediatrics

Head: Dr Mala Kumar

The Department has started fellowship in 3 courses namely Neonatology, Pediatric-gastroenterology and Pediatric intensive-care & Pulmonology and has restarted fellowship in Pediatric-Neurology. Upper GI Endoscopy and Developmental-assessment-scales-for-Indian-infants (DASII) have been started as new facilities. Department introduced 'Symposium', a new teaching-learning-method in curriculum of PGs and OSCE for formal-assessment of UGs.

Dr Shally Awasthi superannuated this year and Dr Mala Kumar took charge as Head of Department. Dr Mala Kumar received Presidential appreciation award by NNF; Dr Shalini Tripathi and Dr Areesha Alam received institutional award-certificate for eminence in research; Dr Areesha Alam was awarded first prize in oral-paper-presentation in Neuropedicon 2023 (National-conference). Dr Sarika Gupta was awarded RCPCH-fellowship; Dr Sanjeev Verma was awarded Pediatric-Gastroenterology-(IBD)-fellowship, University of Otago, New Zealand; Dr Arpita was awarded Med-E-classes Fellowship-in-Pediatric-Endocrinology. Dr Pragati Jha, UG, and

Dr Anjali Barua, PG, won prestigious IAP - ICP Research-Grant 2023 (awarded to very-few students Pan-India). Dr Chandrakanta & Dr Areesha Alam attended Pediatric-Epilepsy Training-Course: Level 1, British Pediatric Neurology Association; Dr Shalini Tripathi attended workshop on DASII; Dr Arpita, Dr Areesha Alam and Dr Harkirat Kaur attended workshop on Cochrane-protocol-development; Dr Areesha Alam attended basic-course in medical-education; Dr Harkirat Kaur attended NEOPOCUS course-for neonatal bedside-ultrasonography-&-echocardiography. The State Neonatal Resource Centre (SNRC) designed a Training Module for CPAP and organised 4

Training of Trainers in CPAP. The department also organised a workshop on "Neurodevelopmental follow-up of high-risk neonates" and a CME on Paediatric-endocrinology, NRP & Paediatric -life-support training for PGs. Our faculty participated as speakers & trainers in conferences and out-reach activities.

The faculty published 28 publications and contributed 5 book-chapters. There are 11 collaborative-researches being run with various institutes and professional bodies and there are 7 MoUs with international/national bodies for research and patient-care.

Department of Paediatric Orthopaedics

Head: Dr. Vikas Verma

Dr. Vikas Verma was appointed as Section Editor for the Journal of Bone and Joint Disease. Dr. Suresh Chand received the Ghaziabad International Fellowship 2023-24, Dr. Asfaque obtained the UPOA Travelling Fellowship. The department secured one extramural project grant from the AO Organization. Dr. Suresh Chand wrote a chapter on pediatric extremity injuries. Social outreach activities include Bone & Joint Day, a drawing competition for Children's Day, and World Clubfoot Day.

Department of Pediatric Surgery

Head: Dr. Jiledar Rawat

A new Emergency OT complex has been fully operationalized, enhancing the facility's capability to handle urgent surgical cases. In terms of innovation, Dr. Anand Pandey was awarded a patent for a hand-held consistometer and has a second patent published for a portable muscle stimulator, reflecting the department's commitment to advancing medical technology. Dr. Archika Gupta has been elected Secretary and Dr. Anand Pandey as an executive member of the Association of Pediatric Surgical Oncology, Dr. Gurmeet Singh's appointment as Finance Secretary of the Indian Medical Association, Lucknow.

Department of Pharmacology & Therapeutics

Head: Dr. Amod Kumar Sachan

In 2023, the Department of Pharmacology organized the 3rd National Conference of the National Association of Pharmacology & Therapeutics (NAPTICON-2023), in December. The conference featured pre-conference workshops on Artificial Intelligence and Basic Life Support. The department continues to manage the ADR Monitoring Centre under the National Pharmacovigilance Programme, successfully hosting the 3rd Pharmacovigilance Week in September. They also conducted induction and training programs on ADR reporting for various stakeholders. Notable achievements include Prof. Rajendra Nath and Prof. Rishi Pal receiving the "Excellence in Research" award, Prof. R.K. Dixit and Prof. Rishi Pal presenting research at the 19th World Congress of Basic and Clinical Pharmacology in Glasgow, and Prof. Rishi Pal being appointed as an Editorial Board Member for International Immunopharmacology and receiving the "Young Investigator" award from the British Pharmacology Society. Additionally, the faculty published 23 high-impact research papers and contributed book chapters to Elsevier publications on neurological disorders and stem cells.

Department of Physical Medicine and Rehabilitation

Head : Dr. Anil Kumar Gupta

In academic year 2023-24, total 28984 patients attended the PMR OPD, in which 407 patients were admitted for IPD services. In same academic year total 3192 patients were benefited by surgical interventions in which 136 were major and 3056 were minor. Our Prosthesis and Orthosis workshop section delivered 7146 Orthosis and prosthesis to patients, were as with our occupational and physiotherapy section 15479 patients got benefited. Our radiology section performed total 51883 X rays and Dept. got upgraded by a new High Resolution Musculoskeletal ultrasound machine. In area of outreach program 6 camps were organized with the help of various NGOs in which 66 ambulatory aids, orthosis and prosthesis were delivered to patients free of cost. In area of academic excellence six book chapters were published by various faculties of department, 8 Research papers were published from department in PUBMED, SCOPUS indexed journal. A patent application has been submitted to develop a device for gait rehabilitation in foot drop. In award area Prof. Dr. Anil Gupta HOD, got state level award for the category officers working for the empowerment of persons with disabilities. Yoga session was organized in collaboration with Lucknow University on world yoga day for physical handicapped people.

Department of Physiology

Head: Dr Shraddha Singh

The department offers a vibrant environment for professional, scientific and holistic development of the students. Many post graduate students (MD, MD PhD) are working in the lab to establish a normative data in Indian population. In addition, Autonomic Function Lab with the latest equipment for ANS & HRV testing has been installed for research and patient care. Department has conducted **workshops on Continuous Glucose Monitoring, Sleep , Ambulatory Blood Pressure Monitoring, PFT , BERA , Research Methodology , Yoga & Health , ANS , Thromboelastography, Learning by mannequin, Exercise Physiology during Annual Conference of Association of Physiologist of India in October. 2023.** Department has organized a joint conference of UP-UKAPPI & ASSOPI UP Chapter (PHYSIOLOGYUP 2024) in March, 2024.

Total 19 publications in National and International Journal. Four ICMR funded project are running in our department. **Padma Shri Prof. Shashank Joshi**, Chief Consultant, Lilavati Hospital, Mumbai delivered **Prof. RC Shukla oration in November 2023.**

Prof Shraddha Singh elected as a President of UP UKASSOPI in March 2024 and Awarded FISH, in Nov. 2023. **Prof Manish Bajpai** awarded "Best Teacher in Physiology" award by the Association of Physiologists & Pharmacologists (APPI) at AIIMS, Kalyani in Nov. 2023 and received FRCP (Fellowship of Royal College of Physician, Edinburgh) UK in July 2023. **Prof Archna Ghildiyal** awarded Fellow of Indian Society of Chronomedicine and Fellow of Indian Society of Hypertension. **Prof Dileep Kumar Verma and Prof Jagdish Narayan** were awarded fellowship of Indian Society of Hypertension

Many curricular and co-curricular activities are running in the department throughout the year, one significant event as **All India Physiology Quiz** competition was organised on 15th June, 2024 at Kalam Centre.

Department of Plastic Surgery

Head : Dr Vijay Kumar

The department made significant strides in 2023-24, adding essential equipment such as a deep freezer, biosafety cabinet, skin grafting knives, electric warmers, nerve stimulator, and skin graft masher, along with OT tables and a venaous copler. The department achieved ISO certification, underscoring its commitment to quality standards.

Faculty members, including Dr. Vijay Kumar and Dr. Divya Narain Upadhyaya, assumed prominent editorial roles in renowned journals, while Dr. Vijay Kumar earned the RN Sinha Best Publication Award and Chiktsa Ratan Award. The department hosted eminent visitors such as Prof. Pawan Agarwal and Dr. Marcus Wagstoff, and secured extramural grants for research on burn care and AI-based burn estimation. It published notable research on burn care systems and platelet-rich plasma in burn therapy and contributed 15 book chapters.

Scientific events included CMEs and conferences on diabetic foot and wound care, complemented by workshops on biomedical waste management. The department's outreach efforts involved cleft lip surgeries and health camps, alongside extensive COVID-19 training and certification, demonstrating a robust dedication to research, education, and community service.

Department of Psychiatry

Head: Dr Vivek Agarwal

In 2024, a new teaching program introduced a Post-Doctoral Fellowship with two seats in Addiction Psychiatry and one in Non-Invasive Brain Stimulation, complementing the existing seats in Child and Adolescent Psychiatry. The department also expanded its educational offerings with a range of undergraduate electives in fields such as Research, Child Psychiatry, Addiction, Psychology, Sexual Health, and Women's Mental Health.

Facilities were upgraded with advanced labs for ECTs and neuromodulation techniques like rTMS and tDCS, while faculty members engaged actively in research and development programs. Notable achievements included Prof. Vivek Agarwal's nomination as president-elect of IACAM and editor-in-chief of the Indian Journal of Social Psychiatry, and Prof. Anil Nischal's election as President of the Central Zone Psychiatry Society of IPS. Dr. Sujit Kumar Kar received the B.B. Sethi Award from IPS Central Zone. The department contributed 109 national and international publications and 24 book chapters.

The year was marked by several significant events, including celebration of the World Mental Health Day, CMEs on the gut-brain axis and neurodevelopmental disorders. The annual Foundation Day, celebrated on March 30, 2024, focused on the practical aspects of rehabilitation in psychiatry, highlighting our continued dedication to advancing mental health care.

Department of Pulmonary and Critical Care Medicine

Head : Dr. Ved Prakash

In 2023-24, the Pulmonology Department, made significant advancements with the addition of new equipment, including flexible cryoprobes, endowashers, endobronchial APC probes, and transbronchial lung cryobiopsy tools. They also introduced pulmonary artery catheterization, endobronchial ultrasonography, and rigid bronchoscopy with tumor debulking.

Prof. Ved Prakash was honored with the Zonal ICS Award for the North Zone. Eminent visitors, such as Padma Shri Dr. Digambar Behera and Prof. Dr. Virendra Singh, were hosted at the Allergy Asthma Conclave 2024.

The department published studies on thoracoscopy, thoracoscopic pleural lavage, and Poland Syndrome, and contributed seven book chapters. Scientific events included CMEs on World Sepsis Day, COPD, World Tuberculosis Day, and conferences on Sleep Medicine and Allergy & Asthma. Workshops were held on allergy testing, sleep studies, PAP titration, and bedside lung ultrasound.

The department engaged in social outreach through health camps and community health events, and provided extensive COVID-19 training and certification for all faculty, residents, and staff.

Department of Radiodiagnosis

Head: Dr. Anit Parihar

The Department of Radiodiagnosis has had a successful year with significant achievements in equipment, academic endeavors, and community service. New additions include a 3 Tesla MRI Machine and a 160 Slice CT Scan machine. The department hosted two conferences: "Exploring New Frontiers in MRI & CT" and "Diagnostic Advances in Leprosy." Faculty members presented at international conferences, such as SARCD XII in Colombo, Sri Lanka, and the XXIV FIGO World Congress in Paris, France. Dr. Durgesh K. Dwivedi was honored with the E. K. Zavoisky Award and was elected to the Executive Committee of the ISMRM India Chapter. Academic achievements among residents include Dr. Shubhi Agarwal's completion of certificate courses in Fetal Radiology and Neuroradiology and her guest lecture on "Imaging in Pediatric and Adolescent Breast Diseases," and Dr. Nitin Bharti's awards in scientific poster presentations, paper/case presentations, and quizzes. The department's ongoing commitment to excellence in education, research, and community service highlights its growth and success.

Department of Radiotherapy

Head: Dr Rajeev Gupta

The Department of Radiotherapy has seen remarkable achievements under the leadership of Prof. M.L.B. Bhatt, who retired on December 31st. One of the key features of the department is the weekly tumor board meetings, where cases are discussed by a multidisciplinary team to ensure comprehensive patient care. The department is also deeply involved in community engagement, regularly conducting cancer awareness programs to educate the public about early detection and prevention strategies. This focus on public health is further supported by the acquisition of a state-of-the-art cancer detection unit, donated under the CSR initiative of Bharat Electrical Ltd. This helps in screening and early detection of cancer.

Academically, the department has been prolific, with a total of 30 publications and contributions to three book chapters. Additionally, the department has been an active participant in the academic community, hosting four conferences. The department's commitment to professional excellence is further evidenced by three of its consultants receiving NAMS certification, a prestigious recognition in the medical field.

Clinically, the department operates a daily outpatient department (OPD), which has registered 3,838 new patients and provided follow-up care for 19,857 existing patients. The department's treatment facilities, with 1,335 patients having undergone brachytherapy, 2,162 treated on the LINAC machine, and 1,762 patients treated using Cobalt machines.

Department of Respiratory Medicine

Head : Dr Surya Kant

Dr. Surya Kant and Dr. Ankit Kumar received training in interventional pulmonology at the prestigious Shanghai Chest Hospital in China. The department inaugurated a State-of-the-Art pulmonary rehabilitation center, the first of its kind in a government setting in Uttar Pradesh, by the Vice-Chancellor of KGMU. A new X-ray center dedicated to Drug-Resistant TB (DR TB) patients was established with the support of the Central TB Division, Ministry of Health and Family Welfare, Government of India, at the department's Center of Excellence for DR TB care. As a hub and mentor for TB in Uttar Pradesh and an International Center of Excellence for DR TB care, the department organized cascade TB training for all 67 medical colleges in UP and conducted several National Updates and capacity-building sessions for healthcare workers in various respiratory diseases. The department is actively engaged in research, with two TB-related theses accepted for grants from the National TB Elimination Program. This academic year, the department published 96 research papers. On the 3rd anniversary of the New Education Policy on July 29, 2023, Prime Minister Narendra Modi released 100 books in Hindi, including two authored by Dr. Surya Kant. Additionally, Dr. Surya Kant was appointed Chairman of the Project Selection Committee of the Indian Council of Medical Research (ICMR).

Department of Clinical Immunology & Rheumatology

Head: Dr. Puneet Kumar

The department initiated 4 electives in the academic year, namely Approach to arthritis, Diagnostic Tests and Procedures in Rheumatology, Approach to CTD and Approach to Vasculitis. Dr. Sundaram TG and Dr Digvijay Ekbote received SCE Rheumatology (MRCP, UK) and DNB Rheumatology respectively. Dr. Kriti Kishor received a travel grant for International vasculitis and ANCA workshop, Dublin. There were 7 research papers, and 3 papers were abstracted in conference proceedings. The department conducted many social awareness activities such as Patient awareness on Lupus, Arthritis Awareness, World Osteoporosis Day : Patient Awareness, World Ankylosing Spondylitis Day Patient Awareness. The department also conducted an Interdepartmental Immunology Workshop. The department upgraded its equipments and procured DAYCARE 4 beds, and Infrared Thermography Camera and also started CTD Clinic and Lupus Anticoagulant test

Department of Sports Medicine

Head: Dr Abhishek Agarwal

In 2023-24, the department expanded its capabilities with the addition of an Upper Limb (Shoulder) CPM and a Lower Limb CPM machine. Faculty members actively participated in numerous national and international conferences and workshops organized by bodies such as IOA, UPOA, AAUP, and IASCON, and played a key role in organizing the national flagship event IASCON 2023.

Notably, faculty received the prestigious Indo-Irish Fellowship in February 2024, awarded by IASCON. In terms of social outreach, the department conducted various physical awareness programs at sports academies and authorities. Additionally, a sports awareness program led by the faculty was featured on Doordarshan under the program named "Sehat Apki," further extending the department's community engagement efforts.

Department of Surgery (General)

Head: Dr. Abhinav Arun Sonkar

Over this past year, the Department of Surgery (General) has continued its specialized services (unit wise) of minimal access surgery, bariatric surgery, thoracic surgery, head and neck surgery, endocrine, and EVLT for varicose veins. New equipment and services started in the department include New USG machine, Fluid Warmer Cabinet, Breast Biopsy System and an Endoscopy system etc.

Prof. Abhinav A Sonkar was appointed as the editor in chief of Journal of Surgery Archives- official journal of UPASI. Prof. HS Pahwa has been awarded with "Eminent Senior Surgical Teacher Award" and elected as the President-elect of UAU (Urological Association of UP/UK). Prof Awanish Kumar and Dr. Akshay Anand was awarded Hepatobiliary Fellowship for one week training from Ponsoi University College of Medicine, Seoul, South Korea. Dr. Ajay Kumar Pal has been selected for "Young Surgeon Award of ASI" for the year 2024. Dr. Kushagra Gaurav has received "Best Teacher Award" from KGMU on Teacher's Day celebrations. The faculty members of the department published a total of 17 peer reviewed research papers in different national and international journals and a total of 15 international and 65 national conferences were attended by the faculty members.

Continuing to build on clinical and academic achievements, the other contributions include passing out of two PDCC fellows in minimal access surgery and in Head - Neck Surgery.

This year and increasing number advanced laparoscopic procedures are being performed including Bariatric surgery, Laparoscopic Whipple's, Laparoscopic colorectal, Lap splenectomy, Laparo-endoscopic Hernia repairs, Laparoscopic Nephrectomy and Endourological Procedures etc. Besides the department is leading from the front for initiation of Robotic Surgery Program and services in the university. With ongoing commitment to clinical care, 60711 patients were attended in OPD out of which patients were admitted in IPD which included 4189 major operations and 5967 minor operations.

Department of Surgical Gastroenterology & Human Organ Transplant

Head : Dr Abhijit Chandra

In 2023, the department performed 1 deceased donor liver transplant and 10 living donor liver transplants. Social outreach efforts included two major awareness programs: an organ donation awareness day on August 13, 2023, at Shatabdi Hospital, which attracted over 300 attendees, and an organ donation awareness camp on February 18, 2024, organized by Gayatri Pariwar in Ashiana, Lucknow, with over 500 participants.

The department achieved significant recognition in the academic arena. Dr. Arun M. received Best Oral Paper Presentation for "Heterodimerization of CCK receptors" at GB-IASGCON 2023 in Hyderabad and the 1st Prize for "Endoscopic Rectopexy" at the Emirates International Colo-Rectal Association Conference in Dubai, 2024. He also received the 1st Prize at IHPBACON (India Chapter) in Pondicherry for his research on CCK receptor heterodimerization and was named Best Orator in the Torrent Young Scholar Award 2024. Dr. Dhruv earned the 2nd Prize for an oral paper on 3D models in bile duct injury and Best eVideo for "Lap Left Hepatectomy" at IHPBACON (India Chapter), Pondicherry, 2024.

Department of Surgical Oncology

Head: Dr. Vijay Kumar

A series of impactful educational sessions and workshops were recently held, starting with Prof. Arvind Krishnamurthy's lecture titled "The Good, The Bad, and The Ugly Avatars of Thyroid Cancer." The Prof. N.C. Misra Oration was delivered by Prof. M. Vijaya Kumar, focusing on "Skill-based Surgical Training." Prof. Ambrish Kumar conducted a hands-on Workshop on Vascular Anastomosis, where participants gained critical skills in performing this delicate and essential surgical technique. Dr. Prabhu N. Nesargikar led a session on "Tips & Tricks of Laparoscopic Colorectal Surgery," sharing expert insights and practical advice to improve surgical outcomes in minimally invasive colorectal procedures. In collaboration with the EkTattva Foundation (NGO), a Cancer Awareness Programme was held on World Cancer Day, 4th Feb 2024.

Department of Transfusion Medicine

Head: Dr. Tulika Chandra

Department of Transfusion Medicine is one of the biggest blood bank in the state with latest technologies like pathogen reduction (first in Asia), NAT (first in UP), X Ray irradiator - 2nd in country. It has annual collection of approximately 80000 units with 100% blood component separation. It was the first to use ABD PADS in the country and to train nurses and technicians of the state. It organised the 48th National conference of Indian society of blood transfusion and immunohematology TRANSCON 2023 from 6th -8th Oct 2023. It has published 8 papers in a year and running MD programme with 3 students each year. Immunohematology of red cell serology is being provided to all the patients by screening all the donors for clinically significant antibodies. Therapeutic plasma exchanges have yielded good results. We have conducted blood donation camps all over the state specially at Rajbhawan and through various rallies trying to encourage voluntary blood donations

Department of Trauma Surgery

Head: Dr Sandeep Tiwari

The Department of Trauma Surgery at this institute is uniquely positioned to serve the trauma needs of over 40 million people across Nepal, Bihar, and Madhya Pradesh, covering an area greater than 250,000 square kilometers. It is the first and only separate Department of Trauma Surgery in the country and the sole government institute with National Medical Commission (NMC) approval for postgraduate courses. Additionally, it is the first and only government institute in Uttar Pradesh accredited as a Level I trauma center and the first in India to have CCrISP (RCS-England) instructors. The department also leads as the only one with a state chapter of the Indian Society of Trauma & Acute Care (ISTAC) and regularly conducts public awareness programs focused on trauma prevention.

Department of Urology

Head: Dr Apul Goel

Prof. Apul Goel assumed the role of Editor-in-Chief of the Indian Journal of Urology and has been the Academic Editor of Medicine, published by Wolters Kluwer, since 2018. He also serves on the Editorial Board of BMC Urology, Springer, since 2021. Prof. Vishwajeet Singh served as a Council Member for NZUSI and UAU from 2021-2023 and was recognized as a top Uro-oncologist scientist by the AD ranking for World Scientists and University Ranking 2024. He received two Cash Prizes and two Certificates for Eminence for his research work at Showcase 2023, KGMU, Lucknow. Dr. Madhur Anand won the 1st Prize in the Moderated Podium Session at NZC-USICON 2023 in Varanasi and the 3rd Prize in the Best Publication Session during the Operative Workshop and Innovations in Uro-oncology held at SGPGIMS, Lucknow, in April 2024. Prof. Apul Goel was granted a patent for a Suction Bridge for Mechanical Suction for Clot Evacuation (Patent No. 515280), and Prof. Vishwajeet Singh secured an Extramural Project grant from ICMR for a project on mitigating renal toxicity and chronic kidney disease progression. The department contributed numerous publications to scientific journals and co-authored three books. Various scientific programs, including workshops and lectures, were organized for faculty, residents, nurses, and paramedical staff, including lifestyle workshops like "Manthan: Rediscovering Self" and "Mantra."

Department of Vascular Surgery

Head: Ambrish Kumar

Department has published 3 papers in last year. Total O.P.D. attendance is approximately 7500. Total operation in last one year 230.

Faculty of Dental Sciences Departmental Achievements

Department of Public Health Dentistry

Head: Vinay Kumar Gupta

The annual report of the Department of Public Health Dentistry encapsulates the department's significant achievements, key events, and initiatives throughout the year. The department conducted various community outreach programs, including school dental health education, preventive programs, and extensive dental camps in both urban and rural areas.

Key events during the year included the department spearheading tobacco cessation programs. Additionally, significant milestones were achieved, such as the launch of new initiatives like the ICMR project 'Anant Muskan,' which focuses on primary school-based tooth brushing and oral health education. The department also had notable participation in the 27th National Conference in SGT Gurugram, where all Junior Residents won awards, and one Junior Resident won an award at the international seminar at Jamia Millia Islamia.

Furthermore, a faculty member also contributed a chapter on oral potentially malignant lesions and community oral health promotion in the Dental Officers training book by the State Institute of Health and Family Welfare, Uttar Pradesh. The department also successfully conducted tobacco cessation training for dental officers. In addition, the department continued to contribute to scientific knowledge with 17 publications in reputed journals and has secured 02 patents.

These efforts, coupled with regular follow-up treatments and community education, underscore the department's commitment to advancing public health and preventive dentistry.

Department of Conservative Dentistry and Endodontics

Head: Dr Promila Verma

The Department of Conservative Dentistry and Endodontics recently underwent a syllabus revision, incorporating a preclinical exercise focused on incision and suturing. As part of this initiative, we developed specific criteria for assessing learning levels. Additionally, we introduced a new assessment system titled "Grid-based System for Assessment of Pre-clinical Competencies for BDS second-year students.

Our department is equipped with state-of-the-art facilities, including a clinical skills lab, clinical skills models, patient simulators, a seminar room, a separate undergraduate clinic, and two postgraduate clinics.

Faculty members have achieved significant recognition, receiving approximately 25 awards and honours for excellence in teaching, student mentoring, scholarships, professional achievements, and academic leadership at state, national, and international levels from government bodies, government-recognized agencies, and registered professional associations during the year. Three faculty members were awarded five national and international fellowships, as well as financial support for advanced studies and collaborative research in both Indian and overseas institutions.

Over the past year, the department conducted five workshops, seminars, and conferences. Faculty members also secured three patents, one copyright, and transferred technology. Furthermore, ten research papers were published in various journals indexed in Scopus, Web of Science, and PubMed. Additionally, three books and book chapters were authored by our faculty.

In December, Prof. A. P. Tikku retired, and Prof. Promila Verma assumed the role of Head of the Department. All faculty members actively participated in various organizing committees throughout the year.

Department of Oral Medicine & Radiology

Head of the Department: Dr. Ranjitkumar Patil

Oral Medicine & Radiology department is committed to impart the quality education to the students and at the same time provide exceptional environment for patient treatment & care. Department catered around 54395 patients in the last one year 23-24, performed 1400 biopsies, and shot about 47,303 X-RAYS. In the year 2024 One IOPA X-ray, 1 OPG AND 1 CBCT machines were added in the department. Dr. Vikram Khanna received membership of NAMS and Extramural Project grants for project "Establishment of 3D Bio Printed Spheroid Based Model System for Clinical Studies" sanctioned by ICMR. Dr. Akhilanand Chaurasia received EACR-Worldwide Cancer Research Meeting Bursary Award. There are 10 paper publications and 3 books published by the faculty members. A webinar on "Radiology from 1895-2023: 2D to 3D" was organized by the department on 4th November 2023. The department organized a successful Oral Cancer Screening Camp at CHC Sarojani Nagar on 8th November 2023 and CHC Banthara on 24/04/24. Foundation day was celebrated on 16th Feb 2024 and the department organized guest lecture by Dr. Sunita Gupta on the topic "Oral diagnostic Dilemmas and Management: An Update" and Dr Hemant R. Umarji on "Radiographic Interpretation: An Indispensable aid to Diagnosis".

Department of Oral Pathology & Microbiology

Head: Dr. Shalini Gupta

The department has significantly enhanced its facilities over the past year. Key additions include a spacious Dental Anatomy and Oral Pathology Lab, equipped with modern microscopes for undergraduate students. The histopathology lab has been well-equipped, and there are now advanced facilities for haematology and clinical pathology. Viral screening services have been established, along with a dedicated biopsy service for cervico-facial pathologies.

Molecular diagnostics have been strengthened with the addition of an Immunohistochemistry Lab, PCR capabilities, and gel electrophoresis equipment. The Oral Cancer Detection Clinic and Forensic Odontology Unit have also been introduced to support specialized diagnostics and research.

The department now boasts a 3D Printing Lab, enhancing research and prosthetic development capabilities. Additional facilities include a CO2 incubator and -80°C cold storage, ensuring optimal conditions for various laboratory processes and specimen preservation. These upgrades reflect the department's commitment to advancing diagnostic technology and supporting comprehensive research and education.

Department of Oral and Maxillofacial Surgery

Head: Dr. Shadab Mohammad

The Department of Oral and Maxillofacial Surgery, led by Prof. Shadab Mohammad, is dedicated to training undergraduate and postgraduate dental students. It comprises 7 faculty members, 5 Senior Residents, and 18 Junior Residents, and provides extensive outpatient and inpatient services, including specialized facilities for general and local anesthesia, exodontia, and hair transplants. The department, recognized for MFDS Training by the Royal College of Physicians & Surgeons (Glasgow), has published 20 scientific papers in prestigious journals for 2023-24. Notable achievements include Prof. Shadab Mohammad receiving the Lifetime Achievement Award and Bharat Ratna Atal Samman, Prof. US Pal being honored at an international conference, Prof. Vibha Singh's Kriti Samman and recognition on International Women's Day, Prof. Geeta Singh's Best Female Dentist and International Healthcare Awards, Dr. Amiya Agrawal writing the KULGEET of KGMU, and Dr. Arunesh Kumar Tiwari being awarded membership in the National Academy of Medical Sciences and a Certificate of Appreciation.

Department of Orthodontics and Dentofacial Orthopedics

Head: Dr. G.K. Singh

The Department of Orthodontics and Dentofacial Orthopaedics achieved significant milestones over the past year. On **World Orthodontic Health Day (14th May 2023)**, the department organized a "Dental Health Awareness Camp" at Maharana Pratap Park, Lucknow, led by **Prof. Gyan Prakash Singh** under **Prof. G.K. Singh's** guidance. This initiative focused on educating the community about common orthodontic problems and their management. Additionally, **Prof. Gyan P. Singh** delivered a dental health awareness talk on **Akashvani** on **7th June 2023**.

The department also hosted a scientific lecture by **Dr. Priyanka Jain Sikka** on the Self-Ligating Technique, reflecting its commitment to continuous education. Faculty members, including **Prof. Gyan Prakash Singh, Dr. Alka Singh, and Dr. Dipti Shastri**, attended a workshop on the Cochrane Development Protocol at KGMU, Lucknow.

Prof. Amit Nagar received a Fellowship from the National Academy of Medical Sciences and a Lifetime Achievement Award from the Indian Orthodontic Society. **Dr. Gyan P. Singh** won first prize in the research category at the Indian Orthodontic Conference and received a media print and TV coverage award. The department was awarded three patents, and its postgraduate seats increased from 4 to 6. The department published five papers and welcomed eminent visitors like **Prof. Arvinder Singh, Prof. Veerendra Prasad, and Dr. Priyanka Jain Sikka**.

Department of Paediatric and Preventive Dentistry

Head : Dr. Rajeev Kumar Singh

Department of Paediatric and Preventive dentistry organized various academic activities in the current year. A workshop was organized on 'Accelerating Pediatric Dentistry: Chairsides Space Maintainers and Flexible Esthetic Crowns' with hands on session. Another session on 'Lasers in Paediatric Dentistry' was organized for skill enhancement.

The department strengthened the patient care facilities by initiating regular 'parent counselling' sessions on various important topics on a weekly basis.

Dr. Richa Khanna was awarded 'Star researcher session' during 33rd Annual conference of Indian Society of Dental research held on 17-19 February 2023 at New Delhi.

Department of Periodontology

Head: Dr. Nandlal

Dr. Nand Lal, Prof. & Head and Dr. Umesh Pratap Verma, Professor of this department were conferred with Fellowship of International College of Dentists.

Two additional MDS seats was sanctioned to the department of Periodontology after inspection by Dental Council of India. After addition of the seats 06 post-graduate students passed MDS exam with flying colors in August 2023. In January 2024 Bio-Medical Waste Management Training and a workshop on Periodontal Micro-Surgery was organized in the department on 16th March 2024.

The Department organized Road Security Week on 28th July 2023 and Oral Hygiene Day on 1st August 2023 for awareness of faculty, students and patients. On 23rd February 2024 the department organized Periodontist Day which included Nukkad Natak and distribution of mouthwash, brush and toothpaste samples to the patients along with lecture on Multiplexing technique in collaboration with Thermo Fischer.

14 Publications in highly reputed and indexed journals were published in the year 2023-2024. All six faculty members of this department attended/presented and chaired the scientific sessions at National, SAARC and International conferences and conventions. Various Intra-mural and Extra-mural grants were awarded to students in the department for research work.

Indian institute of Toxicology research and department of periodontology started a collaborative research project in the year 2024. Fellows from SIB-SHInE 2023 from IIT Kanpur visited our department for research on technological advancement.

Our Post-Graduate Students made the department proud by participating and winning in various cultural and sports events organized by the university.

It was a successful and educationally rich year for our department

Department of Prosthodontics, Crowns & Bridges

Head: Prof. Pooran Chand

In the past year, the department achieved notable recognition and progress. Dr. Pooran Chand was distinguished with multiple accolades, including the "Eminence in Research" Award, the "Best Publication Award (Dental)," and the Medical Excellence Award. Dr. Balendra Pratap Singh, Dr. Shuchi Tripathi, and Dr. Saumyendra V. Singh received various fellowships, highlighting their contributions and advancements in their fields.

The department successfully organized an International Workshop on Maxillofacial Prosthodontics from February 29 to March 2, 2024, which provided a platform for advanced learning and collaboration in this specialized area. Additionally, the department secured seven patents during the academic year, reflecting its commitment to innovation and excellence in research. These accomplishments underscore the department's dedication to advancing knowledge and practice in dental and maxillofacial fields.

Future Plans of the University

Achieving Top Rankings and Recognition

- Aspire to be among the top 5 medical institutions in India and to be recognized as an Institute of National Importance.
- Attain highest status in accreditation.
- Establish a strong presence in global rankings as a leading medical university.

Enhancing Academic Excellence

- Develop an academic culture rooted in the principles of the National Education Policy 2020, with a focus on promoting Competency-Based Medical Education (CBME).
- Introduce new interdisciplinary and inter-professional programs, offering a diverse range of electives to support student development.
- Integrate professionalism, human values, ethics, and 21st-century skills into the curriculum to produce well-rounded healthcare professionals.

Innovating Student Assessment and Examination Reforms

- Implement examination reforms by adopting innovative student assessment methods, emphasizing frequent and formative assessments.

Advancing Research Capabilities

- Explore new frontiers of research in basic sciences and emerging areas, driving innovation and discovery.
- Enhance the capabilities of Basic Science Research Labs with advanced techniques and state-of-the-art equipment.

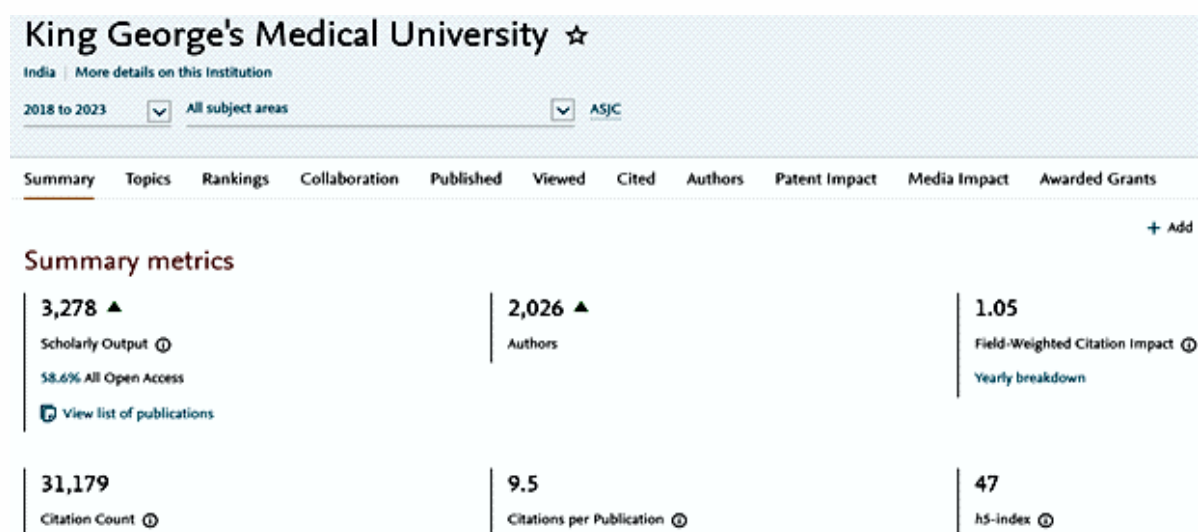
Integrating Technology and Upgrading Infrastructure

- Integrate cutting-edge technology into academic programs, services, and governance to enhance efficiency and effectiveness.
- Upgrade hospital services and infrastructure in line with the latest technological advancements in diagnostics and therapeutics.

Promoting Sustainability and Community Engagement

- Increase the usage of renewable energy sources, contributing to environmental sustainability.
- Strengthen community engagement by adopting villages and schools, and conducting regular structured outreach activities, including health check-up camps, awareness campaigns, and screening programs for the rural underserved population.

Bibliometrics KGMU 2018-2023



Patents, Copyrights & Designed Registry

Patents

	Patent Name & application no.	Inventor(s)	Year	Status
1	Designed Handheld Consistometer (App. no. 2018110455055)	Dr. Anand Pandey (Professor Jr., Department of Pediatric Surgery)	2023	Granted
2	Portable Muscle Stimulator	Dr. J.D. Rawat (HOD, Department of Paediatric Surgery), Dr. Anand Pandey (Professor Jr., Dept. of Paediatric Surgery), Sumit Vaish - SIB SHInE fellow, Zahid Khand - SIB SHInE fellow	2023	Published
3	Device for gait rehabilitation in a foot drop patient and method thereof (App. No. 202311078953)	Dr. Anil K Gupta (HOD, Dept PMR), Kushagra Asthana SIB SHInE Fellow, Prithu Prasad SIB SHInE Fellow	2023	Published
4	A system and method for dental implant surface biomodification through guided probiotic colonisation (GPC) (App. No. 202311038407)	Dr. Rameshwari Singhal (Professor, Dept. of Periodontology)	2023	Filed
5	A device for guiding cardiopulmonary resuscitation with audio feedback (App. No. 202411037719)	Aditya R. Bhatia - SIB SHInE Fellow, Dr. Urvashi (Clinical Instructor, Department of Nursing), Dr. Rishi Sethi (Professor, Department of Cardiology)	2024	Published
6	A wearable sensor patch for breast abnormality monitoring and method thereof (App. No. 202411034481)	Shreya Nair SIB SHInE Fellow, Dr. Pooja Ramakant (Professor Jr., Dept. of Endocrine Surgery)	2024	Published
7	Suction Bridge for mechanical suction of clot evacuation (App. No. 201611005037)	Dr. Apul Goyal (Professor and HOD, Department of Urology)	2024	Granted
8	Universal SEA (Simultaneous space creation, eruption and adjacent root control)	Dr. Gyan Prakash Singh (Professor, Orthodontics & Dentofacial Orthopaedics)	2024	Granted
9	A novel SPAMER technique for retention in auricular prosthesis	Dr. Shuchi Tripathi (Prosthodontics & Crown Bridges), Dr. Husbana Bakrolwala Prosthodontics & Crown Bridges), Dr. Harsha Vardhan Singh (Plastic & Reconstructive Surgery)	2024	Granted

Copyrights & Design Registry

	Copyright name	Inventor(s)/ Author(s)	Year
1	Dental Preclinical App : 3D Learning Solution	Dr. Kaushal K Agg, Dr. Deepshikha Tripathi, Dr. Neeti Solanki (Dept. of Oral Pathology)	2023
2	Modification of Olze staging of root pulp visibility in panoramic radiographs for age and gender estimation	Dr. Shalini Gupta, Dr. Ayushi Jain (Oral Pathology and Microbiology)	2023

3	AI based dental forensic software to estimate gender, age using panoramic dental images	Dr. Shalini Gupta, Dr. Ayushi Jain (Oral Pathology and Microbiology)	2023
4	Oral health tracker motivator	Dr. Deepak S (Public Health Dentistry)	2023
5	Multicentric survey based study of dentists on evidence based dentistry	Dr. Shalini Gupta, Dr. Ayushi Jain (Oral Pathology and Microbiology)	2023
6	Novel model for classifying histomorphometry images of diff grades of squamous cell carcinoma using transfer learning & CNN	Dr. Shalini Gupta, Dr. Ayushi Jain (Oral Pathology and Microbiology)	2023
7	Precision face shield Design Registry	Dr. Gaurav Mishra, Dr. Vinay K Gupta Dr. Sumit Kumar (Public Health Dentistry)	2023
8	Head lift ergonomic feeding pillow with teething aids Design Registry	Dr. Sumit Kumar Dr. Gaurav Mishra Dr. Vinay K Gupta (Public Health Dentistry)	2024

New Faculty Joined (1st July 2023-30th June 2024)

S.N.	Name of Faculty	Department	Designation	DOJ	Permanent/Contractual
1	Dr. Pooja Vilas Misel	Geriatric Mental Health	Assistant Professor	03 March 2023	Contractual under Bond
2	Dr. Vijay Kumar Sharma	Surgical Gastroenterology	Assistant Professor	11 April 2023	Contractual under Bond
3	Dr. Nizamuddin Ansari	General Surgery	Assistant Professor	11 August 2023	Contractual
4	Dr. Utkarsh Srivastava	Surgical Gastroenterology	Assistant Professor	11 August 2023	Contractual
5	Dr. Adarsh Dandey	General Surgery	Assistant Professor	14 August 2023	Contractual
6	Dr. Amit Karnik	General Surgery	Assistant Professor	14 August 2023	Contractual
7	Dr. Vidisha Khanna	Obs & Gyna	Assistant Professor	14 August 2023	Contractual
8	Dr. Manisha Verma	Paediatrics	Assistant Professor	01 September 2023	Contractual
9	Dr. Ashish Kumar Singh	Cardiology	Assistant Professor	06 March 2024	Contractual under Bond
10	Dr. Prashant Thandi	Cardiology	Assistant Professor	06 March 2024	Contractual under Bond
11	Dr. Sajeet Kumar Verma	Cardiology	Assistant Professor	06 March 2024	Contractual under Bond
12	Dr. Sparsh Anil	Cardiology	Assistant Professor	06 March 2024	Contractual under Bond
13	Dr. Abilash Krishnan V	Clinical Immunology & Rheumatology	Assistant Professor	06 March 2024	Contractual under Bond

14	Dr. Abilash Krishnan V	Clinical Immunology & Rheumatology	Assistant Professor	06 March 2024	Contractual under Bond
15	Dr. Kamble Nishant Gautam	Clinical Immunology & Rheumatology	Assistant Professor	06 March 2024	Contractual under Bond
16	Dr. Mukesh Kumar Maurya	Clinical Immunology & Rheumatology	Assistant Professor	06 March 2024	Contractual under Bond
17	Dr. Sayan Mukherjee	Clinical Immunology & Rheumatology	Assistant Professor	06 March 2024	Contractual under Bond
18	Dr. Karrothu Trimurthula	Critical Care Medicine	Assistant Professor	06 March 2024	Contractual under Bond
19	Dr. V R Srivats	Critical Care Medicine	Assistant Professor	06 March 2024	Contractual under Bond
20	Dr. Anbarasu K R	Endocrinology	Assistant Professor	06 March 2024	Contractual under Bond
21	Dr. Umesh Kumar Sah	Endocrinology	Assistant Professor	06 March 2024	Contractual under Bond
22	Dr. Kothalkar Srikanth	Medical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond
23	Dr. Mayank	Medical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond
24	Dr. Pritam Das	Medical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond
25	Dr. Sayan Malakar	Medical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond
26	Dr. Gulab Jha	Nephrology	Assistant Professor	06 March 2024	Contractual under Bond
27	Dr. Anoop Kumar Singh	Neuro Surgery	Assistant Professor	06 March 2024	Contractual under Bond
28	Dr. Ankit Khetan	Neurology	Assistant Professor	06 March 2024	Contractual under Bond
29	Dr. Bhimavarapu Gowtham Reddy	Plastic Surgery	Assistant Professor	06 March 2024	Contractual under Bond
30	Dr. Deeban G	Surgical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond
31	Dr. Rohit Jain	Surgical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond
32	Dr. Sanjay Kumar Tripathi	Surgical Gastroenterology	Assistant Professor	06 March 2024	Contractual under Bond

33	Dr. Abhishek Kumar Verma	Surgical Oncology	Assistant Professor	06 March 2024	Contractual under Bond
34	Dr. Mamidipalli S Siddhartha	Surgical Oncology	Assistant Professor	06 March 2024	Contractual under Bond
35	Dr. Rajshekar P	Surgical Oncology	Assistant Professor	06 March 2024	Contractual under Bond
36	Dr. Udham Singh	Urology	Assistant Professor	06 March 2024	Contractual under Bond
37	Dr. Awdhesh Kumar Chaudhary	Cardiology	Assistant Professor	07 March 2024	Contractual under Bond
38	Dr. Saumya Gupta	Cardiology	Assistant Professor	07 March 2024	Contractual under Bond
39	Dr. Arjun Raja A	Endocrine Surgery	Assistant Professor	07 March 2024	Contractual under Bond
40	Dr. Porimita Chutia	Geriatric Mental Health	Assistant Professor	07 March 2024	Contractual under Bond
41	Dr. Prerak Kumar	Geriatric Mental Health	Assistant Professor	07 March 2024	Contractual under Bond
42	Dr. Shashank Saurabh Sinha	Geriatric Mental Health	Assistant Professor	07 March 2024	Contractual under Bond
43	Dr. Atul Tiwari	Pulmonary Critical Care Medicine	Assistant Professor	07 March 2024	Contractual under Bond
44	Dr. Mohammad Arif	Pulmonary Critical Care Medicine	Assistant Professor	07 March 2024	Contractual under Bond
45	Dr. Abhishek G.P	Clinical Immunology & Rheumatology	Assistant Professor	11 March 2024	Contractual under Bond
46	Dr. Majithiya Kishan Nandkishor	Clinical Immunology & Rheumatology	Assistant Professor	11 March 2024	Contractual under Bond
47	Dr. Thakare Darpan Radheshyam	Clinical Immunology & Rheumatology	Assistant Professor	11 March 2024	Contractual under Bond
48	Dr. G. Sradhanjali	Critical Care Medicine	Assistant Professor	12 March 2024	Contractual under Bond
49	Dr. Sarita Kumari	Neuro Surgery	Assistant Professor	12 March 2024	Contractual under Bond
50	Dr. Katakam Sai Krishna	Surgical Gastroenterology	Assistant Professor	13 March 2024	Contractual under Bond
51	Dr. Rakesh Roshan	Surgical Gastroenterology	Assistant Professor	13 March 2024	Contractual under Bond
52	Dr. Sourodeep Mandal	Surgical Gastroenterology	Assistant Professor	13 March 2024	Contractual under Bond

53	Dr. Himanshu Raj	Urology	Assistant Professor	13 March 2024	Contractual under Bond
54	Dr. Aman Singh	Neuro Surgery	Assistant Professor	15 March 2024	Contractual under Bond
55	Dr. Sumit Mandal	Urology	Assistant Professor	15 March 2024	Contractual under Bond
56	Dr. Anadi Prakash Mishra	Neurology	Assistant Professor	19 March 2024	Contractual under Bond
57	Dr. Batra Swansu Suresh Kumar	Neurology	Assistant Professor	19 March 2024	Contractual under Bond
58	Dr. Chavan Ajay Uddhavrao	Neurology	Assistant Professor	19 March 2024	Contractual under Bond

Faculty Superannuated (1st July 2023-30th June 2024)

S.N.	Name of Faculty	Department	Designation	DOJ	DOR
1	Dr. Shally Awasth	Paediatrics	Professor	25 November 1988	06 September 2023
2	Dr. Vineet Sharma	Orthopaedic Surgery	Professor	03 March 1986	31 October 2023
3	Dr. A.P Tikku	Conservative Dentistry & Endodontics	Professor	09 August 1986	03 December 2023
4	Dr. Sciddhartha Kunwar	Paediatrics	Professor Junior Grade (Additional Professor)	09 August 1986	03 December 2023
5	Dr. G.P.Singh	Anaesthesiology	Professor	24 October 1989	31 December 2023
6	Dr. M.L.B. Bhatt	Radiotherapy	Professor	27 April 2002	31 December 2023
7	Dr. Krishna Pal Singh	PMR	Professor	09 July 1999	09 March 2024
8	Dr. Nar Singh Verma	Physiology	Professor	16 June 1999	30 April 2024
9	Dr. S.P.Jaiswar	Obst. & Gynaecology	Professor	22 April 1989	05 May 2024
10	Dr. Amit Nagar	Orthodontics and Dentofacial Orthopaedics	Professor	14 January 2005	05 May 2024

Obituary (1st July 2023-30th June 2024)

S.N.	Name of Faculty	Department	Designation	Date of Death
1	Dr. R.C Saxena	Ophthalmology	Professor	27 August 2023
2	Dr. Ashutosh Kumar	Pathology	Professor	27 August 2023
3	Dr. S Bhaduri	Radiodiagnosis	Professor	14 January 2024
4	Dr. K.K Kapoor	Periodontology	Professor	30 May 2024
5	Dr. Asha Mathur	Microbiology	Professor	01 August 2024

List of Awardees 2024

DEVANSHI KATIYAR

- The "Hewett" Gold Medal Universit
- Honours Medal
- Chancellor's Medal
- Sri Gaya Prasad Tandon Memorial Gold Medal
- Sri Desh Deepak Memorial Gold Medal
- Prof. K.B. Kunwar Memorial Gold Medal Pathology, Pharmacology and Medicine
- The Gold Medal presented by the Provincial Medical Services Association
- S.D.K. Gold Medal
- Silver Jubilee Re-Union (1949-1954) MBBS Batch Book
- Dr. RKD Misra Memorial Centenary Gold Medal
- Indra Rani and Laxmi Narain Saxena Memorial Gold Medal
- Professor Satish Chandra Dhasmana Gold Medal
- Late (Prof.) A.D. Engineer Gold Medal
- Smt. Kaushalya Devi Dhawan Memorial Gold Medal
- Dr. Amy Engineer Book Prize
- Silver Medal in Medicine.
- Silver Medal in Pediatrics.

AKANKSHA

- Dr. R.M.L. Mehrotra Memorial Gold Medal
- Prof. P.C. Dubey Memorial Gold Medal
- Late Dr. Ram Behari Singh Rathor Gold Medal
- Dr. D.M. Kar Gold
- Rai Bahadur Kanauji Lal Gold Medal
- Selby Memorial Gold Medal
- Bronze Medal

MONIKA CHAUDHARY

- Dr. H.D. Gupta Memorial Gold Medal & Cash Prize of Rs. 10,000/- Professor M.N. Mathur Gold Medal
- Professor K.P. Chowdhary Gold Medal
- Silver Medal in Conservative Dentistry & Endodontics.
- Silver Medal in Oral & Maxillofacial Surgery.
- Certificate of Honour with Distinction in Oral Medicine & Radiology.
- Bronze Medal.

SAUBHAGYA AGNIHOTRI

- Dr. Govila Gold Medal
- Dr. (Smt.) Santosh Jain Memorial Gold Medal
- Sri Tribhuwan Nath Ram Dulari Memorial Gold Medal
- Dr. Pradeep Jayana Gold Medal
- Gold Medal with Distinction in Prosthodontics & Crown and Bridge.
- Gold Medal with Distinction in Oral Medicine & Radiology.
- Silver Medal with Distinction in Orthodontics & Dentofacial Orthopedics.
- Silver Medal with Distinction in Periodontics.
- Silver Medal with Distinction in Public Health Dentistry.

Dr. Bhimavarapu Gowtham Reddy

Dr. B.R. Agarwal Memorial Gold Medal

Dr. Abhishek Kumar Verma

Prof. N.C. Mishra Memorial Gold Medal

Dr. Keerthiraj D.B.

Dr.A.M.Kar Centenary Gold Medal

Dr. Nitesh Dev

Prof. T.C. Goel Gold Medal

Dr. Pooja Tripathi

Late Smt. Suttee Nag Gold Medal

Dr. Sayan Mukherjee

Dr. Siddharth Kumar Das Gold Medal

Dr. Saumya Gupta

·Dr. Ravi Kant Gold awarded

Dr. Hemant Kumar

KGMU Gold Medal in Pulmonary Medicine

Anju Shukla

Padma Shri Dr.Sabya Sachi Sarkar Gold Medal

Sarita Kumari

10th Late Dr. Jahnvi Dutt Pandey Scholarship Award

Prof. Mam Chandra

Dr.K.B.Bhatia Gold Medal and Life Time Achievement award



Annual Report compilation and preparation contributions

Professor Apul Goel, Dean Q & P

Professor Anita Rani, Vice-Dean, Q & P

Prof Rameshwari Singhal, Vice Dean, Q & P

Prof Shalini Bhalla, Vice Dean, Q & P

Prof Rhythm, Assistant Dean, Q& P

Prof Richa Khanna, Assistant Dean, Q & P

Prof Akshay Anand, Member IQAC

