

King George's Medical University Uttar Pradesh, Lucknow

ANNUAL REPORT 2022-2023

19th Convocation

10th December 2023



Professor Soniya Nityanand

MD, PhD

Vice Chancellor

**King George's Medical University Uttar Pradesh Lucknow,
Uttar Pradesh, India, 226003**

Tel: +91-522-2257540, 2258282 (O), 2258354 (D)

Fax: (0522) 2257539

www.kgmu.org, www.kgmcindia.edu

PROF. SONIYA NITYANAND

MD, Ph.D.
VICE CHANCELLOR

प्रो० सोनिया नित्यानंद

एम०डी०, पी०एच०डी०

कुलपति



KING GEORGE'S MEDICAL UNIVERSITY
U.P. LUCKNOW

किंग जार्ज चिकित्सा विश्वविद्यालय, ३०५०
लखनऊ



MESSAGE

On occasion of the 19th Convocation Ceremony of the King George's Medical University, it gives me immense pleasure to state that in the past one year, the University has attained new heights of excellence in patient care, teaching and research. The University has been graded A+ by the National Assessment and Accreditation Council (NAAC) of India. It has been ranked 12th best among all the Medical Institutions in India by National Institute Ranking Framework (NIRF), and lately the University has been conferred the 15TH FICCI Healthcare Excellence Awards 2023, in the category "Excellence in Patient Service Delivery, Public Hospital".

I would like to express my deep gratitude to the Hon'ble Chancellor, Smt. Anandiben Patel Ji, who has steered the University towards attaining excellence in education standards and adopting good governance practices. I would like to express my gratitude to the Govt. of UP led by the visionary Hon'ble Chief Minister, Shri Yogi Aditya Nath ji, for his continuous support and guidance to the University.

This day really belongs to you all who have been conferred with different degrees. It is a proud moment for you and your families, and a culmination of all your years of hard work, dedication and perseverance. It also marks the start of a new journey with renewed vigor and new responsibilities for which you have been prepared by the University. The University looks forward to your bringing laurels to it and holding high the dignity and status of the University. You will always be a part of the KGMU family and as an alumnus, be associated with your alma mater and help in taking it to higher and higher levels of excellence.

I would also like to congratulate the faculty of KGMU, for their noteworthy contributions in patient care and their untiring efforts towards the teaching/training of medical and paramedical undergraduates and post graduates. The feeling of oneness and pride in being a Georgian is unique for KGMU, and I do hope we maintain this rich tradition and strive towards taking KGMU to its next level of excellence in the year to come.

Jai Hind!

S. Nityanand

(Prof. Soniya Nityanand)
Vice Chancellor

01 Shahmina Road, Chowk, Lucknow, U.P., India - 226003

Ph: +91-522-2257540; Web: kgmu.org

E-mail: vc@kgmeindia.edu, Twitter: @kgmulucknow

Facebook: kgmuupdate

Table of Contents

S.N.	Heading	Page Number
1	An Epitome of Excellence	1
2	Salient Achievements of University	3
3	Financial Report	18
4	IQAC	19
5	Faculty of Medical Sciences	21
6	Faculty of Dental Sciences	22
7	Faculty of Nursing	22
8	Faculty of Paramedical Sciences	24
9	Central Library	25
10	Centre for Advance Skill Development	27
11	Controller of Examinations	28
12	Student Welfare	28
13	Patient care	30
14	Telemedicine Unit	30
15	Hospital Infection Control Committee	32
16	Alumni Cell	34
17	Research cell	34
18	Cochrane	36
19	Innovation Cell	36
20	DHRMRU	37
21	IT cell	38
22	Medical Education	40
23	Sports	41
24	Social Outreach Cell	41
25	University Environment Department (UED)	42
26	Women Empowerment Cell	43
27	Departmental reports, Faculty of Medical Sciences	47
28	Departmental reports, Faculty of Dental Sciences	89
29	Future Plans	100
30	Bibliometrics KGMU	101
31	Faculty Joined / Faculty Superannuated / Obituary / Students Awards (Brief list)	105
32	Compilation and preparation contributions	108

King George's Medical University Uttar Pradesh

AN EPITOME OF EXCELLENCE

King George's Medical University is deeply grateful for the blessings of Smt. Anandiben Patel, Hon'ble Governor of Uttar Pradesh and Hon'ble Chancellor, King George's Medical University, UP for her continuous support and valuable guidance in leading this prestigious university towards excellence in medical education, patient care and research.

The University gratefully acknowledges support of Government of Uttar Pradesh under the able leadership of our dynamic Chief Minister Sri Yogi Aditya Nath ji, who has taken visionary definitive steps to advance the cause of health care and Medical Education. He is equally committed for the welfare of students, faculty and staff of not only this University but of the entire state of Uttar Pradesh.

KGMU has acquired national & global eminence for contributions in academics, research, and patient care. The guiding values of this teaching institution are discipline, dedication and devotion. The University campus is spread over an area of 7 square km. There are 490 faculty members and more than 5000 employees to serve the cause. The Gandhi Memorial and Associated Hospital has over 3875 functional beds with over 4000 patients admitted at any given time, with an average of 5500 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, KGMC 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 50 teaching departments in 4 faculties (Medical, Dental, Paramedical and Nursing). Currently, it trains 250 MBBS, 68 BDS, 109 BSc Nursing, 4 BSc Radiotherapy, 18 MSc Nursing, 326 MD/MS, 46 MDS, 71 DM/MCh, 9 MPhil, 4 MHPE, 21 PhD, 2 MD-PhD, 41 Post-doctoral Certificate Course (PDCC/Fellowship), 3 Pre-Conception and Pre-Natal Diagnostic Techniques Course (PCPNDT) and 500+ Paramedical students.

This convocation function is organized to celebrate academic success and achievements of the graduates of this year. This is also organized to build solidarity of all students who are passing out, with the Alma Mater. The best and most formative years of their life and career have been spent in the portals of KGMU. They have been taught to be a lifelong learner. KGMU congratulates them on their success.

SALIENT ACHIEVEMENTS OF UNIVERSITY IN LAST 1-YEAR

King George's Medical University continues to excel in the field of education, patient care and research. The academic year 2022-23 further strengthened the reputation of this more than 100-years old University

ACCREDITATION, RANKING AND HONOURS

Second cycle of National Accreditation and Assessment was completed in May 2022. Assessment by Peer Team for the second cycle accreditation was done on 2nd, 3rd and 4th Feb 2023. University was accredited with A + Grade with 3.36 CGPA on 7th Feb 2023. The accreditation is valid until 2027.

The University has also been ranked 12th best among all the Medical Institutions in India by NIRF in 2023. Our dental faculty was ranked second best in 2023 by India Today Ranking Framework.

We have NABL accredited microbiology (NABL-ISO 15189:2012: 12-13 Nov 2022) and pathology 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.

Department of Medicine was recognized as ART Plus Centre from NACO, MoHFW, Govt. of India, Regional Geriatric Centre under NPHCE, Govt. of India and as a Satellite centre for National Clinical Registry for COVID-19.

The department of Obstetrics and Gynaecology is a centre of excellence for adolescent health care through National Health Mission, and also for the RRTC program.

The Department of Radiation Oncology received special status for Study of LASER based cost-effective monitoring system for lung & breast cancer radiotherapy: Development of patient specific quality assurance technique" by Department of Health Research, ICMR New Delhi. A MoU on "cancer care, diagnosis, treatment & research to fight against cancer" was made with Hanuman Prasad Poddar Cancer Hospital & Research Institute, Gorakhpur, U.P.

Department of Respiratory Medicine was declared National Centre of excellence for Drug Resistant Tuberculosis by International Union against Tuberculosis & Lung Diseases. Department has filed one patent.

Department of Sports Medicine has been given special status by Sports Authority of India Regional Centre since 2021 for 5 years. It has functional MOUs with Frontier Headquarters, Sashastra Seema Bal, Lucknow, Sports Directorate, Govt. of Uttar Pradesh and Uttar Pradesh Police Sports Control Board, Lucknow for convening academic and awareness activities.

The Department of Surgical Oncology received a CSR grant of Rs. 10.15 crore from 'Power Finance Corporation' for purchase of medical equipment.

Department of Transfusion Medicine is the largest in the country with all the latest technologies. It has an annual collection of 70000 units, 100% component separation and has taken a lead for being the first plasma bank in UP. The Department of Transfusion Medicine received the first prize for highest blood collections and highest number of apheresis in August 2022 from NHM.

The Department of Paediatric Orthopaedics is conducting collaborative research with Cure International India Trust (CIIT), New Delhi for "KGMU - CURE CLUBFOOT SKILL LAB".

The College of Nursing performed received Recognition as a MENTOR Institution of Government of Uttar Pradesh. It was 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.

Department of Medical Education was upgraded by NMC as Nodal Centre from Regional Centre status on April 6, 2023. There are only 12 nodal centres in India. With this, the department is now engaged in various training programs that includes Basic Course in Medical Education, Advance Course in Medical Education, Curriculum Implementation Support Program and Masters in Health Profession Education. In August 2023 the first batch of 30 faculty members from Uttar Pradesh and West Bengal joined the Advance Course in Medical Education from KGMU.

The University was selected for the pilot assessment for "Accreditation and Ranking of Colleges" by Medical Assessment and Rating Board of NMC 2023. A total of eight medical colleges were selected by NMC among 700 medical colleges for pilot testing of the accreditation process that it intends to launch soon. Members from Quality Control India and National Medical Commission visited the University on 24 and 25, August 2023. Dr. J.L Meena, MARB, President, himself visited KGMU and highly appreciated the cooperation rendered by university for testing this mega project.

KGMU KULGEET

In an institute, a Kulgeet strengthens & underlines the idea of "Unity in Diversity" among its members through one dialect and one tone. The University did not have a kulgeet and this deficiency was corrected on May 15, 2023 with the inauguration of the University Kulgeet that was penned by Dr Amiya Agrawal, Music composition and singing by Dr Bhavya Dube Naithani, Dr Raja Rupani and Dr Bhavini Naithani. All of them are faculty members of the University.

COFFEE TABLE BOOK

The second edition of the Coffee Table Book, titled, "KGMU, An Epitome of Excellence" was launched on August 7, 2023. The book has been published by the Times of India. The second edition came after more than 6-years after the first edition that was also published by the Times of India. This year's edition incorporated new stories like the role of the University during the Covid-19 pandemic, Women empowerment, Radio Goonj, etc. The editors were Professor Apjit Kaur and Professor Apul Goel.

ACADEMICS

NEW COURSES

Academically the university progressed by leaps and bounds. Many new courses were started, DM (Clinical Haematology) course with 03 seats, DM (Critical Care Medicine) course with 05 seats, the DM (Medical Gastroenterology) course with 05 seats, and MD (Emergency Medicine) course with 05 seats, the MCh Paediatrics Orthopaedics course with 03 seats, and MDS Public Health Dentistry were approved by the regulatory authorities from the academic year 2022-2023. Additionally, number of seats were increased in MD Respiratory Medicine (8 to 15), MD Pharmacology (16 to 26), MD Forensic Medicine (1 to 9), MD Pathology (14-20), MS General Surgery (15 to 24), and MCh Surgical Oncology (3 to 6). Two-year Diploma course for OT Technicians and 3-month Certificate course in Critical Care for nurses was started by the department of anaesthesia.

NEW DEPARTMENTS

Approval to set up the first integrated Precision medicine/Personalized medicine in Acute Care in Department of Critical Care Medicine in the country was given by the state government. Two new departments, the Department of Thoracic surgery and the Department of Vascular surgery were created and inaugurated on 27th Oct 2022 by Hon'ble Chief Minister

IMPLEMENTATION OF CBME IN MBBS

Faculty of Medical Sciences, developed 28 elective courses in Block 1 and 31 in Block II. Block I was conducted between 23-02-2023 to 25-03-2023 and 250 students of MBBS Batch 2019 opted various electives and gave satisfactory feedback. The new family adoption program, an important initiative of NMC was implemented successfully. Similarly, integrated teaching is successfully running in collaboration with various departments.

BODY DONATION DRIVE AT KGMU

Department of Anatomy received 30 donated bodies and another 144 registrations for body donation between July 22 and June 23. Dehdaan Samman Samaroh 2023 was organized on 25th July and more than 250 body donors were felicitated posthumously for their revered contribution for medical education

LIBRARY

Library with current seating capacity of 600 students has 21 hours access from 9 am till 6 am next morning. It has rich collection of 44836 print books, 4237 online books, 237 print journals, 5563 online journals and 29876 back volume journals. It subscribes 7 databases and is part of 2 consortiums. In the academic year 22-23, central library added 57 new e- books from Thieme. The library subscribes a large number of online learning resources that are comparable to the top medical institutes of India. The resources include Clinical Key, Clinical Key Student. Eduport global, Springerlink, Nature Research, BMJ Case Report, UpToDate, Thieme, Access Medicine, ERMED Consortium and DELNET (Developing Library Network).The library resources are fully accessed on MyLOFT(MyLibrary on fingertip) mobile app. its resources.

Open Air Library space was created behind the main central library building for students to enjoy fresh air and reading together. To assist postgraduate students in their thesis related tasks a Thesis Centre is established within the library arena that was inaugurated on May 20, 2023.

SKILL INSTITUTE

In academic session 22-23, 13 Basic Life Support, 8 ATLS Provider Courses (Advance Trauma Life Support), 5 ATLS Instructor Courses (Advance Trauma Life Support), 10 BMW Skill workshops (Biomedical Waste Management), 4 Soft Skill Workshops and 5 Palliative Care Skill workshops, 2 Pregnancy Simulator Workshop, 2 PTRM (Paediatric Trauma Resuscitation Module) were conducted in which about 1,400 were trained to up skill their existing knowledge.

EXAMINATIONS

The University conducted examinations of 5646 candidates. 856 sets of question papers were prepared. Pass percentage of various courses varied between 85.1% and 100%. Average declaration days of results was 19. Percentage of examination related grievances reduced to 1.03% as compared to last year (1.37%). It conducted entrance examinations for 47690 candidates of BSc Nursing, CHO Document Verification, Senior Residents, Junior Residents, Nursing Faculty Recruitment (Contractual), Mental Counsellors, CCHN and Faculty Recruitment of KGMU.

STUDENT WELFARE

Mentor-Mentee interactive session was held on 13.01.2023 for MBBS/BDS Batch 2022 of KGMU. An annual Log-book was provided to all students. The KGMU student's council organized Rhapsody, an annual cultural feast at Scientific Convention Centre.

Under directives from Ministry of Youth Affairs, GOI "Youth-20 Summit Program" was convened at KGMU between 25.02.2023 to 23.03.2023. Various activities like Walkathon, Slogan Writing Competition, Poem Competition, Dance Competition, Debate Competition, Poster Competition, Rangoli Competition, Quiz Competition, Nukkad Natak & Interview with Youth Icon were convened with full enthusiasm.

As per the instructions of Secretary, University Grants Commission, Ministry of Education, Government of India, birth anniversary of the eminent linguist and freedom fighter 'Mahakavi Subramanya Bharati', "BHARTIYA BHASHA DIWAS" was celebrated on 11.12.2022.

On the occasion of "International Yoga Day" on 21st June, 30 students from different hostels were trained for yoga practice. Various events on International Yoga Day were conducted including a Quiz Competition on 15.06.2023, a Poster Competition on 16.06.2023 and a Rangoli Competition on 17.06.2023. On 19.06.2023, a Nukkad Natak was played by the students in Old Dental OPD/New Dental OPD/New OPD to create public awareness on Yoga.

IT CELL

The 'Information technology cell' helped in strengthening the delivery of patient care services by the addition of a new alternate lease line of two Gbps besides the current lease line, with the purpose to support increased bandwidth utilisation by increasingly large number of users. A dedicated centre for supporting online appointment system was started where patients with less access to internet services can call via a landline number and get OPD appointment.

The OPD queue management system was started by implementing ABHA (Ayushman Bharat health account) based appointment for patients as per the Ayushman Bharat Digital Health Mission (ABDM) of Government of India. Face recognition, biometric attendance devices were installed as per honourable Governor of Uttar Pradesh orders.

SPORTS

Sardar Patel Ground underwent major renovation during July 2022 to June 2023 including levelling of ground, installing natural grass on entire ground, building the fence around the ground and painting of boundary walls. The synthetic rubber track was built all around the ground. Basketball court and lawn tennis court were renovated completely. Tennis court and basketball court lighting was done. Large focus lights were installed all around the ground to facilitate night matches.

Prof Rashmi Kushwaha from Pathology Department won 1000-km finishers award for the Brain Challenge, 2023 by Indian Academy of Neurology.

Dr Rashi Rastogi JR-2 of Department of Gynaecology won the Bronze Medal in National swimming competition-2022.

Rajeev Malik, Dental Hygienist of the department brought accolades by participating in 1st Auli Himalayan Marathon - 2023.

COLLABORATIONS/MOUs/ EXCHANGE

9 students visited or have received approval by different Institutes of America in the past year. KGMU is now part of GUNI- the Global University Network for Innovations, headquartered at Barcelona in Spain and the international Talloires network, University of Massachusetts, USA.

FACULTY AND STUDENTS RECOGNITIONS:

Prof R K Garg was appointed as Associate Director of Research and Innovation, UPCRAM in October 2023.

Dr Pragati Jha, UG won prestigious IAP- ICP Research Grant 2023 (awarded to only 10 student Pan India); Dr Anjali Barua, PG won prestigious IAP - ICP Research Grant 2023 (awarded to only 4 student Pan India).

PATIENT CARE

There was an average footfall of approximately 1,30,000 patients per month in OPD and an average of 11400 patients were admitted per month and an average of 270-300 patients attended emergency services per day. Benefits as per government-initiated schemes were conferred to approximately 3300 patients under 'Asaadhya rog' scheme and to approximately 3400 under 'Vipann' scheme.

The department of Community Medicine has added a new SAM (Severe Acute Malnutrition) clinic and NCD (Non-communicable Diseases) clinic facilities this year.

The Department of Pathology established Stat labs in Dept. of Obstetrics & Gynaecology (Queen Mary Hospital) & Lari Cardiology for all clinical pathology investigations. It also initiated online report delivery by Hospital Information System (HIS) and through text message to the patients mobile number.

A State of Art Coagulation Lab was inaugurated in January 2023.

New block of Cardiology department with 96 beds is nearly complete and equipment worth Rs. 37.0 crore have been ordered.

A new minor OT was constructed and inaugurated, and a hereditary genital cancer clinic was started in the Department of Obstetrics and Gynaecology.

The first ever "Pathogen-reduction equipment" in Asia, was established and inaugurated in Transfusion Medicine department in October 2022 by Hon'ble Chief Minister.

A Clinical Biochemistry laboratory was opened in Plastic Surgery department for improved patient care by the Dept. of Biochemistry.

ORGAN TRANSPLANT AT KGMU:

Efficient multidisciplinary team of the university has successfully performed fifteen liver transplants and five kidney transplants. A total of 247 successful keratoplasty procedure were performed with the tissue collection done at KGMU Eye bank, Department of Ophthalmology since June 2022 till date. There are total of 81 pledged donors at Eye bank, KGMU. Additionally, thirteen cochlear transplants were performed by ENT department.

NEW DIAGNOSTIC FACILITIES:

A proposal to start Genetic Diagnostic Unit-National Inherited Diseases Administration (NIDAN Kendra) and Unique Methods of Management of Inherited Disorders (UMMID) initiative in the Department of Pathology has been initiated.

TELEMEDICINE SERVICES

The Telemedicine Hub & Control Centre has implemented E-Sanjeevani, a pioneering telemedicine platform initiated by the Ministry of Health and Family Welfare, Government of India. There were 2,10,254 E Sanjeevani teleconsultations between July 2022- June 2023.

HOSPITAL INFECTION CONTROL MEASURES AT KGMU

Committee at King George's Medical University has significantly reduced healthcare-associated infections through rigorous measures. They conducted over 50 training sessions, involving 2000 participants, emphasizing infection prevention. Enhanced surveillance systems, improved hand hygiene, and collaboration with departments contributed to their success. Initiatives include antimicrobial stewardship, strengthened isolation protocols, and revised environmental cleaning. Regular audits, HICC meetings, and an updated Annual Infection Control Manual reflect their continuous commitment and gratitude to stakeholders.

RESEARCH AND INNOVATION

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

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

TOP 2% SCIENTISTS

KGMU is proud to have faculty in top 2% Global Scientists by Stanford assessment in year 2023: Prof. R.K. Garg, Head, Department of Neurology; Prof. Rajesh Verma, Department of Neurology; Dr. Sujit Kumar Kar, Department of Psychiatry; Dr Shweta Singh, Department of Psychiatry; Dr Shailendra Saxena, CFAR; Prof. Abbas Ali Mahdi, Head, Department of Biochemistry; Prof. Rashmi Kumar (Retd), Department of Paediatrics; Prof. Shally Awasthi, (Retd)Head, Department of Paediatrics; Late Prof. Divya Mehrotra, Department of Oral & Maxillofacial Surgery Late Dr U C Chaturvedi, Department of Microbiology

SCHOOL OF BIO-DESIGN: SIB-SHInE

A new centre for innovation and entrepreneurship was also inaugurated on 1st of September 2022. This School of International Biodesign - Synergizing Healthcare, Innovation and Entrepreneurship (SIB-SHInE) is a joint collaborative venture of KGMU and IIT Kanpur and has been funded by Department of Biotechnology, Government of India. Nine fellows from all across India are presently undergoing training in biomedical innovation and entrepreneurship at SIB SHInE. Over a period of next 5 years SIB SHInE aims to train 50 Fellows and help create 15-20 MedTech Start-up Companies.

DHR-MRU

The DHR-MRU is involved in multi-dimensional research areas that include basic and translational clinical research. The unit is dedicated for research on non-communicable diseases. The facilities available covers basic genomics, proteomics, cell culture and 3D printing. Research in the field of 3D printing and advance virtual surgical planning has been undertaken at the Unit.

DHR-MRU is supporting 14 research projects (including MD/MS/MDS/PhD thesis work).

COCHRANE

The "Cochrane Protocol Development Workshop" and "Orientation workshop on Cochrane" to was organized on April 14-16, 2023 and November 26, 2022. 200 participants medical, dental and nursing institutions across Uttar Pradesh and Delhi attended the workshops.

DEVELOPMENT OF IPR POLICY OF KGMU

The new IPR policy was implemented on September 9, 2022.

PATENTS

1. Dental Airotor Hand piece with a Pressure Sensor' in February 2023,
2. A Mineral Trioxide Aggregate (MTA) by addition of gold nanoparticles (Gnps) and its method of preparation and Patent filed are 'Modified technique for obtaining Platelet Rich Fibrin (PRF) in long-term diabetic patients having glycemc control in December 2022.
3. Pooran Chand has patent on Classification of post mucormycosis orofacial defects (L122576/2023) published in May 2023.
4. Dr Pooran Chand, Dr Sunit Kr Jurel, Dr Shuchi Tripathi have patent on PSSNA Classification of obstructive sleep apnea risk with treatment modalities (L124351/2023) published in June 2023.
5. Dr S V Singh, Dr Deeksha Arya, Dr Pooran Chand have patent on A Cheek Retractor with Adjustable Suction Tip Holder and Eye Shield (202011048105) published in September 2023.
6. Dr Kaushal Kishor Agrawal has patent on Dental Pre-clinical App: 3D learning solution (L131997/2023) published in August 2023.
7. Dr. Durgesh K. Dwivedi published patent number PCT/IN2021/050150; 17.02.2021 titled Radiation Shielding Red Mud Based Hybrid Composite Panels and Process.

WOMEN EMPOWERMENT INITIATIVES

The Women Empowerment Cell at King George's Medical University, established in May 2021, has made significant strides in promoting the well-being and empowerment of women through a multifaceted approach.

1. Awareness Programs and Outreach Initiatives:

- Conducted over **50 awareness programs** focusing on health, education, self-respect, and financial independence for females in the society.
- Engaged in outreach programs in **10 adopted villages**, reaching out to females and children, creating awareness on health, hygiene, and education.
- Organized a Menstrual Hygiene panel discussion on International Women's Day, involving **400 female students** across various medical streams.

2. Health Celebrations and Initiatives:

- Celebrated Ovarian Cancer Day with an awareness rally, symposium, and felicitation of cancer survivor patients.
- Conducted Breastfeeding Week, emphasizing lactation, newborn care, and immunization, benefiting caregivers of children in NICU.
- Organized medical camps, including one at an Old Age home in May 2022, impacting the lives of elderly individuals.

3. Educational and Training Programs:

- Conducted workshops on medicolegal issues in sexual violence cases, reaching out to final-year MBBS students.
- Provided counselling and rehabilitation for child abuse and rape victims through the collaboration with Samadhan Abhiyan, an NGO.
- Established Nivedita Sewing School and Dhanvantri Mahila Udhya Mitra Kendra, impacting women's self-employment.

4. *Community Health and Awareness Drives:*

- Conducted health check-ups for blood sugar, anaemia, blood pressure, and infant vaccinations during outreach programs.
- Collaborated with legal consultants, women's rights activists, socialists, and psychologists for awareness drives in adopted villages.

5. *Infrastructure and Environmental Initiatives:*

- Ensured cleanliness in washrooms across hostels, departments, OPD, and OT.
- Installed sanitary disposal machines in the New PG Girl's hostel.
- Planted various medicinal plants at PHC, Sarojini Nagar, Lucknow, during the monsoon months.

6. Employee Welfare Initiatives:

- Implemented facilities such as female washrooms in OT/OPD/Dept., drinking water facilities, and designated seating arrangements.
- Ensured fixed hours for internship duties and mentorship by younger, understanding, and student-friendly faculty.
- Provided transportation facilities for night duty female employees and created a female-friendly safe environment with proper lighting arrangements.

These initiatives collectively reflect the commitment of the Women Empowerment Cell to fostering a holistic environment that uplifts and empowers women, with tangible impacts on education, health, and socio-economic aspects.

SOCIAL OUTREACH

VILLAGE ADOPTION PROGRAM:

Department of Community Medicine has adopted 10 villages namely Maati, Banthra, Gauri, Natkur, Amausi, Daroga Kheda, Ambarpur, Paharpur, Bani, Mulayikheda and runs regular health promoting activities. The department of Pulmonary Critical Care adopted Village Kashmandikala, Malihabad, Lucknow to make it TB free.

Social outreach activities of the University are organized at regular time intervals under the committee in name of KGMU-REACH (Reach Educate AND Cultivate Holistic Wellness).

In this year the activities have been conducted at Bhagirathi residential apartment Awadh Vihar yojana Lucknow, Sarojini Nagar area, Paramount apartment, Lucknow, Pragya mandal Asiana Lucknow, Bhartiya Gramin Vidhhalaya village Kunaura, Bakshi Ka Talab Lucknow, Lateef Pur Post Bhagwant pur Lucknow, Lucknow public collegiate, District hospital Ayodhya, in association with Dainik Jagran I-next for improving basic hygiene practices of school children, in association with Mamta charitable trust at Karehta Main Basti and at ever ready chauraha near kallu hotel Lucknow. Around 3000 patients were benefited and around a total of 300 faculty members and residents participated in these activities.

Department of Gynaecology conducted a number of extension and outreach activities including activities on various national and international days, awareness programs and television and radio programs, and activities at periphery with different schools and societies. The activities include Na na anaemia program, Cervical cancer awareness month celebration, Cervical cancer screening camp, Biomedical waste management and infection prevention and health and hygiene Strengthening capacities and demonstrating best practices in BMW management in District Hospital Raebareli, Public awareness program on world breast feeding week, Menopause and Andropause: Break The silence at workplace, Awareness program in NEW UG hostel on Ovarian Cancer and Self Breast Examination on the eve of World Ovarian Cancer Day, Awareness Program on Menstrual Hygiene Day in Gynae OPD, Nukkad Natak on awareness on menstrual hygiene by Nursing students and sanitary napkin distribution to adolescent girls and females, lecture on Adolescent Health to MBBS 4th year students in Adolescent Clinic.

Surgical Endocrinology department has a robust Support group for Breast Cancer survivors and their care givers. The department of Neurosurgery created public awareness about the perils of Head Injury by imparting a series of lectures to school students on World Head Injury Awareness Day. It also organized the 2nd Annual Interschool Art and Quiz Competition on the Head Injury theme with over 100 school students participating in it.

Department of Ophthalmology outreach programs include visits to Devalaya Nethra Chikitsalay and RHTC Banthra. The department actively participates in the National Programme for Control of Blindness, providing subsidized or free surgeries. The department has received recognition for establishing an Advanced Diabetic Retinopathy Centre and integrating the ICO Curriculum for Post Graduate Students, highlighting its commitment to excellence in ophthalmology education and research.

ENVIRONMENT: OUR RESPONSIBILITY TOWARDS A SAFE EARTH

An Energy Audit of the KGMU campus was conducted in August 2023 through a tripartite agreement between the KGMU, Uttar Pradesh, New & Renewable Energy Development Agency (UPNEDA) and BTECON.

UNIVERSITY ENVIRONMENT DEPARTMENT

Under WHO Project entitled "Strengthening capacities and demonstrating best practices in BMW management in different levels of healthcare facilities in a state and creating trainers at all the levels" induction workshop was organized on 22nd and 23rd June to train 5 master trainers from selected health care facility. It organized World Environment Day on 05.06.2023 to sensitize public on environmental problems. The commissioner of Lucknow, Dr. Roshan Jacob graced the occasion. Trainings of Bio Medical Waste Management have been done at regular intervals or as per demand. All new U.G., P.G. students have been trained throughout the year 2023 in the department.

COMMUNITY RADIO STATION

KGMU Goonj, a community radio station, first of its kind to be run by any medical college expanded its broadcasts hours and is continuing health education and entertainment programs daily from 7 am to 10 pm in February 2023.

FINANCE

The University receives grants from the government under various heads that, apart from salary head, includes grants for free medical services for various government schemes of the State and Central Government, like, BPL card holders/Antodaya card holder/Lawaris/Poor Patients/Asadhya Rog Yojna. For this, in the financial year 2022-23, Rs. 4400.00 Lacs were allocated by the government. 100% utilisation was done. Infrastructure Grant FY 2022-23: Total grant sanctioned = Rs 10900.00 lacs; 100% utilisation done. Equipment Grant: Total grant sanctioned – Rs 8000.00 lacs (including New Cardiology Building (Rs 3700.00 lacs) and Diabetic Retinopathy (Rs 200.00 lacs); 100% utilisation done.

ADMINISTRATIVE REFORMS

Central Transport cell: All university vehicles now have a fully-functional GPS tracking system for monitoring the vehicle movement in and around the city. It has started Single outlet system for fuel filling for uniformity.

FACULTY AND NON-TEACHING POST PROMOTIONS

Faculty promotion interviews were conducted and 7 Assistant Professors were promoted as Associate Professors, 25 faculty members were promoted from Associate to the post Additional Professors and 34 were promoted from Additional Professors to full Professors. One Associate Professor was promoted from Associate Professor to the post of Professor.

Promotions in non-teaching cadre were also done.

NURSES RECRUITMENT

An all-UP entrance examination for nurses was conducted by the University across the state. About 64,000 candidates appeared for 1291 seats. The examination was conducted in 5-cities of UP at 134 different centres. 300 faculty members were involved in this mammoth exercise.

Financial Report (22-23)

Finance Officer: Mr Vinai Kumar Rai

Salary Grant: The State Govt. has allocated 62200.00 Lacs for Salary under the Recurring (Non-Plan) head for the year 2022-23. An Expenditure of 34210.00 Lacs was done for the salary of teaching staff and 27990.00 Lacs was done for employees. **Contingency Grant:** INR 20000.00 Lacs were allocated by the State Govt. as a Contingency fund under the Recurring (Non-Plan) head for the year 2022-23. 100% fund was utilized for operationalising the day-to-day work of the university in terms of patient care and administrative work. **Free Medical Services Grant for State and Central Government Schemes:** In the financial year 2022-23, Rs. 4400.00 Lacs were allocated by the government for the free medical facilities for BPL card holders/ Antodaya card holder/ Lawaris/ Poor Patients/ Asadhya Rog Yojna. 100% utilisation done.

Infrastructure Grant: Total grant sanctioned = Rs 10900.00 lacs, 100% utilisation done. **Equipment Grant:** Total grant sanctioned – Rs 8000.00 lacs (including New Cardiology Building (Rs 3700.00 lacs) and Diabetic Retinopathy (Rs 200.00 lacs), 100% utilisation done.

Internal Quality Assurance Cell

Dean Q&P: Prof Apul Goel

The Internal Quality Assurance Cell (IQAC), established in 2015, is a dedicated unit for quality endeavours of the university and is constantly working in alignment with its vision and mission for continuous improvement of quality and achieving academic excellence. The cell works through the office of Dean Q&P under the chairmanship of the Hon'ble Vice Chancellor. Between July 2022 and June 2023, it submitted data for SSR second cycle NAAC and timely addressed all 31 queries raised in DVV (Data Validation and Verification Process), University credentials for NIRF 2023, India Today Ranking (Medical and Dental 2023) and QS Ranking were successfully submitted within stipulated periods.

A total of 23 activities and 22 Meetings (Approximately 3-4 activities per month) were convened on various quality related issues. Meeting and activities like Gap analysis of NIRF Ranking and various stakeholders feedbacks were done regularly and reports were presented on various platforms. Members actively participated in UPCRAM Activities, a UP Government effort to handhold 11 Universities to help them to plan for higher grading in world and national Rankings. On the recommendation of IQAC, structure and functions of placement cell was developed. Quality team members regularly participated in various sensitization activities to upgrade their understanding of various quality enriching contemporary activities like National seminar on Best Practices of Avinashilingam Institute fostering NAAC Assessment Criteria on 29th September 2022.

Faculty sensitization on "Patent filing" was organized on 14th December 2022. The guest speaker Dr B.K. Sarkar (aka, Patent Man of India) explained about the processes and types of various patents in simple language. Another faculty development activity was conducted on 23rd July 2023 on "MOOC as Teaching Learning Tool" by Director IQAC, Dr Chinmay Shah, Government Medical College, Bhavnagar. More than 100 faculty members joined the webinar and actively participated. Best Department Ranking was done for the academic year 2022-23. Department of Microbiology, Department of Paediatrics, Department of Cardiology in faculty of Medicine and Department of Endodontics won the best department awards in respective categories.

A career guidance webinar was convened on 27th May 2022 in collaboration with National Institute of Public Health on "Avenues in Public Health" for MBBS, BDS and Nursing students. On the occasion

of International Women's Day (21st March 2023), a panel discussion was organized jointly by Women Empowerment cell and IQAC. A faculty development workshop was organized in collaboration with Elsevier India, Central Library and IQAC on 28th March 2023 on "Development of Leadership Skills: Design Thinking".

IQAC core committee meeting was convened on setting Goals in alignment with SDG and NEP on 31st December 2022. IQAC prepared 10 year vision document and submitted the same to Rajbhawan on 12th April 2023.

IQAC made several efforts for procuring software for ranking and accreditation Data collection. A great initiative to publish Second Edition of Coffee Table Book of KGMU was taken. Redrafting and updating of information and new stories/photographs were added. The TOI group published the book that was released on 7th August 2023.

IQAC worked constantly to prepare university for NAAC peer team visit. Vice Chancellor and IQAC director of University of Lucknow were invited on 19th October 2022 to share their success story. A presentation was done before Hon'ble chancellor Smt Anandiben on 21st October 2022. A 2-days Mock inspection by ex NAAC experts, Dr Thygarajan, Dr Rama Kodapalli and Dr A N Rai was convened on 23rd and 24th January 2023. IQAC team, conducted internal inspection of more than 60 units and departments of the university to assess preparedness for NAAC peer team visit between November 2022 and January 2023. All visits were led by Chairman, IQAC, Hon'ble Vice Chancellor, Dr Bipin Puri himself. IQAC successfully managed and coordinated 3 days visit of 7 member NAAC PEER TEAM for second cycle accreditation on 2nd, 3rd and 4th Feb 2023. Post accreditation, efforts are continuing to constantly improve the quality at KGMU.

Faculty of Medical Sciences

Dean: Prof Amita Jain

In the recent years medical education in India has witnessed an exhaustive curriculum reform. Competency-based education has been introduced since 2019. Implementation of new components are challenging. Faculty of Medical Sciences, developed 28 elective courses in Block 1 and 31 in Block II. Block I was conducted between 23-02-2023 to 25-03-2023 and 250 students of MBBS Batch 2019 opted various electives and gave satisfactory feedback. Block II electives from clinical departments were conducted between 27-03-2023 to 23-04-2023. Students of 2021 batch successfully completed "Family adoption program". Various phase Curriculum-committees developed academic Calendars for 2019, 2020, 2021, 2022 batches. These Calendars are uploaded on University's Website. Every Saturday integrated teaching is convened by various phase 3 departments. The office successfully conducted various admission and counselling sessions for 2022 undergraduate and postgraduate courses under one roof in Kalam Centre.

Between July 2022 and June 2023, thirty-five faculty development activities were organized. Prof. (Dr) (Lt. Gen) Ved Chaturvedi, PVSM, VSM, MD, DM (An eminent Rheumatologist) and Clinical Immunologist from Delhi, Prof. Alok Kumar Rai, Vice-Chancellor, University of Lucknow, Dr. M.C Patel, eminent Gynaecologist & medico-legal expert from Ahmedabad, Dr. Tylor Sexton, President of American College of Hyperbaric Medicine, Dr. Daniel A. Kelin II, American Director of Drama Education from Hawaii (USA) and Dr. Divya Midha, Senior consultant, Onco-pathology, Tata Medicinal Centre, Kolkata delivered guest lectures during various sessions.

Faculty of Dental Sciences

Dean: Prof Ranjit Patil

The Faculty of Dental Sciences brought laurels by achieving 2nd rank by the India Today rankings in 2023. In the Faculty of Dental Sciences, there are 9 departments, with an annual intake of 70 BDS students. 65 students have taken admission in the year 2022 and session started in the month of December. In the PG program out of annual intake of 46 MDS students, 44 Junior Resident were admitted in month of November.

Postgraduate program in public health dentistry started this year. DCI Inspection was conducted on 18 and 19 July 2023 for renewal of increase in PG seats in 07 departments. Workshop on “**Anti-ragging Orientation Program**” was conducted on 09 June 2023 to create awareness amongst the students to curb the menace of ragging. A lecture of **National Pharmacovigilance Week 2023** was organized on 22.09.2023.

Faculty of Nursing

Dean: Prof. 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 2022-23 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 its alumni. About 165 students were selected as Nursing Officers in various Government Institutions like NHM, 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. Two students have completed their Doctoral degrees.

Mrs. Anugrah Charan and Mrs. Tanima Verma received Best Teacher Awards. Faculty members are serving as Members of various advisory committees and selection committees and have delivered prestigious Orations and Guest Talks. They are serving the community as member of professional bodies, editorial board members/ reviewer and Assessors (NMC/DCI/INC/NAAC).

Nursing Faculty members have published 13 publications between 1st Jan 2022 -31st December 2022. Students also have published 13 research articles in journals indexed in databases like Scopus, Medline and Google Scholar. Currently two extramural projects are also running in the college. 18 MSc 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, Anima 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.

KGMU college of Nursing is actively engaged in various activities like Role play by students on “Eye Donation Awareness” and “Personal Hygiene”; Skits on “No Tobacco Day”. It celebrates various important days like Environment Day, Breast Feeding Day and Mental Health Day etc.

Faculty of Paramedical Sciences

Dean: Dr Anil Nischal

KGMU Institute of Paramedical Sciences has a clear vision to become a "Centre of Excellence" for training paramedical professionals. At present 14 Diploma Courses and One-degree program is being run under the faculty. Thirty seats were sanctioned for Diploma in Anaesthesia and Critical Care Technician in 2022. 569 students took admission in various degree and diploma programs. Students are engaged in short research projects to inculcate research aptitude. The institute is running an optional 6 months Paramedical Internship program and in 2022, 43 diploma and 23 Degree students enrolled for the same. The institute is committed for constant improvement in teaching-learning processes. A robust feedback system exists for student's feedback. Digital feedback system is fully functional and analysis of feedback is done regularly.

Students of Paramedical sciences participated in Palliative Care Skill (2); Bio-Medical Waste Management (12); Soft Skill (3) and Basic Life Support (12) workshops. Regular Academic Webinars & Quizzes, Guest Lectures, National/International Days Celebrations, Awareness Rally & Nukkad Natak, Speech & Debate competitions, Rangoli & Poster Activity, Social Outreach Programme, Annual Cultural Programme (Synergy), Annual Sports Meet are conducted. Students actively participated in various extra and co-curricular activities like skit play on the occasion of Trauma Prevention, Road Safety week, Eye donation week, cancer awareness program, Mission Nirmaya Counselling, International Yoga Day, World blood donor day, Climate Change, World environment day, World Aids Day.

Students participated in Annual Sports and cultural fest 'SYNERGY' in 2022 and won prizes.

Guest lectures were organized on "World No Tobacco Day" and Vector Born Diseases. Dr Aparna Shukla, Nodal officer, DACCT, published book titled "Clinical Pearls in Anaesthesia and Critical Care: A handbook for technicians". The institute is regularly conducting Placement drive for passing out students and placement fair of 2018, 2021 and 2022 has given appreciable results. It is striving hard to initiate Degree Programs and to provide hostel facilities to the students in near future.

Central Library

Faculty In-charge: Prof. Divya Narayan Upadhyay

Central Library with current seating capacity of 600 students has 21-hours access from 9 am till 6 am (next day). It has 44836 print books, 4237 online books, 237 print journals, 5563 online journals and 29876 back-volume journals. It has 7 databases and part of 2 consortiums. In the academic year 22-23, central library added 57 new e-books from Thieme.

The Central Library subscribes Clinicalkey (Elsevier; 708 e-journals, 982 e-books, procedure videos), Clinicalkey Student (Elsevier; 555 e-books), Eduport global (CBS Publisher; 577 e-books), Springerlink-(1640 e-books), Nature Research (Springer 84 e-journals), BMJ Best Practice, BMJ Case Report, UpToDate, Thieme (57 e-books), Access Medicine (McGraw Hill; 229 e-books), ERMED Consortium (NML; 242 e-journals), DELNET (Developing Library Network)- Online platform. Grammarly, EMBASE (Elsevier) and QuillBot Premium free trial access was given to university by publishers.

Open air library space has been created for students to read in fresh air. Facility for thesis related work has also been provided as a THESIS CENTRE. MyLOFT (My Library on fingertip) a mobile app platform that helps libraries to have a secure access to the institute's subscribed premium e-resources is now having accessed by students and faculties.

Central Library, has organized workshops like “How to do literature search using PubMed/Cochrane/Mendeley” on the occasion of National Library Day by Ms. Vasumati Sringanesh, Founder & CEO, QMed Knowledge Foundation, Mumbai, Online Workshop on Improving research writing using Grammarly, MyLOFT User Onboarding and Training Session by Mr. Vaibhav Goel, Product trainer of MyLOFT and ELSEVIER HANDS-ON WORKSHOP on Leadership in CBME – Using Design Thinking Principles by Mr. David Game, Vice President of product management, global medical education at Elsevier.

Several Online meetings were organized in collaboration with various publishers to sensitize students and faculty to optimally utilize online resources available with central library. Wiley -Webinar training-cum-awareness of ERMED resources for Access / Download articles from e-journals subscribed for ERMED consortium for the year 2022 on dated 10th August 2022. Online workshop on Improving research writing using Grammarly on 7th Sept 2022. Wiley organized- Introduction to Cochrane Library on dated 14th September, 2022, Wiley organized- Methodology of Cochrane reviews and its relevance to day to day clinical practice on dated 21th September 2022, QMed's Fortnightly Webinar on Mendeley dated 19th Oct 2022, RemoteXs Admin/User Training on dated 27th and 28th Oct 2022. QMed's – Mendeley : The Crucial Elements on dated 16th Nov 2022, Taylor & Francis Group and the Centre for Health Innovation and Policy Foundation present a training session on 'Avoiding Rejections' for the medical community on dated 29th Nov 2022, DELNET Webinar on "Research & Publication Ethics : Role of Librarians " by Dr. Shubhada Nagarkar, Assoc. Professor, DLISc and Coordinator, Centre for Publication Ethics (CPE), Savitribai Phule Pune University, Pune on dated 30th Nov 2022, NAELIN 2022- 25th National Convention on Knowledge (online), Library & Information Networking on dated 14-16 Dec 2022, Webinar on Mendeley on dated 21st Dec 2022, RemoteXs : Monthly Training session on dated 28th & 29th Dec 2022, ERMED: BMJ Case Report webinar on dated 10th Jan 2023, Webinar training-cum-awareness of ERMED resources for Access / Download articles from e-journals subscribed for ERMED consortium for the year 2023 on dated 23rd March 2023, Webinar training-cum-awareness of ERMED resources for Access / Download articles from e-journals subscribed for ERMED consortium for the year 2023 on dated 28th March and 5th April 2023, Webinar training-cum-awareness of ERMED resources for Access / Download articles from e-journals subscribed for ERMED consortium for the year 2023 on dated 17th and 18th May 2023, ERMED : Webinar on Access Medicine Database by the Publisher McGraw Hill on dated 19th May 2023.

Centre for Advanced Skill Development

In charge-Prof. Samir Misra

The centre conducts various Skill Workshops, including, ATLS (Provider and Instructor Course), Biomedical Waste Management, Palliative Care Skills, Basic Life Support and Soft Skills Workshops for Paramedics, Nurses, Doctors and Medical Students. In academic session 22-23, 13 BLS workshops (Basic Life Support), 08 ATLS Provider Courses (Advance Trauma Life Support), 05 ATLS Instructor Courses (Advance Trauma Life Support), 10 BMW Skill workshops (Biomedical Waste Management), 04 Soft Skill Workshops and 05 Palliative Care Skill workshops, 02 Pregnancy Simulator Workshop, 02 PTRM (Paediatric Trauma Resuscitation Module) were conducted in which about 1,400 were trained to up skill their existing knowledge.

Examinations

Controller of Examination: Prof. Jyoti Chopra

The COE office conducted the examinations of various courses of the University in which a total of 5646 candidates appeared in the year 2022-23. 856 sets of question papers were prepared for conducting the examinations of various courses. Pass percentage of various courses varied between 85.1% to 100%. Average declaration days of results was 19. Percentage of examination related grievances was reduced to 1.03% as compared to last year (1.37%).

Convinced by the fairness of our examination process, Government of Uttar Pradesh, NHM and DGME trusted KGMU to conduct entrance examinations for BSc Nursing, CHO Document Verification, Senior Residents, Junior Residents, Nursing Faculty Recruitment Contractual, Mental Counsellors, CCHN, Faculty Recruitment KGMU. During these examinations 47690 candidates appeared. All the examinations were conducted on their fixed time schedule, maintaining absolute integrity, secrecy, and sanctity.

Student Activities

Dean: Prof. R A S Kushwaha

The First Mentor-Mentee interactive session was held on 13.01.2023 for MBBS/BDS Batch 2022 of KGMU. An annual Log-book was provided to all students, which contains the detail of all student welfare schemes, important mobile numbers, website details and KGMU campus map for student's perusal.

KGMU students council organized Rhapsody, annual cultural feast on 22, 23 and 24th September 2022, at Scientific Convention Centre, KGMU. Under directives from Ministry of Youth Affairs, GOI "Youth-20 Summit Program" was convened at KGMU between 25.02.2023 to 23.03.2023. Various activities like Walkathon, Slogan-Writing Competition, Poem Competition, Dance Competition, Debate Competition, Poster Competition, Rangoli Competition, Quiz Competition, Nukkad Natak & Interview with Youth Icon were convened with full enthusiasm.

On the special occasion of 75th anniversary of Independence Day on 15th August, 2022, "Azadi ka Amrit Mahotsav" week was organized in which various programs based on patriotism, like "Azadi ke tarane", "Aazadi-ek-Anveshan", "Folk Dance", "Open-Mic (Expression of thoughts through Prose & Poetry)" were organized between 11th August to 17th August, 2022.

"Inauguration of KGMU Music Society" was done on 17th August, 2022. 'Change Over Ceremony' of KGMU Student Council was held on 29.08.2022. Gandhi Jayanti was celebrated on 02/10/2022. As per the instructions of Secretary, University Grants Commission, Ministry of Education, Government of India, birth anniversary of the eminent linguist and freedom fighter 'Mahakavi Subramanya Bharati', a program "BHARTIYA BHASHA DIWAS" was celebrated on 11.12.2022. "KGMU KULGEET" was composed and presented on 15.03.2023 before 'Kulgeet Committee under the Chairmanship of Hon'ble Vice Chancellor and was released on 15th July 2023.

On the occasion of "International Yoga Day" on 21st June, total 30 students from different hostels were selected and trained for yoga practice by eminent yoga teachers on 13.06.2023 and after that these students practiced yoga regularly in their respective hostels. On 15.06.2023 a Quiz Competition was organized on the topic of Yoga in which 50 students participated and on dated 16.06.2023 a Poster Competition and a Rangoli Competition was organized on 17.06.2023 in which 40-40 students participated. On 19.06.2023 a Nukkad Natak was played by the students in Old Dental OPD/New Dental OPD/New OPD to create public awareness on Yoga.

Patient Care

CMS: Prof B. K. Ojha

There was an average footfall of approximately 1,30,000 patients per month in OPD and an average of 11400 patients were admitted per month and an average of 270-300 patients attended emergency services per day. Benefits as per government-initiated schemes were conferred to approximately 3300 patients under 'Asaadhya rog' scheme and to approximately 3400 under 'Vipann' scheme.

Efficient multidisciplinary team of the university has successfully performed fifteen liver transplants and five kidney transplants. A total of 247 successful keratoplasty procedure were performed with the tissue collection done at KGMU Eye bank, Department of Ophthalmology since June 2022 till date. There are total of 81 pledged donors at Eye bank, KGMU. Additionally, thirteen cochlear transplants were performed by ENT department.

HEALTH FOR ALL IN DIGITAL INDIA: Telemedicine Unit

Nodal Officer In-charge: Dr. Sheetal Verma

There were 2,10,254 E Sanjeevani teleconsultations between July 2022- June 2023. King George's Medical University (KGMU) in Lucknow has emerged as a trailblazer in digital healthcare, particularly through its Telemedicine services.

The Telemedicine Hub & Control Centre has implemented E-Sanjeevani, a pioneering telemedicine platform initiated by the Ministry of Health and Family Welfare, Government of India. The other platforms include Google Meet, Zoom App, mobile phones, landlines, email, and WhatsApp, to provide seamless and accessible healthcare services. The impressive milestone of more than 2 lakh consultations across various platforms underscores the significant impact and widespread adoption of telemedicine services.

The E-Sanjeevani module within the mobile app offers General OPD, Specialist OPD, and a dedicated COVID OPD, catering to a wide range of healthcare needs. This initiative extends its services beyond KGMU to Health and Wellness Centers (HWCs), Primary Health Centers (PHCs), Community Health Centers (CHCs) across Uttar Pradesh, ensuring healthcare access in remote areas.

The HealthRADAR initiative has been launched in specific districts such as Gorakhpur, Basti, Sant Kabir Nagar, Siddharthnagar, Kushinagar, Deoria, Maharajganj, and even in the District Jail of Lucknow. This extends the reach of healthcare services to diverse populations, including those in correctional facilities.

An App-Based AI OPD provides an efficient and intelligent healthcare consultation platform. Additionally, a dedicated helpline with the KGMU exchange number (0522-2258880) is available for assistance and inquiries.

The University is playing a pivotal role in transforming digital healthcare in India through its comprehensive capacity-building initiatives. The focus is on enhancing the capabilities of medical colleges, Community Health Centres (CHCs), Primary Health Centres (PHCs), and Health and Wellness Centres (HWCs) across Uttar Pradesh. This transformation is achieved through collaborative efforts involving both government entities (both Central and State governments) and non-government organizations such as the Bill & Melinda Gates Foundation, Jhpiego, WISH Foundation, among others.

International Telemedicine Network has been established in KGMU for Tele-Education with IGC Hospital Kabul, Afghanistan and other International centres for Lab Technology, Physiotherapy, Transfusion Medicine, Nursing, Hospital Administration and others.

Tele-education sessions are regularly conducted with prestigious medical institutions in India like SGP GIMS, AIG Hyderabad, AIMS Kochi, KEM Mumbai, PGIMER, Chandigarh, to name a few.

HOSPITAL INFECTION CONTROL COMMITTEE

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

The Hospital Infection Control Committee (HICC) has been steadfast in its commitment to maintaining a safe and hygienic healthcare environment, preventing healthcare-associated infections (HAIs), and enhancing overall patient safety.

I. Key Achievements:

- Rigorous infection control measures led to a significant reduction in HAIs across various hospital departments.
- *Comprehensive Training Programs:* Over 50 training sessions were conducted for Faculty, Residents, Students, Research Scholars, and Staff, emphasizing infection prevention and control strategies. Impressively, these sessions witnessed the active participation of more than 2000 individuals from various departments and roles within the healthcare ecosystem.
- *Surveillance and Monitoring:* Enhanced surveillance systems facilitated early detection and containment of infectious outbreaks, ensuring prompt intervention.
- *Improved Hand Hygiene Compliance:* Successful awareness campaigns and training initiatives resulted in improved hand hygiene practices, with strategically placed hand hygiene stations.
- *Collaboration with Departments:* Collaborative efforts with various hospital departments tailored infection control strategies to specific patient populations and procedural areas.

II. Initiatives Undertaken:

- *Antimicrobial Stewardship Training for Residents* to optimize antibiotic use and prevent the emergence of antibiotic-resistant strains.
- *Isolation Protocols:* Strengthened isolation protocols for infectious patients, ensuring proper isolation practices and minimizing cross-contamination risks.
- *Environmental Cleaning Protocols:* Revised and reinforced environmental cleaning protocols to maintain a sanitized and infection-free healthcare environment.

III. Additional Points:

- *Regular Audits in All Departments:* Conducted regular audits across all departments to assess and improve infection control practices.
- *Regular HICC Meetings:* Held regular HICC meetings to discuss ongoing initiatives, address challenges, and strategize for continuous improvement.
- *Release of Updated Annual Infection Control Manual:* Released an updated Annual Infection Control Manual, providing guidelines and best practices for healthcare professionals.

Alumni Cell

Faculty In-charge: Dr Sudhir Singh

Alumni cell has conducted various events. These include different lectures taken by our alumni. Camps were organized. Health days were celebrated. Details are as follows:-

- Supportive home care services
- Online meeting of alumni on 6th August 2022
- Online meeting of alumni on 10th September 2022
- National Cancer Awareness Day, 7th November 2022
- Alumni Get together on 20th November 2022
- World Cancer Day Celebration, 4th Feb 2023

Research Cell

Faculty In- Charge: Prof Hardeep Singh Malhotra

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

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

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

A total of 10 PhD scholars have been awarded PhD degree in last one year; 18 students had joined PhD program of KGMU for the session 2022-23. The University has continued its support to young faculty and students for doing research. In the year 2022-23 Intramural Research Projects amounting to a total of Rs. 34.41 lakh have been sanctioned for funding to 3 faculty members, 20 resident doctors and 14 undergraduate students.

The subscription of Originality Check Software "iThenticate" has been renewed.

Research Cell organized "Research Showcase" on 9th November 2022 at Scientific Convention Centre. Prof. K. Srinath Reddy, Padam Bhushan, Former President, Public Health Foundation of India was the Chief Guest and he also delivered the "Prof. Devendra Gupta Oration" on topic "Pathways of Health Research: Purpose, Process, Products, Partnerships". "The Professor Dhavendra Kumar Young Investigator Gold Medal" was awarded to Dr. D. Himanshu, Department of Medicine for the year 2021. Dr. Vangala Ramakrishna, Department of Microbiology received the award for "Vice Chancellor's Medal for Best PhD Thesis". Best poster award was given to Dr. Wahid Ali, Pathology for Pre-Clinical; Dr. Prashant Gupta, Microbiology for Para-Clinical; Dr. Sujita Kumar Kar, Psychiatry for

Clinical Medical; Dr. Siddhartha Agarwal, Ophthalmology and Dr. Harsh Vardhan, Plastic surgery for Clinical Surgical; Dr. Shalini Gupta, Oral Pathology & Microbiology for Dental; Dr. Deep Chakraborty, SR, Radiotherapy for Postgraduate student; Mr. Shubhajeet Roy, MBBS-2019 Batch for Undergraduate Student and Mr. Vishal Lodhi, MBBS-2017 Batch for Intramural category.

Twelve lectures were taken by various faculty members for the "Postgraduate Seminar Series – 2022". In addition, the cell organized Orientation Workshop on Cochrane on 26th November, 2022 and Foundation Course Lecture Series in August & September 2022 for PhD scholars.

Cochrane Unit

Faculty in-charge: Prof Balendra P Singh

The unit organized "Cochrane Protocol Development Workshop" on April 14-16, 2023. 28 participants from 5 medical and dental institutions across Uttar Pradesh and Delhi. Second "Orientation workshop on Cochrane" was organized on November 26, 2022. 196 participants from 13 medical, dental and nursing college from Uttar Pradesh and Delhi joined it.

Innovation Cell

Faculty In-charge: Prof Rishi Sethi

For the first time in its history an 'Intellectual Property Policy' was drafted and implemented in the university in September 2022. This IP policy sets rules and guidelines for the ownership and revenue sharing of all the intellectual property (patents and copyrights) created by faculty, employees, students and researchers working in the university.

A new centre for innovation and entrepreneurship was also inaugurated on 1st of September 2022. This "School of International Bio-design" – Synergizing Healthcare, Innovation and Entrepreneurship (SIB-SHInE) is a joint collaborative venture of KGMU and IIT Kanpur and has been funded by Department of Biotechnology, Government of India. Nine fellows from all across India are presently undergoing training in biomedical innovation and entrepreneurship at SIB SHInE. Over a period of next 5 years SIB-SHInE aims to train 50 Fellows and help create 15-20 MedTech Start-up Companies.

Department of Health Research-Multidisciplinary Research Unit (DHRMRU)

Faculty In charge: Dr Raghuwar Dayal Singh

The DHR-MRU is involved in multi-dimensional research areas that include basic and translational clinical research. The unit is dedicated for research on non-communicable diseases. The facilities available covers basic genomics, proteomics, cell culture and 3D printing. The facilities at the DHR MRU are fully functional and are attracting researchers and students to conduct experiments on various aspects of non-communicable diseases. Research in the field of 3D printing and advance virtual surgical planning has been undertaken at the Unit.

DHR-MRU is supporting 14 research projects (including MD/MS/MDS/PhD thesis work) on different aspects proposed by faculty members and students from various departments for conducting their research through the facility available at the DHR-MRU. Out of 14 one is extramural grant from ICMR, two are fellowships from ICMR/DHR and 11 are supported from the research grant of DHR MRU, King George's Medical, Lucknow.

Ten research papers/conference proceedings/chapters were published by the research staff, students and faculty associated with DHR MRU in various SCI journals. The Unit is upgraded with 3D printing

and surgical planning facility with Mimics Innovation suit software, 3D bio-printer, Real-time PCR analyser, vacuum concentrator and refrigerators. The facilities at the DHR MRU are fully functional and are attracting the researchers and students to conduct experiments on various aspects of non-communicable diseases.

IT Cell

Faculty In charge: Prof Richa Khanna

In the current academic year, 'Information technology cell' of KGMU, helped in strengthening the delivery of patient care services by:

- Addition of a new alternate lease line of two Gbps besides the current lease line, with the purpose to support increased bandwidth utilisation by increasingly large number of users.
- Establishment of a dedicated centre for supporting online appointment system where patients with less access to internet services can call via a landline number and get OPD appointment.
- Securing the internet access across the users of the university by implementing user authentication for login into KGMU network
- Increasing the CCTV surveillance across wards and departments as required, and as per National Medical Council guidelines and recommendations
- Facilitating OPD queue management by implementing ABHA (Ayushman Bharat Health Account)-based appointment for patients as per the Ayushman Bharat Digital Health Mission (ABDM) of Government of India. Approximately one lakh unique health records linked till date.
- Installation of speaker systems in wards and hospital premises for transmitting 'KGMU Radio Goonj' events and announcements.
- Revamping intercom facility of Trauma centre, KGMU
- Installation of public address system at Trauma centre, KGMU

IT cell also facilitated university policy of issuing identity cards for retired employees to avail healthcare benefits at KGMU. In the field of academics, IT cell contributed an elective of 'Medical informatics' for MBBS students and facilitated Hospital Management Information System (HMIS) training for fresh junior residents joining the hospital. With the MOU signed with 'Mahatma Gandhi Institute of Health Informatics', Jaipur, there was an observership (summer internship) visit of two students to KGMU for insights into our HMIS data analytics.

Dr. Richa Khanna was invited as guest speaker to the 'International Workshop on Health Informatics Curriculum development organized by Mahatma Gandhi Institute of Health Informatics, Jaipur from 25-27 March 2022' where she deliberated on 'Data value proposition' on 25th March 2022 and a panel discussion on development of 'Health Informatics' curriculum.

Updation of the base network infrastructure in the form of core and distribution switches was done in the current academic year. Wi-Fi facilities were strengthened as per demands across campus like - Ladies residents hostel, ground floor of Gautam Buddha hostel etc. Face recognition, biometric attendance devices were installed as per honourable Governor of Uttar Pradesh orders. E-hospital, the hospital management information system was further strengthened across all utilises modules. Utilization of E-office platform was further strengthened by facilitating all types of RTI and IGRS files through this online platform to decrease the disposal time of the files.

Department of Medical Education

Head: Prof Amita Pandey

For the purpose of providing training in medical education, NMC Regional Centre, King George's Medical University, Lucknow has organized three Revised Basic Course Workshops in which 88 faculty from KGMU & different medical colleges of Uttar Pradesh were trained.

NMC Regional Centre, King George's Medical University, Lucknow has also organized one Basic Course in Medical Education (BCME) for satellite centres in which 28 faculty trained from different Medical colleges of Uttar Pradesh.

Master in Health Professional Education (MHPE) course is being organized here for the academic year 2021-2023 in which 5 students were registered in MHPE course and in academic year 2022-24 in which 6 students were registered in MHPE course.

Department of Medical Education celebrated 5th Late Dr. APJ Abdul Kalam oration on 17th October 2022 with oration by Dr. Nikhil Tandon, Professor and Head, Department of Endocrinology and Metabolism, AIIMS, New Delhi. He delivered the oration on the topic "Harnessing Technology for Skill Enhancement in Medical Training".

Dr. Vimala Venkatesh, Professor, Dept. of Microbiology and Dr. Anjoo Agarwal, Professor, Dept. of Obstetrics & Gynaecology have completed Advance Course in Medical Education (ACME) in August 2022. 9th "Late Dr. Janhvi Dutt Pandey Scholarship" award for the best MD/MS/DM/M.Ch departmental thesis was held on 1st April, 2023.

Sports

Faculty In-charge: Prof Rashmi Kushwaha

Sardar Patel Ground underwent major renovation during July 2022 to June 2023 including laying of a synthetic rubber track built all around the ground, renovation of basketball and lawn tennis courts and instillation of large focus lights to facilitate night matches.

Georgian Inter Medical Basketball Tournament was organized from 12-15 September, 2022.

Total 9 teams Participated. KGMU college team won the event.

KGMU participated in AFMC's Silhouette from 5-8 May, 2022 at Pune where the Basketball and Football teams played in their national-level inter-medical sports festival. Both the teams played quarter finals. Sumit Kumar Singh (MBBS 2020) participated in athletic events and was 2nd runner up in 1500m race. Achal Kundu (MBBS 2018) participated in weight lifting and finished 1st runner up. Mayank Dhiman (MBBS 2020) participated in Table Tennis men's single and played quarter finals.

Deepak Agarwal Memorial Georgian Premier League from 21-25 May 2022: Organised by 2019 batch. Day Night Tennis Ball and Cricket tournament was organized where 32 teams participated.

Social Outreach Cell

Faculty In-charge: Prof R K Dixit

Social outreach activities are organized at regular time intervals under the committee in name of KGMU-REACH (Reach Educate AND Cultivate Holistic Wellness). In this year the activities have been conducted at Bhagirathi residential apartment, Awadh Vihar yojana, Lucknow; Sarojini Nagar area; Paramount apartment, Lucknow; Pragya mandal Ashiana Lucknow; Bhartiya Gramin Vidhhalaya, village Kunaora; Bakshi Ka Talab, Lucknow; Lateefpur, Post Bhagwantpur Lucknow; Lucknow public collegiate; District hospital Ayodhya; in association with Dainik Jagran I-next for improving basic hygiene practices of school children, in association with Mamta charitable trust at Karehta Main Basti and at Eveready chauraha, near Kallu hotel, Lucknow.

The activities related to health promotion and prevention of disease were conducted in different format. Free camp of OPD of specialists from ophthalmology, ENT, Dermatology, Obstetrics and gynaecology, psychiatry, medicine, general surgery, orthopaedics, pulmonary medicines, dentistry etc., were organized from 9 am to 5 pm on the days of camp. Free distribution of drugs and must require investigations was possible with the help of NGOs. Through outreach activities the cell also organized the volunteer blood donation camps with education related to the blood donation. The discussions related to the diseases, and adverse effects of drugs were also promoted. Around 3000 patients were benefited and around a total of 300 faculty members and residents participated in these activities.

University Environment Department (UED)

Head: Prof Kirti Srivastava

Under WHO Project entitled "Strengthening capacities and demonstrating best practices in BMW management in different levels of healthcare facilities in a state and creating trainers at all the levels" induction workshop was organized on 22nd and 23rd June to train 5 master trainers from selected health care facility. Prof. Mohd. Parvez and Dr. Nitin Dutt Bharadwaj inspected various state/national level healthcare facilities under Kayakalp/ NQAS program. Dr. Ishika Jharia, Senior Research Associate & Project Officer, Sustainable Health in Procurement Project (SHiPP), Centre for Chronic Disease Control, New Delhi visited the department.

UED organized World Environment Day at King George's Medical University on 05.06.2023. The aim was to sensitize public on environmental problems and getting people's participation/ resolution to provide a safer and healthier future for all. The commissioner of Lucknow, Dr. Roshan Jacob graced the occasion. Poster, video clip, quiz, healthy recipe competition were organized on the occasion of National Nutrition Month – September month, 2022.

Trainings of Bio Medical Waste Management have been done at regular intervals or as per demand. All new U.G., P.G. students have been trained throughout the year 2023 in the department.

UED organized a TOT programme on 13th of May, 2023 for all the Nodal Officers as an annual activity for updating them regarding BMW and infection control practices. On this occasion, Dr Ritu Srivastava, District Malaria Officer took Guest Lecture on "Vector Borne Diseases Control Programme- UP".

Women Empowerment Cell

In-Charge: Dr Punita Manik

In compliance with vision of Honourable Governor of Uttar Pradesh and Chancellor, King George's Medical University, Lucknow, the Women Empowerment cell/ Mahila Addhyan Kendra was established in the University on 31.05.2021. The Women Empowerment Cell has a three directional approach. Firstly, it aims in conducting society awareness programs in order to promote health, education, self-respect and financial independence among females. Secondly, the cell conducts outreach programs for females/children in 10 adopted villages of KGMU bringing awareness regarding health, hygiene and empowering them through education. Thirdly, programs are carried for the female employees, students and faculty members of KGMU.

In the first week of March 2023, as a part of the celebration of International Women's Day a Panel discussion was organized on Menstrual Hygiene. 400 female students of Nursing, Paramedical, Dental and Medical streams participated. Awareness regarding menstrual hygiene was also conducted at Primary Health Centre, Sarojini Nagar, Lucknow. A faculty participated in Talk Show-Live on YouTube to discuss mental health issues of women. A panel discussion on "Are empowered women truly empowered?" was organized on 21 March where Mrs Renuka Mishra DG, SIT participated.

In the month of May 2023, Ovarian Cancer Day Celebration was organized with an awareness Rally, symposium and felicitation of Cancer survivor patients by Department of Pathology in collaboration with Women empowerment cell.

Breast feeding week was organized in the first week of August 2022 by the Department of Pediatrics and College of Nursing where emphasis was laid on the significance of lactation, newborn care and Kangaroo Mother care and immunization to the care givers of children admitted in NICU. Continuing Nursing Education on Perinatal Mental Health of women was also organized.

A medical Camp was organized at Old Age home at Sarojini Nagar in May 2022. KGMU in collaboration with National Service Scheme Units of Avadh Girl's Degree College, Lucknow organized a "Health Check-up and Nutrition Awareness Camp" for the students of Prathamik Vidhyalaya. A workshop for final year students of MBBS on 'Medicolegal issues in Sexual violence cases' was conducted on 22 August 2022 in collaboration with AALI (Association for Legal Initiatives and Advocacy Trust).

On the occasion of World AIDS Day, 1 Dec 2022, Nukkad Natak and poster presentation was carried out on awareness of HIV and AIDs among the women attending OPD at Queen's Mary Hospital. A talk on the awareness of Anemia and a skit was organized at Government Jubilee College for class X-XII students by Faculty of Obstetrics and Gynecology Department.

Samadhan Abhiyan is an NGO working on the prevention of child sexual abuse. Counselling and rehabilitation of child abuse and rape victims is done by the doctors of KGMU. Volunteers serving in this field are being trained to prevent child sexual abuse and each volunteer spreads awareness to people regarding POCSO Act.

Members of the cell are running Nivedita Sewing School where ladies are taught stitching of clothes as well as Dhanvantri Mahila Udhyamita Kendra to provide self-employment to women by making Acchar, Papad, masalas and routine snacks mainly during festive seasons.

Outreach programs for females and children in 10 adopted villages by KGMU- camps are carried out from time to time through ANM and ASHA community health workers. Awareness drives in collaboration with legal consultants, women right activists, socialists and psychologists were

organized to create awareness amongst rural women.

Health checkups for blood sugar, anemia, blood pressure and infant vaccination were organized along with oral hygiene camps helped the screening of patients having pyorrhea, gingivitis, and early child caries. During these camps basic medicines, multivitamins, sanitary pads, tooth paste and tooth brushes were distributed. Programs for the female faculty, students, and employees of KGMU include awareness on Breast cancer, ovarian and cervical cancers were conducted. Lectures on anemia and nutritional deficiency were also scheduled.

Besides these activities during the months having rain, plantation of Kadam, Bel, Mango, Ashok, Awala and other medicinal plants were done at PHC, Sarojini Nagar, Lucknow. Sanitary disposal machine has been installed at New PG Girl's hostel.

In addition to this, taking the cognizance of March 2022 Pink Think program, many initiatives were taken during 2022-23 to enhance the self-esteem of female employees of the University and affirmation on various parts were confirmed-

- Cleanliness of washrooms Hostels/ Dept/ OPD/ OT; Sanitary pad disposal facility especially in hostels; Washroom for females (OT/OPD/ Dept.); Drinking water facilities; Seating arrangement for female workers were ensured; Fixed hours or stated hours for internship duties; mentoring by Younger, understanding, and student-friendly faculty; Transportation facilities for night duty Female Employees; Creche for working employee's children; Female friendly safe environment-lighting arrangements with zero tolerance; Recreational/ fitness facilities like Gym/ Yoga sessions etc.

Faculty of Medical Sciences -Departmental Achievements

Department of Anaesthesiology - Head: Prof. G.P. Singh

Department has stated 1) Two-year Diploma course for OT Technicians and 2) Three-month Certificate course in Critical Care for nurses. Dr. GP Singh was awarded fellow of Royal College of Physician (Edinburg), Dr. Monica Kohli was awarded Fellowship of Indian College of Anaesthesiologists in ICACON on 5th November, 2022 at Chandigarh. Six books were written by faculty members namely "Clinical Pearls in Anaesthesia and Critical Care: A handbook for technicians.", "Infection prevention and control in ICU", "A Guide to Critical Care Nursing ", "Preoperative Assessment and Management in Anaesthesiology", "Prevention of ventilator Associated Pneumonia: Role of Oral Care Protocol", "Research Developments in Medicine and Medical Sciences" and "PAIN & Palliative Care". Faculty also contributed 7 book chapters.

CME on Newer Drugs in Anaesthesia (July 2022), CME on Neuropathic pain (September 2022), KGMU Anaesthesia PG Assembly-2023, CME on Chronic Low Back Pain & Minimally Invasive Pain & Spine Interventions (April 2023). BCLS & CCLS programs for training of residents and faculty were conducted on 15th & 29th May, 12th, 19th & 26th June, 3rd & 10th July and 19th August 2023.

Department organized training of Medical Officers on Emergency care services under National Health Mission, Training of medical officers for emergency management of non- communicable disease (NCD) in 2022, Training Program for Nurses in Cancer Pain and Palliative Care at Kalyan Singh Super Specialty Cancer Institute Lucknow in July 2022, IRC certified BCLS training of 314 nursing staff and doctors at Chandan Hospital in Lucknow in 2023, Basics in palliative care for paramedical and nursing students in April 2023 and Palliative Care Workshop for Paramedical student, July 2023.

Pain Unit with 3 trained faculties in Pain Management and 10 beds is managing Chronic Pain, Cancer Pain; Spine related Pain, Neuropathic and visceral Pain. During the past one year the unit has catered to an OPD of 7,248 patients, IPD / Palliative Patients 714 patients and carried out Intervention for pain management on 422 patients.

Department of Anatomy

Head: Prof Navneet Kumar

Department provides two elective courses for Phase-3-A MBBS students, titled, "Basic course in conventional karyotyping" and "Sonography Anatomy: Living Anatomy by Ultrasound" for one month. Department has started central demonstration of soft parts for undergraduate students by using Audio- visual aids. Live demonstration of dissected specimen is displayed through 8 LED monitors in the dissection hall. Faculty is using Google Class room as LMS for sharing teaching materials and assessments. It also provides special attention for identifying slow learners at the end of each module and conducts extra classes to help these students to attain required competencies. Workshops on Professional skills, Communication Skills, Yoga, stress management, time management were conducted by faculty members for MBBS 2021 batch as a part of foundation course.

Department has procured Audio video operation theatre unit- Sony PCS XG 100S With EVI H 100V SONY LED for seminar hall, SONY PCS- XG 80, Surrounding speaker Quest MS-601, Central speaker Quest MS 801, Quest engineering Amplifier model -QTA 6250, (SONY multimedia projector VPL DX 120 and Projection screen- Liberty motorized screen 6*8) for lecture hall and 8 LED TV for live display in DH.

7 Faculty members attended various courses for development and delivery of e-content like "MOOC as Teaching Learning Tool" on 23rd June 2023 organized by IQAC, KGMU, 25th National Convention on Knowledge, Library & Information Networking, organized by DELNET- Developing Library Network, New Delhi on 14th -16th December 2022, harnessing digital resources to implement SDL in new MBBS curriculum on 28th July 2023 by KGMU in collaboration with Elsevier.

Dr Punita Manik received "Anga Rachna Vaidya Ratna" award by Global Congress of Anatomist on 9th December 2022. Dr. R.K. Verma received Certificate of appreciation for securing Second position in quiz organized by Central Research Facility (core lab), SGPGI in November 2022. Dr. Sushma Tomar was awarded Fellowship in Genetic Diagnostics on completing 6-month program from Department of Biotechnology, SGPGI, Lucknow.

Fourteen publications were done by faculty members in national and international journals indexed in Scopus/Web of Science/PubMed/UGC care list A. Dr R K Verma wrote a Book Chapters titled A Cytogenetic Analysis to Document the Prevalence Autosomal Trisomy in Eastern Uttar Pradesh Region: An Observational Study and Dr Noor us Saba wrote book chapters on Neurulation and the possible etiologies of Neural Tube Defects and Types of Artificial Intelligence and Future of Artificial Intelligence in Medical Sciences.

It has Cadaveric skill lab for training postgraduate students and faculty from clinical speciality. In academic session 22-23, six workshops were organized. In August and November 2022, faculty members participated in Health Mela organized by KGMU REACH. In October 2022, to promote Body Donation Drive, Body donation camp was organized. Dr. Ashok Sahai delivered prestigious Das and Halim oration on "Mirror Neurons".

In May 2023, students of DNB, Neurosurgery from Life line hospital and research center, Azamgarh completed their Anatomy posting under an Educational MOU for the same. 4 students from Department of Anthropology, University of Lucknow completed their internship module from anatomy department. Around 60 students of MSc Medical Genetics and Genomics, University of Lucknow visited Anatomy Museum.

Department of Biochemistry

Head: Prof Kalpana Singh

To upgrade research quality the department acquired colorimeter, Milli-Q water batch, Gel Doc system and Elisa Reader. It has received NABL (Entry Level) accreditation of ICU Stat Lab Gandhi Ward [Certificate No: NABL-M(EL)T-00477 dated 06.03.2023]. Prof Kalpana Singh is serving as President ACCLMP-UP Chapter and Dr M K Ahmad as Secretary General - InSLAR. Eleven awards in various categories are bagged by the faculty and students in various categories. Prof. Hari S. Sharma, Netherlands and Prof. Thuppil Venkatesh, Bengaluru visited the department and interacted with Research Scholars of the department in September 2022. Department has received 06 extramural grants in 2022 worth Rs 273 Lacs from CST UP, DHR ICMR and ICMR New Delhi. The department organized Seminar-cum-workshop under SERB-SSR Program fostering research culture, on 15th Oct 2022. Lab Professional Week on 12th May 2023 in collaboration with Quidel Ortho team was celebrated.

An outstanding social outreach activity was done in the department of Biochemistry. A one day seminar-cum-workshop was organised on 15th October 2022 for 30 students from different disciplines and different colleges, including KGMU, Era University, Integral University, State Ayurvedic College and Unity College, Lucknow. This program was organised as part of Scientific Social Responsibility (SSR) of Science and Engineering Research Board (SERB), Project of Govt of India under the Principal Investigator, Dr. Gyanendra Kumar Sonkar, Additional Professor. The aim of the workshop was to promote science and research for young budding minds.

Department of Cardiology

Head: Prof S K Dwivedi

Dr Akshya Pradhan received Fellow, Indian Society of Chrono-Medicine in Jan 2023 by Indian Society of Chronomedicine. Dr Monika Bhandari received Fellow of Society for Cardiovascular Angiography & Interventions in June 2023, by Society for Cardiovascular Angiography & Interventions and Fellow of American College of Cardiology in March 2023 by American College of Cardiology. The department has published 20 publications in high indexed national and international journals. Dr. Gaurav Choudhary, authored "Advance in medical management of heart failure, CSI Cardiology update 2023" and Dr. Sharad Chandra, authored "Advance in medical management of heart failure, CSI Cardiology update 2023". The department is actively steering a functional MOU of KGMU with IIT & DEPARTMENT OF BIOTECHNOLOGY under the leadership of Professor Rishi Sethi. Nine SiB Shine fellows from IIT Kanpur have joined the program.

Department acquired ViewSonic LCD infrared optical interactive panels & accessories (01) for Cath Lab and Smart TV with Projector (01) for enhancing teaching learning experiences. To improve patient care Automatic Chest Compressor, Optical Coherence Tomography machine and Digital Rota-ablation System was procured.

August 2022, Masters Class for Postgraduate Students was organized in which around 50 DM cardiology students participated.

Dr. Giulio Galvani, Professor Galeazzi-Sant' Ambrogio Hospital IRCCS, Milan (Italy), collaborated for organizing Optical Coherence Tomography (OCT) workshop.

Dr. Ulhas Pandurangi, Professor, Madras Medical Mission Hospital, Mogappair, Chennai visited department for Conduction System Pacing workshop. Dr. Avinash Verma, consultant Electrophysiology Fortis New Delhi India visited department during LBBB area Pacing workshop.

Department of Cardio Vascular Thoracic Surgery (CVTS)

Head: Prof Shailendra Kumar

Dr. Kumar Rahul, Received MRCS in April 2023 by Royal College of Physicians & Surgeons, Glasgow. Department published 4 research articles. Perfusion technology Students from SGPGI, Lucknow completed their Rotating Internship. Department acquired Heart Lung Machine, Anaesthesia Station and Video Laryngoscope for better patient care.

Department of Clinical Haematology

Head: Prof S P Verma

First batch of three students joined DM in 2022. Dr S P Verma was awarded with MAMS

Department of Clinical Immunology & Rheumatology

Head: Prof Urmila Dhakad

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 equipment and procured DAYCARE 4 beds, and Infrared Thermography Camera and also started CTD Clinic and Lupus Anticoagulant test.

Department of Community Medicine and Public Health

Head: Prof. Monika Agarwal

The Department of Community Medicine & Public Health introduced one elective course related to basics of study design, sample calculation and basics of scientific literature. Dr S K Singh won a fellowship of the Indian Society of Chrono-Medicine and the residents won awards in the oral and poster competition at IAPSM. Fourteen research papers were published by the department faculty and Dr. O.P. Singh wrote a book on Disadvantaged Children in India Perspective, Issues and their rehabilitation. A large number of health related awareness programme were conducted in the community. A Health checkup was done for the employees of Hindustan Petroleum Corporation Limited and a plantation drive organized with their collaboration.

Dr. Monika Agarwal and Dr. S K Singh were nominated as editor and Chief Editor of Indian Journal of Community Health. The department started the Family Adoption programme in 2022-2023 in which 500 students were involved in education the families and for helping them in creating awareness for their health related issues. The department runs two programs with UNICEF for strengthening implementation of state nutrition mission in Uttar Pradesh and concurrent monitoring of EVM and strengthening of supportive supervision in HBNC program in Uttar Pradesh-RCH Program. Various training programs for professional were also conducted. Eg. SAANS training, HSS training and NBSU training. The department added the new SAM clinic and NCD clinic facilities this year. A quiz competition was conducted for interns, on the occasion of National Nutrition week on 7th September

2022 and poster competition organised among junior residents, interns, and nursing students on the occasion of World Health Day on 8th April 2023. Workshops organized were Assessing validity and reliability of questionnaire and Workshop on STATA.

Many eminent visitors visited the PHC at Sarojini Nagar, Priyanka Chopra as Goodwill ambassador, UNICEF, Dr Rajeshwar Singh ji and Dr. Lily Singh. NAAC team also visited the PHC center.

Department of Critical Care Medicine

Head: Prof Avinash Agarwal

The Department of Critical Care Medicine runs a 1-year post-doctoral certificate course in critical care medicine with a yearly intake of 6 students. It conducts the Indian Diploma in Critical Care Medicine (IDCCM), Post-MBBS Certificate Course, and Indian Diploma in Critical Care Nursing (IDCCN), with an annual intake of 2, 2, and 4, respectively, accredited by the Indian Society of Critical Care Medicine. Since 2022, DM in CCM has also started with five seats. Two seats in the PDCC in Neurocritical care have been approved by the academic council. Two students are pursuing PhDs. The department provides one-month elective postings to DM cardiology and MS General Surgery students. One new ViewSonic Interactive Board and an e-podium has been installed in the department. For patient care, department has procured HemoSphere monitor, ABG, TEG, PCT and ACT machines.

Dr. Avinash Agarwal received the prestigious Fellowship of the Royal College of Physicians of Edinburgh in October 2022. He is also serving as Chairman of Specifications and Standardization committee of UP since June 2021.

This year, 351 new patients were admitted, with ICU survival rates of 67.7%. Since 2022, the department has established a separate personalized medicine unit to provide world-class treatment to people with high quality laboratory support and make facilities available for the underprivileged in society.

Centre for Advance Research

Head: Prof Vimala Venkatesh

The department conducts high-quality research projects, PhD and postdoctoral training programs. Dr. Nitu Nigam won the International Scientist Award 2022 on Engineering Science and Medicine (Women Researcher Award) and best paper award for "Measuring impact of covid-19 pandemic at a teaching hospital in north India" at ISSN-IIRA. Prof. Shailendra Saxena received a Certificate of recognition for the Top-Cited Article "Recombinant vaccines for COVID-19" and Certificate of recognition for the Most-Cited Paper "Multi-organ involvement in COVID-19: Beyond Pulmonary Manifestations". He also got the National Indian Virological Society Travel Fellowship Award to attend WSV2023 on "One Health - One World - One Virology" during June 15 - 17, 2023 at Rīga Stradiņš University. Prof. Shailendra Saxena is the Editor-in-chief of Virus Disease.

The department began an elective course in Cytogenetics and Medical Genetics to enable the medical students to understand the importance of genetics in our daily life. 29 research publications were published by the faculty. Dr. Ashutosh Srivastava published a chapter titled role of miRNA in Glioma Pathogenesis, Diagnosis, and Therapeutic Outcomes, June 2023, In book: Molecular Biology and Treatment Strategies for Gliomas. Two patents were filed related to biomarkers of Obstructive sleep apnoea.

Department of Dermatology Venereology Leprosy

Head: Prof Swastika Suvirya

Dr. Swastika Suvirya received the IAL Cash Scholarship for ILC 2022 in November 2022 at the International Leprosy Congress- India. She also wrote three chapters in Textbook of immune-bullous disorders, cosmetic toxicity and book on Dermatology MCQs. Four research papers were published by the faculty of the department. Dr. Parul Verma organized the Dermatopathology CME in December 2022.

Department of Emergency Medicine

Head: Prof Haider Abbas

The department started one elective course in Life Saving Emergency Skills for MBBS students. The department has also started its postgraduation course in 2022 with a batch of five MD students. New TL equipment has been installed in the department. Dr. Haider Abbas received Diploma of Fellowship from Royal College of Physicians and Surgeons of Glasgow and Edinburgh. He also received the Teacher of the Year from American College of Physician India Chapter. The department organized webinars on "Evolution of Emergency Medicine in India and West" and on current updates in Emergency Medicine. Five research papers were published by the departmental faculty. Dr. Abbas published a guide to Infection Prevention and Control. The department as part of outreach activities conducted a Workshop on medical emergencies at IMA bhavan. The department got the project INTRINSIC Trial (Indian Trial of Tranexamic Acid in Spontaneous Intracerebral Haemorrhage) from ICMR. Workshops on Resuscitative Emergency Medicine workshop, Basics of Mechanical Ventilation and on Respiratory Therapy were held.

Department of Endocrine Surgery

Head: Prof Anand Kumar Mishra

The department started electives in Evaluation of patient with goiter and Benign and malignant breast lump evaluation for the undergraduate students. Dr Anand Mishra gave the Prof BR Parekh Memorial Oration and Dr. S.C. Mishra oration this year at the MP Chapter and U.P chapter of the Association of Surgeons of India, respectively. Dr. Pooja Ramakant was awarded the Fellow of the International Surgical Society and Fellow of Royal College of Surgeons, Glasgow. Twenty research articles were published by the department faculty. The department has a robust Support group for Breast Cancer survivors and their care givers. The Lymphedema treatment facility (Manual compressive therapy) was added to the department in 2022. The department organized a KGMU Breast Update 2022 in September 2022. Dr. Anand Mishra authored the book Case Studies in Thyroid and Parathyroid Tumors and Dr. Anand Mishra and Dr. Kulranjan edited the book "Endocrine surgery: A South Asian Perspective."

Department of Forensic Medicine & Toxicology

Head: Prof Anoop Verma

The department began elective courses in Clinical Toxicology, Crime Scene investigation/Medicolegal Autopsy and Clinical Ethics. Six MD seats were increased this year. Dr. Anoop Verma and Dr. Shuili received the award for organizing the Best scientific event on Toxicology-2022. A Symposium on Emergency preparedness & Response to Chemical, Biological, Radiological, Nuclear (CBRN) Events organized in May 2023. Eighteen papers were published by the department faculty. Dr. Sangeeta Kumari was the subeditor of IST's Pocketbook of Poisoning protocols and Dr. Anushu Priya authored the book "Advanced forensic Biotechnology: Molecular approaches for Forensic body fluid identification". The department organized a Dissection competition and BMW Management training for PG students' departmental staff, and Mortuary staff. The department has a MOU externship and rotatory posting and Comprehensive Training to Forensic Medicine & Toxicology of DNB candidates as per NBE curriculum.

Department of Geriatric Mental Health

Head: Prof Shrikant Srivastava

Geriatric Wellness Clinic - a unique program started for ease of referral of elder patients in the main OPD building. NMC inspection was conducted in August 2022 for recognition of increase number of seats in DM Geriatric Mental Health. Dr Shrikant Srivastava is member of editorial boards of Journal of Geriatric Mental Health and Psychiatry Research. He is also serving as Executive Committees Member of Indian Association of Geriatric Mental Health. Dr Rakesh Kumar Tripathi is editorial Board Member of Journal of Gerontology and Geriatric Research and member of review committee of Polish Psychological Bulletin. Dr Mani Pandey is member editorial Board of Annals of Geriatric Education and Medical Sciences and Journal of Aging and Gerontology. PG student bagged Certificate of appreciation and 2nd prize for the poster in the 9th World Congress of Asian Psychiatry, Hyderabad on 18th Sept, 2022. Professor Girishwar Mishra, Renowned Psychologist in the world and Former Vice Chancellor, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha visited the department.

Department of Hospital Administration

Head: Prof Nitin Dutt Bhardwaj

Dr. Nitin Bharadwaj published a paper on Way to finding systems in a Tertiary care Government Hospital. The department organized Guest lectures on Organizational Behaviour and Healthcare Financing.

Department of Medical Gastroenterology

Head: Prof Sumit Rungta

The department gained recognition through the approval of five seats for the DM Gastroenterology course which has been approved by NMC. The introduction of cutting-edge technologies, including fibroscan, Esophageal and Ano-rectal Manometry, and impedance/pH metry, reflects the department's dedication to staying at the forefront of medical innovation. The department secured an extramural project grant funded by CST-UP, highlighting its commitment to advancing research in the field. In a proactive move towards improving patient care, the department has extended OPD

days from twice weekly to four days a week.

The department organized a 3-day teaching and training program for State medical officers on the diagnosis and management of viral hepatitis in the first week of March 2023, and another session in the last week of March 2023. Additionally, the department played a pivotal role in organizing the UPIGCON 2023 conference.

Dr. Sumit Rungta was appointed as a member of CDSCO (Central Drugs Standard Control Organization) New Drugs Division and Subject Expert Committees (SECS), and DMS of GMAH. The department actively engaged in various social outreach activities to raise awareness about Hepatitis B, Hepatitis C and other viral hepatitis.

Department of Medical Oncology

Head: Dr Esha Jafa

The Department of Medical Oncology started in 2021. The Department has catered to 20000 patient visits in OPD and 6000 IPD admissions from the day of its inception. Chemotherapy, targeted therapy, and immunotherapy are currently being offered to adults and children with cancer for a wide range of malignancy sites ranging from the brain to the extremities. The department has actively participated in tumor boards held in KGMU. We plan to expand department and start DM in Medical Oncology and PhD program and the inclusion of the state-of-the-art unit for cellular therapy and bone marrow transplant. There has been 1 publication in the last academic year in an indexed journal.

Department of Medicine

Head: Prof Virendra Atam

Dr. Kauser Usman received award for Medical Excellence by HTDC, Dr. S.C. Chaudhary and Dr. K.K.Sawalani received Fellowship of Indian society of Hypertension and IMA-AMS. Dr. Deepak Bhagchandani won the Most Popular Teacher Award while Dr. Satish Kumar got the Fellowship of Indian society of Chrono medicine and Indian society of Hypertension. Dr. Mahak Lamba and Dr. Amit Kumar also received the Fellowship of Indian Society of Hypertension. Dr. K.K. Sawlani is the Chairman of Association of Physicians of India UP Chapter 2022-2023. Dr V. Atam is the Member of Editorial Board, Journal of Internal Medicine of India (JIMI). Fifteen MD seats for postgraduation in Medicine were increased. The department of Medicine was recognized as ART Plus Centre from NACO, MoHFW, Govt. of India, -Regional Geriatric Centre under NPHCE, Govt. of India and as a Satellite centre for National Clinical Registry for COVID-19.

Fifty-seven articles were published by the department faculty. Dr. M.L.Patel was sanctioned an extramural project "Evaluation of the urinary and serum biomarkers for acute kidney injury in patients admitted to the intensive care unit at the tertiary care centre" and Dr. Mahak Lamba was sanctioned an intramural project, "A study of compare diagnostic performance of Galectin-3 (A novel biomarker) and NT-pro BNP (An established biomarker) for cardiac dysfunction in patients with chronic liver disease". The department celebrated API-UPI Chapter, Awareness programme on physician day in December 2022, Kidney health day, World tuberculosis day and World HTN day.

Department of Microbiology

Head: Prof Amita Jain

The Department offered 3-4 weeks electives on Sexually Transmitted Infections, HIV Medicine, Mycobacteriology, Viral Hepatitis, and Dermatophyte Infections to undergraduate and postgraduate students. The department has successfully integrated value-added courses into the existing curriculum, providing students with specialized training in Hospital Infection and Control (HICC), Central Sterile Supply Department (CSSD), and mentorship programs for both undergraduate (UG) and postgraduate (PG) students. It has introduced innovative methods of teaching and learning, including the Flipped Classroom Model, Project-Based Learning (PBL), Gamification, Virtual and Augmented Reality (VR/AR), Adaptive Learning Platforms, Peer Assessment, and Interactive Whiteboards. The department has adopted measurable criteria for student assessment. It employs standardized test scores, class assessments, and teacher evaluations to identify low performers and advanced learners.

Department of Microbiology is equipped with a Clinical Skills Laboratory and Simulation-Based Learning facility for both undergraduate and postgraduate students and Structured programs are conducted for student training and assessment, ensuring comprehensive skill development.

Faculty members from the Department of Microbiology have received prestigious awards and recognitions, including the Vishwa Gaurav Samman, Stanford University's 2% Global Scientists acknowledgment, Fellow of the Indian Association of Biological Sciences, Covid Warrior Award, UP Today Milestone Achievers Award, TED TALK recognition, Infection Prevention & Control Olympiad-2022, Certificate of Appreciation for Community Extension Activities, Health Hero Award and Best Laboratory of KGMU 2022. These accolades span national and international spheres, reflecting the faculty's outstanding contributions in their respective fields.

Reference Laboratories and Research Centres for Viral diseases, Tuberculosis, HIV and ICTC lab, Bacterial & Fungal Diseases holds the esteemed status supported by ICMR, DHR, NHM, WHO, CDC, etc. Pioneering initiatives, including the Virus Research and Diagnostic Laboratory (PM ABHIM), mark the department as one of the first four in India. Additionally, the department actively contributes to national efforts through projects such as Capacity Building for Hospital Infection Control, Antimicrobial Resistance Surveillance, the National Viral Hepatitis Control Program, and the establishment of a network of research laboratories for epidemic and calamity management. These endeavours position the department as a key player in long-term public health initiatives, addressing critical challenges in infectious diseases and health surveillance.

The department proudly holds 100% concordant EQAS results. Recognized as the Best Department for three consecutive years (2020-2022) at KGMU, the department consistently sets the standard for excellence. Achieving accreditation under NABL-ISO 15189:2012 underscores the department's dedication to maintaining the highest standards in laboratory practices. Participation and outstanding results in External Quality Assurance Programs with prestigious institutions such as IAMM, NIV Pune, CMC Vellore, and PGI Chandigarh highlight the department's commitment to excellence. The department's outreach programs extend beyond traditional realms, actively engaging with communities to enhance health awareness and empower the underserved. With over 40 research publications annually, two published books, and a dedicated annual newsletter, the department consistently contributes to the academic literature. Active participation in the Annual KGMU Infection Control & Prevention Manual and handling a substantial patient load showcases the department's commitment to patient well-being. The department's involvement in a myriad of extracurricular activities, including workshops, seminars, and publications, reflects a holistic approach to education and engagement.

Department of Nephrology

Head: Prof Vishwajeet Singh

The Nephrology department started functioning in 2015. The department has a total of 6 dialysis machines dedicated especially to positive patients (HIV / Hep B / HCV). At present, it can run 22 dialysis machines around the clock for general patients as well. However, the most notable development in 2022 has been the initiation of renal transplantation services in November 2022, marking a significant leap forward. The successful execution of both cadaveric and live-related renal transplantations has resulted in a total of 5 completed cases. We have also initiated the Continuous Ambulatory Peritoneal Dialysis (CAPD) program, providing an alternative dialysis option for eligible patients.

We perform Renal Biopsies, Internal Jugular Vein Catheter insertion, Tunnelled catheter insertion, etc. The number has increased from 100 in 2017 to 258 in 2022. The demand for our services is evident in the Inpatient Department (IPD) statistics, with the number of patients exceeding 11,000 in 2022.

Dr. Vishwajeet Singh was appointed as Council Member of NZUSI 2021-2023, and Council Member of UAU 2021-2023. Dr. Medhavi Gautam received the prestigious Glomcon Fellowship Award in 2023. Dr. Durgesh Pushkar presented a paper at an International Nephrology Conference (World Congress of Nephrology) in October 2023. Our junior residents Dr. Jai Prakash got selected in Civil Services. Six research Papers published by faculty members from 1st Jan 2022 - 31st December 2022.

Department of Neurology

Head: Prof Ravindra Kumar Garg

The department has made significant advancements, including the addition of a new handheld EMG device, the Dantec Clavis, to aid in EMG-guided botulinum treatments for movement disorders. The department has also gained recognition through the approval of two additional seats for the DM Neurology program by the NMC, bringing the total to ten. Prominent faculty members like Dr. R.K. Garg and Dr. Neeraj Kumar have taken on significant roles in national and international institutes, while Dr. Rajesh Verma and Dr. Hardeep Singh Malhotra have also secured positions in esteemed neuroscience societies and editorial boards. Dr. Verma has been honoured with a fellowship from the American Academy of Neurology and memberships in multiple professional organizations, even being listed among the top 2% of scientists worldwide in a Stanford University ranking. Dr. Verma completed a Certificate course in Health Care Management by DPU. Department hosted notable guest lectures, such as the one on stroke by Dr. Tushar Raut from Kokilaben Dhirubhai Ambani Hospital And Medical Research Institute, Mumbai.

Department published five significant research papers in esteemed journals, covering topics from immune dysregulation in neurological disorders to the genetic aspects of Guillain-Barré Syndrome. Dr. Rajesh Verma contributed to the literature with a book on headaches and chapters on the Internet of Things. The department organized a plenary talk on systematic reviews and held a session on NeuroEthics, reflecting its commitment to continued education and ethical practice. Additionally, faculty members led social outreach activities, with Dr. Praveen Kumar Sharma focusing on stroke awareness and Dr. Shweta Pandey on movement disorders.

Department of Neurosurgery

Head: Prof BK Ojha

Department of Neurosurgery started simulation-based learning for MCh students by establishing Neurosurgery Microscopic vascular anastomosis and Endoscopic skill lab. The department also added a smart screen LED video and Audio system for enhanced student learning.

The department added a neurosurgical armamentarium costing Rs five crore this year. Operating Microscope, Neuro drill systems, and intraoperative neuromonitoring systems enhanced surgical facilities for the patients.

Nine original articles in various national and international indexed journals along with two book chapters were published during this period.

Department in 2023 organized a Live Operative workshop and CME on Epilepsy surgery which was presided over by leading epilepsy surgeons and epileptologists from the country and was well attended by over 50 neurosurgeons. An Endoscopic spine cadaveric workshop was also organised with over 20 delegates participating in it.

The department also contributed to spreading public awareness about the perils of Head Injury by imparting a series of lectures to school students on World Head Injury Awareness Day. We also organized the 2nd Annual Interschool Art and Quiz Competition on the Head Injury theme with over 100 school students participating in it.

Department of Obstetrics & Gynaecology

Head: Prof S P Jaiswar

A smart board was installed for teaching and training, new high-end ultrasound machines were installed and a laser machine was installed for better management of women with endometriosis and vulval problems. A new minor OT was constructed and inaugurated, and a hereditary genital cancer clinic was started.

The department is a centre of excellence for adolescent health care through NHM, and also for the RRTC program.

There were 46 publications from the department, and departmental faculty were involved in revision of RRTC training modules, and development of modules for training in Gynaecological cancers for medical officers.

The department conducted the Elective course for UG/PG students in year 2023 namely, Reproductive Medicine, Gynae Oncology and Fetal Medicine. The department also conducted Value-added courses for residents with 15 or more contact hours added in existing curriculum like comprehensive abortion care, laparoscopic ligation and postpartum minilap ligation courses.

Innovations introduced in teaching and learning included Doctor learner method & logbook implementation for UGs, interdepartmental teaching and orientation course for 1st year PGs. Clinical Skills Laboratory and Simulation-Based Learning facility were further improved and used regularly for both UG & PG teaching.

The departmental Faculty attended courses for development and delivery of e-content such as Advanced course in medical education, MOOC course, TOT on medical abortion, MTOT-Subdermal single Rod Contraceptive implant, Master trainer of Respectful Abortion care training 2022-FOGSI DHEERA & WHO/2022, Master Trainer of Screening and Treatment of Cervical cancer and

prevention by MOHF & UP. Govt., Master trainer of State level training of Biomedical Waste management & infection control sponsored by NHM, Regional Resource training Center (RRTC) KGMU/ IHAT TOT, "Medical Methods of Abortion Training of Trainers (TOT)" by State Innovations in Family Planning Services Project Agency.

Dr S P Jaiswar was Awarded Prestigious FOGSI Appreciation award, Stambh Award, Sashakt mahila samman , Appreciation Award by Cancer Aid Society & Aldaa Foundation and "Manav Ratna" samman Award. Prof Anjoo Agarwal was awarded Dr Meera Agnihotri Oration at UPCON 2023. Prof. Nisha Singh, Prof Rekha Sachan, Prof Sujata, Prof Sankhwar, Dr Renu, Dr Mona, Dr Monika, Dr Vandana received various appreciation awards.

Extension and outreach activities were actively conducted by the department including activities on various national and international days, awareness programs and television and radio programs, and activities at periphery with different schools and societies. The activities include Na na anaemia program, Cervical cancer awareness month celebration, Cervical cancer screening camp, Biomedical waste management and infection prevention and health and hygiene Strengthening capacities and demonstrating best practices in BMW management in District Hospital Raebareli, Public awareness program on world breast feeding week, Menopause and Andropause: Break The silence at workplace, Awareness program in NEW UG hostel on Ovarian Cancer and Self Breast Examination on the eve of World Ovarian Cancer Day, Awareness Program on Menstrual Hygiene Day in Gynae OPD, Nukkad Natak on awareness on menstrual hygiene by Nursing students and sanitary napkin distribution to adolescent girls and females, lecture on Adolescent Health to MBBS 4th year students in Adolescent Clinic, KGMU, Lucknow, lecture on Mental Health to B.Sc Nursing students of Samarpan Institute of Nursing and Paramedical Science in Adolescent Clinic, KGMU, Lucknow, Awareness Programme on Adult Vaccination for the nursing students

The collaborative activities of the department for research, faculty exchange, student exchange includes collaboration with CDRI, Lucknow, Pregna International Ltd, BMGF through UPTSU, ICMR and WHO.

Capability enhancement workshop and activities for students conducted by Department are Workshop on Doctor patient relationship and anger management, BMW Training, Infection prevention training, Skill workshop in Colour Doppler in Obstetrics for postgraduates, Skill Workshop for postgraduates in USG in Gynaecology and Infertility.

Among the international / other state /Institutions students visiting the Department for Observer-ship 2 student per year come from Fatima hospital, Lucknow, various medical officers come for training in PCPNDT, CEMONC, Lap ligation and abortion care.

Department is proud to report the award for sports (Bronze Medal) in National swimming competition-2022 by Dr Rashi Rastogi JR-2.

Conferences & Workshops organized by the department include Fetal Medicine workshop, 29th Annual AGOICON, Nursing Oncology workshop, GOLF, Skill Workshop for postgraduates in USG in Gynaecology and infertility", Skill Workshop in "Role of colour doppler in Obst gynaecology", Certificate course on "Ultrasound in High risk pregnancy" . The department received award for Best OT by BMWUED, KGMU.

Department of Orthopaedic Surgery

Head: Prof Ashish Srivastava

Department has successfully organised three cadaveric workshops in association with Dept of Anatomy (KGMU Pelvi-acetabular CME and cadaveric workshop, Spine Conclave and cadaveric workshop and Arthroscopy Conclave and cadaveric knee and Shoulder arthroscopic workshop) and one instructional course (Post-graduate instructional course lecture).

The department has published 34 indexed publications in various international and national journals. Dr Narendra Kushwaha was awarded the International Travelling Fellowship in joint replacement, APAS International Fellowship, Australia, published book in Springer –A guide to musculoskeletal Radiology; Dr Kumar Shantanu- was awarded the Yuva mentor fellowship by the Indian Orthopaedic Association and ISKSAA Arthroscopy Travelling fellowship, Dr Shah Waliullah-awarded with the AO Spine International fellowship, UPOA international fellowship and Indian Orthopaedic Association senior Professor fellowship, Dr Shailendra –awarded MNAMS, Dr Deepak-awarded IOA Senior Fellowship, Dr Dharmendra- awarded ISKSAA-BASK Fellowship, UPOA Travelling Fellowship, awarded MNAMS, Dr Devarshi Rastogi- awarded with Indian Orthopaedic Association senior fellowship and UPOA visiting fellowship, Dr Sanjeev Kumar- awarded MANMS,FIMSA, Lucknow-Pune Exchange Fellowship, Dr Mayank Mahendra- awarded with SICOT fellowship, Fellowship at Budapest, Hungary, Dr Arpit Singh – awarded with IOA Yuva Mentor Fellowship, the Indian Arthroplasty Association National Fellowship, Dr Ravindra Mohan - the Yuva mentor fellowship by the Indian Orthopaedic Association.

The department has made significant improvements in patient care in emergency care as well as in elective patient care. The number of Complex pelvic acetabular poly-trauma surgeries has increased and successfully managed in the department, bringing down significant morbidity and mortality in trauma patients. Patients are getting benefits from the department's facilities for complex spine deformity correction and revision joint replacement surgeries.

Department of Ophthalmology

Head: Prof Apjit Kaur

Elective courses cover subjective and objective refraction, and a surgical skills lab facilitates practice in procedures like incision making and phacoemulsification. Special programs are offered for slow learners, including continuous formative assessment, personalized feedback, and additional teaching sessions. The department is equipped with an auditorium for educational purposes. Faculty members have received awards and grants, showcasing their recognition in the field. The faculty has also published research papers on various topics in reputable journals. Outreach programs, including visits to Devalaya Nethra Chikitsalay and RHTC Banthra, are conducted regularly. The department actively participates in the National Programme for Control of Blindness, providing subsidized or free surgeries. Collaborative research activities with various agencies cover topics such as eyelid and ocular surface tumors, glaucoma, and diabetic retinopathy. New facilities like the OCT machine, Pentacam, and Microscopes have been added. Notable events of the year included the M.K. Mehra Oration. The department has organized programs like orientation, induction, workshops, and courses. Various faculty development programs have been attended, contributing to the overall growth and expertise of the faculty.

The department has received recognition for establishing an Advanced Diabetic Retinopathy Centre and integrating the ICO Curriculum for Post Graduate Students, highlighting its commitment to excellence in ophthalmology education and research.

Department of Otorhinolaryngology and Head Neck Surgery

Head: Prof. Anupam Mishra

The department offered elective courses on Hearing Assessment, Vertigo and Voice disorders to 28 MBBS students of 2019 batch. Six publications were done by the faculty members. The department has two functional MOUs with All India Institute of Speech and Hearing, Mysuru since Aug 2017: New Borne screening Programme and DHLS.

Department of Pathology

Head: Prof US Singh

The Department of Pathology introduced 5 electives in the academic year, namely Immunohistochemistry, Diagnostic Cytopathology, Immunoassay diagnostics in Endocrine Disorder, Electron microscopy, Haematology. Prof. Wahid Ali, won Best Poster award in Preclinical category, Research Showcase, KGMU, Lucknow. Dr. Preeti Agarwal won Dr. H. C. Roy Pathologist of the year Award and Eminence in Research Award and Dr. Sanjay Mishra Certificate for contribution in health services in UP (Medical excellence award). Junior residents also participated in various competitions and won prizes.

The department organized Basics of Dermatopathology: Workshop cum CME, 110th Foundation Day and Pathology Annual Oration. Guest lectures on "Role of Molecular Diagnostics in Hematological Disorders"; Pathology Skill Share series by Dr Arun K Arunachalam; Endometrial carcinoma transitioning: from morphology to molecular diagnosis: Pathology Skill Share series by Dr Divya Midha (TMC, Kolkata) and Diagnostic Thyroid Pathology: Workshop, to name a few.

There were a total 36 research papers published by the department faculty. There were 4 books published by the faculty. Prof. Wahid Ali wrote a book on Novel therapeutic Approaches Targeting Oxidative Stress; Dr. Preeti Agarwal wrote a book on Endocrine Surgery; Dr. Shivanjali Raghuvanshi wrote a book on Malignant Peripheral Nerve Sheath Tumor in Parotid Gland and Dr Geeta Yadav wrote a book on Perspective of recent advances in medical research. The department faculty participated in various social outreach activities such as Radio talk shows, talk on Doordarshan and participation in Voluntary Blood donation.

The department started digital lab for students and established Stat labs in Dept. of Obstetrics & Gynaecology (Queen Mary Hospital) & Lari Cardiology for all clinical pathology investigations. It also initiated online report delivery by HIS and through text message to the patient's mobile number. We procured new antibodies in IHC panel (MSI Panel), KRAS PCR added, HPV PCR, One floor model tissue processor, 2 fully automated microtomes, Real Time PCR Machine. An State of Art Coagulation Lab was inaugurated in January 2023.

Four students from SGPGI, Lucknow visited department for learning histopathology cases. Prof. Rashmi Kushwaha won 1000 km finishers award for the Brain Challenge, 2023 by Indian Academy of Neurology.

Department of Pediatrics

Head: Prof Mala Kumar

The department introduced 3 electives namely neonatology elective, Budding Pediatric Intensivist elective and Growth and development elective. Dr Shalini Tripathi, Dr Harkirat Kaur attended NEOPOCUS course for neonatal bedside ultrasonography & echo-cardiography; Dr Arpita attended Med-E-classes-Fellowship in Pediatric Endocrinology-A hybrid on-site and online training in Pediatric Endocrinology and Harnessing Digital Resources to Implement Self Directed Learning in New MBBS Curriculum; Dr Areesha Alam attended Harnessing Digital Resources to Implement Self Directed Learning in new MBBS Curriculum; Dr Neeraj Anand attended a Workshop on effective assessment in medical education. Dr Shally Awasthi was ranked amongst the top 2% Scientists in World at Stanford ranking, Dr Mala Kumar was Nominated as President of UP NNF, Dr. Sarika Gupta and Dr Shalini Tripathi was awarded National academy of Medical sciences (NAMS) membership; Dr Sarika Gupta was awarded second prize in oral presentation "TB & other chest infection" category; Dr Sciddhartha Koonwar was Selected as ACLS instructor for AHA; Dr Pragati Jha, UG (Under mentorship of Dr Shalini Tripathi) won prestigious IAP- ICP Research Grant 2023 (awarded to only 10 student Pan India); Dr Anjali Barua, PG (Under mentorship of Dr Arpita) prestigious IAP- ICP Research Grant 2023 (awarded to only 4 student Pan India); Dr Sanjeev Verma was awarded Pediatric Gastroenterology (IBD) fellowship, University of Otago, Christchurch, New Zealand; Dr Neeraj Anand received the Critical Care fellowship. Dr Shally Awasthi was involved in collaborative research with WHO collaborative research Centre for Primary Immunodeficiency disorders; department had collaborative research with Central Government Centre of excellence for paediatric TB, and ICMR WHO Birth defect Surveillance. The department published a total of 50 publications, and 8 books by various faculty. The department conducted a total Of 33 social activities, and 2 health camps. There are 19 ongoing collaborative researchers being run with various institutes and professional bodies.

Department of Paediatric Orthopaedics

Head: Prof. Vikas Verma

The Department started an elective on Paediatric Orthopaedics in the academic year, and also started MCh in Paediatric Orthopaedics. The department published 7 research publications. Dr Vikas Verma wrote a book chapter in BD Chaurasia's Human Anatomy, Volume 1-4; published by CBS PUBLISHERS. Department runs collaborative research with Cure International India Trust, New Delhi for "KGMU- CURE CLUBFOOT SKILL LAB": Plan for "Virtual Augmented Reality System" for training. To upgrade the skills and patient care, the department procured Battery Operated Hand Drill and Battery Operated Hand Drill.

Contributing to the social awareness, the department celebrated World Clubfoot Day on 3rd June 2023, Awareness Talk on "Bone Health in Children" on the occasion of Bone & Joint Day 04-08-2023 and Awareness lecture on "Healthy Bone of Childhood leads to healthy adults" on World Paediatric Bone & Joint Day on 19-10-2022. Many postgraduate students represented the department in various events and conferences and won accolades.

Department of Paediatric Surgery

Head: Prof Jiledar Rawat

The department started a 28 day module on "An approach to a case of anorectal malformation" in the academic year. There were a total of 5 publications in various journals by the faculty. Dr Anand Pandey received the Best paper award by Society of Paediatric Urology. The department faculty actively attended and presented papers at various national and international platforms, and attained memberships of various societies like American College of Surgeons.

The department conducted social programs on "Awareness for accidents in paediatric population" and "Awareness for faecal and urinary incontinence in children". Department procured Anaesthesia work station, Cystoscopy set, laparoscopy set, High performance ultrasonic surgical system and a Portable Xray machine.

Department of Pharmacology & Therapeutics

Head: Prof Amod Kumar Sachan

The department of pharmacology initiated 2 electives namely Pharmacovigilance and Pre-Clinical Research, Drug Discovery and Development. Dr. Rajendra Nath received the VDGGOOD Lifetime Achievement Award; Dr.Suyog Sindhu conducted Pre-conference workshop "Preparing students & faculty for Self-Directed Learning."; Symposium on "Drug Discovery and Development - Current Scenario; Training of faculty in Medical Education; Webinar on "Role of Artificial Intelligence in Drug Discovery and Development and was invited speaker for "Inter-professional education and collaborative practices. Dr.Suyog Sindhu received FAIMER Fellowship from M-FILIFE, Manipal. The department had a total of 12 publications, 15 conference proceedings abstracted and 2 faculty members published books, namely Dr. Rakesh Kumar Dixit wrote a book on Essence of Medical Education and Dr. Rajendra Nath wrote a book on Omega-3 fatty acid as a protectant in lead-induced neurotoxicity.

The department procured a Smart TV in PGLT. Dr. Sarvesh Singh and Dr. Rahul Kumar received Life membership of Epidemiology Foundation of India. The department also conducted a Webinar on the topic "Introduction to Indegene and Role of Medical Professionals in pharmaceutical/Healthcare Industry".

Department of Physical Medicine and Rehabilitation

Head: Prof Anil Kumar Gupta

Dr. AK Gupta is the "subject-expert" in the standing selection committees of AIIMS, UPPSC, UKPSC. Dr. Dileep Kumar is "subject-expert" in the recruitment of workshop supervisor, Shakuntala Misra Rehabilitation University Lucknow. Dr Sudhir R Mishra completed certificate course in essentials of palliative care (CEPC) conducted by IAPC and participated as a resource person at Composite Regional Centre (CRC)-Lucknow (PDUNIPPD, DEPwD, Ministry of Social Justice & Empowerment, Govt. of India and BBAU, Lucknow and Participated as Faculty at 1st KGMU Post Graduate Instruction Course (PGICL). Award of Best poster presentation by was awarded to Junior Resident (Dr. Deepak K) at IAPMR National Conference at New Delhi. Dr. S. L. Yadav, Professor, Department of PMR, AIIMS, New Delhi, and Dr. Suman Badhal, Professor, Department of PMR, VMMC and Safdarjung Hospital, New Delhi visited the department for academic activity. Three social outreach activities with NGOs (Lions Club and Kabir Shanti Mission (Lucknow) for distribution of prosthesis, wheelchairs and ambulatory aids to patients were organized.

Department of Physiology

Head: Prof Narsingh Verma

The department is running structured programs for PG students as PFT, BERA, ANS, exercise & YOGA, ABPM, Sleep Lab. These are included in the PG schedule and time to time training and assessment is being conducted. Also, clinical skill labs programs were conducted this year at National level workshops. Dr. Dileep Kumar Verma mentored a student to receive ICMR STS project. Dr. Narsingh Verma was awarded Ramesh Bijlani Lifetime achievement award by the Association of Physiologists of India and M. Viswanathan Oration Award by the Research Society for study of Diabetes in India. There were a total of 11 publications in various indexed and peer reviewed journals. Dr Narsingh Verma authored chapters in 5 textbooks on Tobacco and Oral Health, Nutrition Education, Yoga and Exercise: Potential Immune Boosters, Exposure to Blue Light: A Regression in Child Development and Metabolism of Carbohydrates, Proteins and Fats. Also, Dr Narsingh Verma received the Royal College of Physician Edinburgh membership.

The department procured NIBP and Impedance Spirometry for upgrading patient care. The department conducted a CME on Insulin and various other social awareness events.

Department of Plastic Surgery

Head: Prof Vijay Kumar

The department started an elective in the academic year namely Skill lab. Dr Vijay Kumar was awarded Chikitsa Ratna award and President's Appreciation Award by IMA. Dr. Veerendra Prasad was awarded National travel grant by Smile train India at Bangalore. Dr. Harsha Vardhan was awarded Best research paper Clinical Surgical category and Dr. Ravi Kumar was awarded Academic Excellence Award by Dr B.R Ambedkar Medical Teachers and Employees Association. The department organised the UPASICON in September 2022. There were total 19 publications and Dr Bhavya Naithani was co-author in 3 text books, namely Noninvasive Mechanical Ventilation in High Risk Infections, Mass casualty Pandemics; New Ongoing symptoms of disease COVID and Cardiopulmonary Resuscitation: Current trends.

Also, there was collaboration with George Institute for global health. The department procured Harmonic Scalpel, Diathermy Machine, Radio Frequency Machine and Liposuction Machine to upgrade the skills of the faculty and students and to provide better patient care.

Department of Psychiatry

Head: Prof. Vivek Agarwal

The department initiated 5 electives in the academic year, namely Child Psychiatry, De-addiction Psychiatry, Psychosexual clinic and Women mental health, Neuromodulation Lab and Psychology Lab. Also, 2-value added courses are being run namely: Ph.D course in Clinical Psychology Unit and Post-Doctoral fellowship in Child and adolescent Psychiatry. The department became the Mentoring Institute under TELE-MANAS program (MOHFW), 2022. Workshops were organised on laboratory skill enhancement (Focus on neuromodulation-tDCS) and to enhance Clinical Practice- Assessment and management of Female sexual Dysfunction. A total of 27 publications were done. 6 books were published by Prof. Vivek Agarwal, Dr. Amit Singh, Prof Adarsh Tripathi & Dr Sujit Kumar Kar. The department actively contributes to the various Health Camps conducted through KGMU-REACH Program. The department is running collaborative research projects with various institutes and professional bodies such as DHR ICMR, ICMR, UP CST and NIMHAMS. Among newer

neuromodulation techniques a new transcranial magnetic stimulation (TMS) and Transcranial direct current stimulation (tDCS) machine has been acquired by the department. Various programs organized by the department were Workshop on Assessment and Management of Sexual Dysfunction, Zonal competency based Psychiatric training (CME), and Role of tDCS in management of Psychiatric disorders (CME).

Department of Pulmonary and Critical Care Medicine

Head: Prof. Ved Prakash

The department runs 2 Post Doctoral Certificate Courses (Interventional Pulmonology, and Pulmonary & Critical Care Medicine) and 1 Post Doctoral Fellowship (sleep medicine).

Department organised UPTBCCON-2022, COPD Update-2022, Tuberculosis Update 2023 and Asthma Update 2023. There were a total of 7 research publications. The department adopted Village Kashmandikala, Malihabad, Lucknow to make it TB free. Prof. Ved Prakash was awarded Ajara Humanitarian Award, UP Ratan Award and Sewa Bharti, Awadh Prant, Samrat Vikramaditya Seva Kendra. A Purnanand Tiwari Sewa Sanshthan Health Camp was organised in collaboration with Purnanand Tiwari Sewa Sanshthan. The department started a Polysomnography Lab, Advance Pulmonary Function Test service and Allergy & Immunotherapy Lab.

Department of Radiodiagnosis

Head: Prof Anit Parihar

The department introduced an innovation in teaching for their postgraduate students in form of thesis progress to be evaluated by faculties for ongoing process and rectifying errors if found any. Also the suggestions and critical comments are recorded in students' log book. Dr. Durgesh K. Dwivedi was elected as core member of AMPS, and is only 5th Indian to receive this honour. Dr Durgesh K. Dwivedi was awarded the EK Zavoisky Award by the ISMRM, California, USA. Dr Nitin Arun Dikshit received Award for best oral paper presentation by Hong Kong Society of International Radiology. There was one patent published; patent number PCT/IN2021/050150; 17.02.2021 titled Radiation Shielding Red Mud Based Hybrid Composite Panels and Process. There were total 14 papers published, and one book publication by Dr Neera Kohli and Dr Anit Parihar, titled, "Disorders of Mesentery in Pediatrics". There were collaborative activities with AIIMS, BARC and University of Chicago. The Department procured RF ablation machine, mobile X ray machine and Ultrasound machine. Also, the department organised CME on the occasion of 36th Foundation day Radiodiagnosis department.

Department of Radiotherapy

Head: Prof. MLB Bhatt

The Department received a special status for Study of LASER based cost-effective monitoring system for lung & breast cancer radiotherapy: Development of patient specific quality assurance technique by Department of Health Research, ICMR New Delhi. Department conducted CME on Colorectal Cancer, Cranial/Extra Cranial SBRT/SRS CME, Chemotherapy Induced Thrombocytopenia- Role of Romiplostim, CME on Foundation day (Radiation Therapy for Prostate Cancer- Evolving role of SBRT), CME and Workshop on Thoracic Oncology 2023. Prof. M.L.B.Bhatt received certificate of appreciation from National Coordination Centre- Pharmacovigilance Program of India. A total of 32 research papers were published, and 4 book publications by Prof. M.L.B.Bhatt, Prof. Seema Gupta, Prof. Shraddha Srivastava and Dr. Mranalini Verma. There were cancer awareness and other social programs run by the department. A MoU on "cancer care, diagnosis, treatment & research to fight against cancer" was made with Hanuman Prasad Poddar Cancer Hospital & Research Institute, Gorakhpur, U.P.

Department of Respiratory Medicine

Head: Prof Suryakant

The Department brought about changes and innovations in their teaching methods and curriculum by introducing journal club activity to be conducted every Thursday and a clinico-pathological round every last Saturday of the month in the Pathology Department. Department was declared National Centre of excellence for Drug Resistant Tuberculosis by International Union against Tuberculosis & Lung Diseases. Department has filed one patent. Department developed the first of its kind 'Rotary Respiratory Herbal Park' with the support of Rotary Club, Lucknow. The department, in the previous year has had over 50 publications and 6 books/chapter contributions to its credit Dr Suryakant was included amongst the top 2 % world's scientists by University of California, USA Prime Minister Shri Narendra Modi released 100 Books in Hindi on the occasion of 3rd Anniversary of New Education Policy on 29th July 2023 and out of these 2 were contributed by Dr Surya Kant Dr. A.K.Bhardwaj, Chairman, National Task Force TB Elimination Programme delivered a lecture on "TB preventive therapy". Extramural projects of worth Rs 2 crore are sanctioned from ICMR. Dr Suryakant published book titled "End TB by 2025: Challenges, Opportunities and Way Forward, Medicine Update . Department organized Asthma and HB testing & consultation camp at Sitapur, Asthma, Diabetic, hypertension and HB testing & consultation in September at Siddhauri, Sitapur and World COPD Day.

Department of Sports Medicine

Head: Dr Abhishek Agarwal

The department has been given special status by Sports Authority of India Regional Center since 2021 for 5 years. It has functional MOUs with Frontier Headquarters, Sashastra Seema Bal, Lucknow, Sports Directorate, Govt. of Uttar Pradesh and Uttar Pradesh Police Sports Control Board, Lucknow for convening academic and awareness activities. On 20th Oct 2022, Department came under State Govt. of Uttar Pradesh and MOU with it has been extended till 2026 The department has procured Arthroscopy System and Basic Pediatrics arthroscopy Instruments for teaching learning. Patient care and research. The department has a fully equipped operation theatre with 2 Arthroscopy towers and instruments for high class arthroscopy and sports surgeries with an average of 8-10 cases of complex sports surgeries of knee, shoulder and various other joints being done per week

Department of Surgery

Head: Prof Abhinav A Sonkar

The department creates an engaging learning environment by having basic clinical skill training models, and by conducting structured programmes for training and assessment of students and training programmes for faculty on the use of clinical skills labs and simulation-based learning. LED smart panels have been installed in classrooms of the department. All Faculty of the department attended the course for the development and delivery of e-content.

Dr A A Sonkar, Dr Awanish Kumar, Dr Akshay Anand delivered Guest lectures at the 49th World's Congress of Surgery, in August 2022; during Surgical Education Week at KGMU in Feb 2023; in UP-MASCION 2023 in June 2023. Dr Kushagra Gaurav received the 'Popular Teacher Award' at KGMU in September 2022, consecutively for the second year. Dr Ajay Kumar Pal delivered a Guest lecture as faculty at Surgical Education Week, AMU Aligarh in March 2023. Dr. Ajay Kumar Pal received 'Best Faculty Paper Award' Prize at ASICON 2022 in December 2022. Dr. Saumya Singh received

fellowship - FALS (Robotic surgery) in January 2023 by IAGES; and F. Endoscopy (Upper GI and Lower GI) in October 2022 by the World Association of Laparoscopic Surgeons. Dr. Gitika Nanda Singh received 'Best paper award' at ABSICON from 28-30 July 2023. Dr. Jitendra Kumar Kushwaha received 'Best Faculty Paper Award' 1st Prize at ASICON 2022 in December 2022.

The department faculty published a total of 16 publications in reputed journals in the year gone by. The departmental faculty has a total of three papers published in National/International conference proceedings. The department has a total of three extramural research projects running. Prof Abhinav Arun Sonkar is presently the chief editor of "The Journal of Surgery Archives" the official journal of the UP Chapter of ASI. The departmental faculty has h-index range of 3-14. Kushagara Gaurav, Akshay Anand, Abhinav Arun Sonkar have authored a book titled "Breast cancer - Synopsis of Surgical lectures" and Parijat Suryavanshi has wrote a book titled "Multinodular goitre - Synopsis of Surgical lectures.

Awards and recognitions received for extension and outreach activities: Dr Awanish Kumar: Medical and Social Service Award; October 2022 by All India Bhojpuri Samaj and Dr Abhinav Arun Sonkar was bestowed the Appreciation Award in Feb 2023 by Lucknow Bar Association.

Various new infrastructure added in the department include endo urology sets; a new portable ultrasound machine and a 4K laparoscopic endovision set. Capability enhancement workshop and activities for students conducted by Department in the form of 'Wellness Workshop by BRAHMAKUMARIS' on 15/02/2023.

Department organized UPASICON 2022 from 14-16 Oct 2022 with 700 participants and 'Surgical Education Week' from 14th - 18th Feb 2023 with approximately 100 PG participants across UP and adjoining states. The department faculty and residents have actively participated in the Georgian Premier League annually and residents in PG Quiz participation- Annually in the UP chapter of ASI 2017-2022. The department has an MOU with RCS Ireland for conducting the MRCS Part A Exam in the Department of Surgery (General) and an MOU with the University of Pavia, Italy for the ERASMUS K Fellowship - Faculty Exchange.

The department strives to add the use of Robotic surgeries in its armamentarium in the near future paving the way for the benefits of recent technological advancements to reach patients seeking healthcare in our institution.

Department of Surgical Gastroenterology & Human Organ Transplant

Head: Prof. Abhijit Chandra

The department started a new 3 year program MCh Surgical Gastroenterology in the academic year. The department is actively engaged in liver transplantation. Dr.Pritheesh Rajan received International Travel Award by American Society of Colon & Rectal Surgeons and International Observership Award by University of Minnesota, Colon and Rectal Surgery Division. Prof. Abhijit Chandra was invited as faculty in prestigious 17th International NOSCART summit of the SAGES 2023 Innovation weekend, as Presenter in 1st Emirates International Colorectal Congress in Dubai, and New Technology Symposium, Tempa, USA to present a Podium Presentation. Prof. Abhijit Chandra also received Gaurav Ratna Samman at The Lucknow Tribune and 19th national book Fair. There were a total of 2 research publications in the year. A Faculty Lecture on Current Status of Robotics in Surgery, Dr Sanjiv Patankar, Consultant Colorectal Surgeon University Medical Centre of Princeton. N.J. USA was organised by the department.

Contributing the social cause, the department organised an Organ Donation Awareness Camp and also the department has collaborated with Max Hospital New Delhi, to work in the area of Liver Transplant.

Department of Surgical Oncology

Head: Prof. Vijay Kumar

Department has a credit of 08 publications in the current academic year. Currently is doing an international collaborative research on "Cluster randomised-sequence study of a 'Safe- anastomosis' Quality Improvement Intervention to reduce anastomotic leak following right colectomy and ileocaecal resection with University of Birmingham, UK and "An Indo-German approach to identify universal and specific molecular targets in breast cancer prevention: Impact of environmental endocrine disruptors, diet and lifestyle on sex hormone levels and cellular consequences thereof in human breast tissues (ICMR-DFG project) with CSIR-IITR. A 'Data Sharing Agreement' was signed with The University of Birmingham, UK for duration 2021-2023 as a part of collaborative research programs.

We organized "CME & Workshop on Thoracic Oncology 2023" in April, 2023 in collaboration with EkTattva Foundation with sixty students and thirty faculty participants. As a part of Continuous Faculty Development during workshop program several eminent speakers visited department and delivered guest Lectures. Prof. Shailesh V. Shrikhande, Chief of GI and HPB Oncology, Tata Memorial Hospital, Mumbai, Dr Ramakant Deshpande, Chief Surgical Oncologist, Asian Cancer Institute Mumbai; Dr Sunil Kumar, Chief Surgical Oncologist, AIIMS, New Delhi ; Dr Suzanne S. Gisbertz, Upper GI Surgeon, University Medical Centre, Amsterdam, Dr Shagun Mishra, Radiation Oncologist, SGPGI, Lucknow; Dr Ajeet Gandhi Radiation Oncologist, RMLIMS, Lucknow, Dr Balasubramoniam K R, Cardiothoracic Surgeon, Yashoda Hospital, Hyderabad delivered talks.

Three students of the department were sent for observership to departments at KGMU and outside KGMU at AIIMS, Rishikesh. Department celebrated and organized various programs like : Independence Day 15th August 2023; Oncology Symposium on 6th and 7th August 2022 and CME & Workshop on Thoracic Oncology 2023 on 29th and 30th April 2023. A Workshop on using 'Staplers during Surgery' was organised on 29th and 30th April 2023 with seventy participants.

A CSR grant of Rs. 10.15 crore from 'Power Finance Corporation' for purchase of medical equipment was received for the department.

Department of Transfusion Medicine

Head: Prof. Tulika Chandra

Department of Transfusion Medicine is the largest in the country with all the latest technologies. It has an annual collection of 70000 units, 100% component separation and has taken a lead for being the first plasma bank in UP.

Dr. Tulika Chandra received JR Jolly Award at ISBTI, Jammu and Kashmir in August 2022; first prize for highest blood collection and highest number of apheresis in August 2022 from NHM and UPSACS. She delivered guest lecture at Paed-haemato-con, Bareilly in July 2022, Guest lecture at Transcon 2022 in August 2022 and in Transmedcon 2022 in September 2022.

Dr. Archana Solanki delivered guest lecture at Indian Society of Transfusion Medicine (ISTM) in September 2022. Dr. Ashutosh Singh delivered guest lecture at AIIMS, Raebareli in June 2022 and at Dr. RMLIMS, Lucknow in December 2022.

Dr. Tulika Chandra was awarded funding by ICMR for research on cytokines. Dr. Archana Solanki completed Certificate course in Patient blood management supported by Werfen Academy in November 2022; Advanced certificate course in Transfusion Medicine (ACTM) supported by Asian Association of Transfusion Medicine in April 2022. Dr. Ashutosh Singh is pursuing one year fellowship

(applied in Dec 2022) in 'Cellular Therapies Program' supported by Association for Advancement of Blood & Biotherapies (AABB).

Department faculty are credited with five publications in the current academic year. New facilities added in the department: Pathogen reduction, X-ray irradiator. Department has conducted 150 blood donation camps with 10,000 voluntary donations till date. To create awareness regarding blood donation, department organised rangoli competition, and many awareness rally programs.

Department of Thoracic Surgery

Head: Prof. Shailendra Kumar

The Uttar Pradesh government established the Thoracic Surgery department in 2015, and it began operations in 2020. In October 2022, the Hon. Chief Minister of Uttar Pradesh gave the new building its official opening. Faculty have published five articles in international and national journals and attended numerous international and national conferences. This year, one PhD degree was granted to a student, and the thesis paper won first place for poster presentation at the European Society of Medical Oncology's international conference.

Department of Urology

Head: Prof. Apul Goel

Department re-started Renal Transplant (1st case operated on 04th Nov. 2022). It procured Lithoclast Master, Endoscopy Set, Lap 3D Set, TV i-ball. Dr S N Sankhwar is member, Executive Committee, UPUMS, Saifai 2022-2024. Dr Apul Goel is Associate Editor, Indian Journal of Urology, BMC Urology (Springer) and Medicine (Wolters Kluwer). Dr Vishwajeet is serving as council members of NZUSI 2021-2023 and UAU 2021-2023. Dr S N Sankhwar received "Bharat Mata Abhinandan Samman" in Dec. 2022.

Extramural Project grants received by Prof. Manoj Kumar and Prof. Vishwajeet Singh by ICMR. Dr Apul Goel published books titled "Benign Prostatic Hyperplasia - A Clinician's Perspective". 2022, "Shalyakeey Rog Naidaankeeya (Surgical Diagnostics)" 2023.

Department organized CME on "How Effective is Denosumab Therapy in Prostate Cancer" Oct. 2022, "Evaluation and Medical Management of Priapism" Dec. 2022, "Evaluation and Management of Metastatic RCC" June 2023, "Management of Advanced CA Prostate" July 2023.

Department of Trauma Surgery

Head: Dr Sandeep Tiwari

Department procured a Thoracotomy Set. Dr Sandeep Tiwari delivered 05 Guest Lectures and nominated as Co-ordinator in NMC to increase the MBBS seats in various Medical Colleges. Dr Samir Misra and Dr. Yadendra Dheer participated in 6th World Trauma Congress Japan 2023. Dr. Vaibhav Jaiswal won Runner up prize in Trauma Care Conference at Manchester in June 2023, received Fellow of Advanced Laparoscopic Surgery, Robotics, Coimbatore, 2023, did Instructor course in critically ill surgical patient from Royal College of Surgeon, London, ATLS Course Instructor course in Oct. 2022, received FACS, Training of Champions of Change in Emergency Care System Strengthening by WHO in October 2022. Dr. Anita Singh received Fellowship of American College of Surgeon, attended MET 2023 (Workshop).

Department received two Extramural Project grants "To study the effectiveness of Trauma Quality Improvement Programs (TQIP's) in improving Trauma Care outcomes" at Tertiary Care Hospitals in India in partnership with AIIMS New Delhi and Development of a Paediatric Trauma resuscitation Module (PTRM) and assessment of impact of Simulation- Based Training on outcome of Pediatric Trauma Patients at Level I, Trauma Centre in Northern India.

Dr Yadendra Dheer wrote a book chapter, titled "Paediatric thoracic trauma" written in a Paediatric Trauma resuscitation Module (PTRM) manual. Dr. Vaibhav Jaiswal wrote book chapter, titled "Paediatric abdominal and Pelvic Trauma" written in a Paediatric Trauma resuscitation Module (PTRM) manual.

Department organized ATLS training, Road safety training for public and paramedical students in during road safety week, Transfer and rescue of trauma victim - training conducted for police personals, Disaster management groups and public. It Celebrated "World Trauma Day" 17th October, 2022 & took an initiative for awareness for trauma prevention. It also participated in road safety awareness project with transport and traffic department.

Department of Vascular Surgery

Head: Prof Ambrish Kumar

Department is established on fourth floor in CTVS building. Building of Vascular Surgery department was officially inaugurated by Honourable Chief Minister of U.P. in October, 2022. Department has 18 bedded ward six bedded I.C.U. and two operation theatres. 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 Reports

Department of Conservative Dentistry & Endodontics

Head: Dr Promila Verma

A significant educational innovation-'Criteria grid-based system for assessment of pre-clinical competencies' was implemented for BDS Second Year for pre-clinical competencies of Dental Graduates for a class II cavity preparation. Dr AP Tikku received Lifetime achievement award on 11th April 2023 at Sardar Patel Dental College Lucknow. Dr. Promila Verma was awarded 'Best Endodontist of the Year' in December 2022 in Cynodent conference and received 'Best Scientific Paper' in January 2023 at ISPRP, Kannur. Dr Ramesh Bharti was awarded Best Scientific Paper on 29th September 2023 by Indian Endodontic Society. Dr Rhythm received Fellowship of Pierre Fauchard Academy in December 2022, 'Diplomate Indian Board of Endodontics' in October, 2022 by Indian Board of Endodontics; delivered guest lecture on 'Active Learning in patient Communication' and 'Evidence Based Dentistry' at Sarswati Dental College Lucknow in May, 2023. Dr Vijay Kumar Shakya received fellowship of Indian Society for Dental Research in February 2023. Dr Vijay Kumar Shakya was awarded 'Best Academician in Conservative Dentistry and Endodontics' in 2022 by Society for Scientific Research and Studies.

Dr Nishi Singh received travel grant to Asia Pacific Research Integrity Conference 2023 in March 2023 for APRI2023, Tokyo. Dr Nishi Singh delivered International Guest Lecture on Key for Effective Dental Research organised by International Nepalese Prosthodontic Society, Kathmandu in December 2022.

Patents Published- 'A Dental Airtor Hand piece with a Pressure Sensor' in February 2023, 'A Mineral Trioxide Aggregate (MTA) by addition of gold nanoparticles (Gnps) and its method of preparation and

Patent filed are 'Modified technique for obtaining Platelet Rich Fibrin (PRF) in long-term diabetic patients having glycaemic control in December 2022.

Department has a credit of seven publications in the current academic year. Department has three ongoing collaborative research projects funded by UPCST and KGMU.

New dental chairs were added as new facilities for patient care. Dr Rhythm authored an E-handbook on 'Electives: Design & Implementation'. Department organised a workshop on 'Composite , Veneer and Angle Buildup-recent concept' delivered by Dr Deepak Mehta with 100 participants on 5th August 2023; workshop by Dr Vivek Hegde on 31st October 2023 on 'Ultrasomics in Endodontics' with 75 100 participant; 'National post graduate student exchange programme was organised by the department under which twenty five students visited KGMU for observer-ship. All India dental college quiz competition' with 22 participants was organized within the 'National post graduate student exchange programme'.

Dr Rhythm attended E-content development workshop in June 2022, 'Networking with LinkedIn for Medical Professionals'- May, 2022. Dr Pragya Pandey attended 'Medical Education workshop' organized by the medical education department KGMU on 21st April, 2023. Dr Nishi Singh attended 'PATENT: Why and How' on 14th December 2022; 'Integrating Art in Classroom' on 14th December 2022; 'Orientation workshop on Cochrane' on 26 November 2022.

Mr. Rajeev Malik, Dental Hygienist of the department brought accolades by participating in 1st Auli Himalayan Marathon - 2023 and 42nd National Athletic.

Name of Department: Oral Medicine & Radiology

Head: Prof. Ranjit Kumar Patil

Dr Anurag Tripathi and Dr Vandana Singh received Fellowship of International College of Dentists, Dr. Vikram Khanna received fellowship of Pierre Fauchard Fellowship. Dr. Akhilanand Chaurasia received EACR-Worldwide Cancer Research Meeting Bursary Award. One Extramural Project grants received by Dr Vikram Khanna for project "Establishment of 3D bio printed Spheroid Based Model System for Clinical Studies" sanctioned by ICMR.

There are 7 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. The department organized a successful Oral Cancer Screening Camp at CHC Sarojini Nagar on 8th November. In the year 2023 department procured three dental chairs.

Department of Oral Pathology

Head: Prof Shalini Gupta

Dr. Shalini Gupta won "Outstanding researcher of the year" in the International dentists awards 2023 in sept 2023. She also received best poster award at Research showcase 2022, KGMU in Nov 2022. Dr. Gupta participated in the Instructor update conducted during the AHA India SUMMIT 2023 and the TCC Meeting conducted during the AHA India SUMMIT 2023. Department had guest lectures by Dr. Aadithya B Urs and Dr. Puneet Ahuja in February 2023 on the occasion of National Oral Pathologist Day, on "Walking with oral pathologist" by Dr. Rajeev Desai in September 2023, by Dr. Raghu Dhanapal and Dr. Jayasankar P. Pillai in September 2023.

Dr. Gupta has written book chapter titled "Smart materials for engineering and sciences current trends and future prospective" for journal of Wiley Scrivener, "Role of cancer stem cells in radio-

resistance of head and neck squamous cell carcinoma" accepted on August 2023 by Iterative International Publishers book series IIPV3EBS15_G68 Futuristic trends in medical sciences. Dr. Priyanka Singh wrote "Role of mast cells in Tumor growth"

Fellowship was awarded to Dr. Diksha Singh, Dr. Fahad M Samadi and Dr. Priyanka Singh by International College for Dentist on 17th Feb 2023. Fellowship of Dr. Priyanka Singh was approved for Pierre Fauchard Academy. Department conducted Student exchange programme of Lucknow University students in 2023.

7 extramural projects are currently ongoing in the department. Department has MOU with Saraswati Dental College and Hospital, Lucknow, IIIT Allahabad, IIT Kanpur, CDRI, IITR, HBTU Kanpur. Department has a total of 25+ publications to their credit in current academic year.

Department organized Dental Check-up camp at Eeshwar Child Welfare Foundation, Lucknow; Pahadpur village, PHC Sarojini Nagar Lucknow; Lucknow Public Collegiate, Ruchi Khand Lucknow; Bhaghirathi Enclave Apartment, Awadh Vihar Yojna; Sarojini Nagar Lucknow and Bharti Gramin Vidyalaya, Mohana.

Department of Oral and Maxillofacial Surgery

Head: Prof Shadab Mohammad

Department of Oral and Maxillofacial Surgery encourages skill based learning using basic clinical skill training models for undergraduates. The skill trainings include- Suturing techniques and 3D Printing. Department has also initiated skill courses for BDS interns including skills of dental implants and basic suturing techniques.

Dr. Shadab Mohammad was felicitated by Health Minister Dr. Mansukh Mandaviya on 'Padma doctors congregation', awarded 'Lifetime achievement award' at 4th World Dental Sciences & Oral Health Conference, KGMU. Late Dr. Divya Mehrotra was listed among top 2% scientist as per Stanford University. Dr. Vibha Singh secured third position in poster presentation at ACOMS 2022, at Seoul, Korea in June 2022. Dr. Hari Ram was awarded 'Milestone Achievers award' in 2022.

Dr Arunesh Kumar Tiwari was invited guest speaker and chairperson at 7th annual conference of UP-AOMSI from 23-24 September 2022; participated in ISP INTEGRATE in July 2022. Department has a credit of seven publications in current academic year. Extension and outreach activities: Department organized 'Road Safety Week KGMU 2022' with fifty student participants and seven faculty participants. Department has procured three new Dental chairs, ten Pulse Oximeters, one High Pressure Autoclave; one Video Laryngoscope, one Suction Machine, five BP Instruments and one Cutting Drill. Department is ISO certified. Department organized: 2nd Head and Neck Cancer, Microvascular and Reconstructive Surgery workshop in April 2023.

Department of Orthodontics and Dento-facial Orthopaedics

Head: Prof G.K. Singh

On the occasion of World Orthodontic Health Day Alumni Guest Lectures were taken by Prof. Sarabjeet Singh, Vice President of the Indian Orthodontic Society and Dr. Pradeep Raghav, Head Department of Orthodontics and Dento-facial Orthopaedics, Subharati Dental College, Meerut. On the Occasion of Orthodontic Awareness Week, the department organized a Rangoli competition, poster competition and awareness walk rally at Imam Bara, Lucknow on 21st July 2022. An Awareness car rally of Orthodontic care was organized in collaboration of the Indian Orthodontic Society for the Awareness of Orthodontic Problems and Remedy on 4th July 2022. Social Outreach

activity was organized at St Mary Public Inter college, Amberganj, Thakurganj, Lucknow, on 24th July 2022 with presentations by Prof Amit Nagar and Prof. G.K. Singh about the importance of oral hygiene for school children. A scientific hands-on workshop was organized on 22 November 2022 for the highlights on Aligners by the experts invited from the 'Invisalign' team from Delhi. Prof Amit Nagar is an active Editor of the Indian Journal of Orthodontics and Dentofacial Research, Acta Scientific Dental Sciences, and the International Journal of Dentistry Research. Dr Dipti Shastri is an Editorial board member of the Journal of Clinical Orthodontics, Indian Orthodontic Society.

Prof Gyan P Singh delivered 'A Dental health awareness talk' in Akashvani on 07th June 2023. As a part of continuous faculty development program, Dr. Gyan Prakash Singh, Dr Alka Singh, Dr Dipti Shastri attended a Lecture & hands-on workshop on "Biomechanics in Orthodontics". Dr. Dipti Shastri authored a book chapter titled: 'Classification of Facial Asymmetry'. The department has credit of five publications in the current academic year.

Department of Paediatric and Preventive Dentistry

Head: Prof Rajeev Kumar Singh

Dr. Rajeev Kumar Singh actively participated in ISP Integrate, 4th World Dental Science and Oral Health Conference, 3rd International conference of SAAPD, Goa, UP Dental Show 2022 and 23, 44th IDA UP state Conference, 33rd annual conference of Indian Society for Dental Research, 8th World Dental Conference, Bangkok, 9th International Conference on Advanced Dentistry and Oral Health, Dubai, 45th IDA UP State Dental Conference. Dr. Afroz Alam Ansari attended Makka Dental Conference, and SIDC, 2023 in Saudi Arabia. Dr Richa Khanna attended 'Cochrane Protocol Development' workshop in April 2022; 'NAAC sensitization workshop' organized by IQAC, KGMU in May 2022; 'Training of Trainers' workshop by UED KGMU in May 2022; Workshop on 'Comprehensive Myofunctional Orthodontics' in March 2023; 'Emerging concept in Orofacial Myotherapy' in October 2022; International Workshop on Health Informatics Curriculum development in March 2022; "Training the Teachers" in September 2022.

Dr. Afroz Alam Ansari received 'Membership of Saudi Dental Society'. Dr. Richa Khanna worked in capacity of organising committee member in ISP Integrate 2022 held at KGMU in 3 July 2022. Dr. Richa Khanna was conferred membership of Royal College of Surgeons, Faculty of Dentistry, Glasgow; is currently continuing as Section Editor, Journal of Oral Biology and Craniofacial research by Elsevier.

Department celebrated "55th Foundation Day Celebration" in November 2022 and 18th ISPPD National PG Convention 2022 in April 2023 with approximately 1200 participants. Dr. Rajeev Kumar Singh received 'Award of Excellence: by IDA UP State'. Dr. Richa Khanna was awarded 'Star researcher session' during 33rd Annual conference of Indian Society of Dental research in February 2023. Dr. Richa Khanna has an ongoing extramural project as Principal Investigator, funded by ICMR. Department has to its credit four publications for the current academic year.

Dr. Rajeev Kumar Singh delivered Guest lectures at 4th World Dental Science and Oral Health Conference, at 8th World Dental Conference, at AMU, Aligarh, at 2nd Cochrane India Network conference, at 9th International Conference on Advanced Dentistry and Oral Health, Dubai. Dr. Richa Khanna was invited as guest speaker for 'All India PG revision in Paediatric and Preventive dentistry in April 2023; in National postgraduate student exchange programme in March 2023; at Pedotaal 2022 in November 2023; at Mahatma Gandhi institute of Health informatics, Jaipur for a lecture on 'Data value proposition' in March 2022; for 'Training the Teachers' organized by ISPPD (Online) in Sept 2022.

Department of Prosthodontics, Crowns & Bridges

Head: Prof. Pooran Chand

Dr Pooran Chand has received Passionate Dentist of the year award. Dr. S. V. Singh has received Membership of International association for Dental Research, Fellowship of National Academy of Medical Sciences, Dr Jacob Hyson Award for Best Scientific Article (First Prize) 2022-23, "Pride of Uttar Pradesh" 2022. Dr. Balendra Pratap Singh has received Membership of Cochrane. Dr. Kamleshwar Singh has received Membership of Indian Society of Oral Implantologist. Dr. Shuchi Tripathi has received Fellowship of Indian society for Dental research (FISDR) 2023, Membership of Academy of Health professions Education. Dr. Kaushal Kishor Agrawal has received Fellowship of Indian Society of Dental Research, International college of dentists and Best Paper award in 50th Indian Prosthodontic Society conference. Dr. Mayank Singh has received Fellowship of Academy of Oral Implantology

Dr Pooran Chand has patent on Classification of post mucormycosis orofacial defects(L122576/2023) published in May 2023. Dr Pooran Chand, Dr Sunit Kr Jurel, Dr Shuchi Tripathi have patent on PSSNA Classification of obstructive sleep apnea risk with treatment modalities (L124351/2023) published in June 2023. Dr S V Singh, Dr Deeksha Arya, Dr Pooran Chand have patent on A Cheek Retractor with Adjustable Suction Tip Holder and Eye Shield (202011048105) published in September 2023. Dr Kaushal Kishor Agrawal has patent on Dental Pre clinical app: 3D learning solution (L131997/2023) published in August 2023.

Dr. Pooran Chand , Dr. S. V. Singh , Dr. Deeksha Arya, Dr. Balendra Pratap Singh, Dr Shuchi Tripathi received research grant for various projects from ICMR and Samaj Kalyan, Uttar Pradesh. Department has a total of 31 publications to their credit in current academic year. Department organized '1st IPS U.P. State Conference', in April 2023 and also free 'Denture Camp' every Sunday of the month in collaboration with NMO, Sewa Bharti.

Department of Periodontology

Head: Prof Nandlal

Prof Rameshwari Singhal has received, Fellowship of Indian Society for Dental Research in February 2023. Dr Anjani Kumar Pathak has received Fellowship of Academy of Oral Implantology in February 2023 and Fellowship of Indian Society for Dental Research in February 2023. Prof Rameshwari Singhal, Prof Shalini Kaushal, and Dr Anjani Kumar Pathak have received extramural and intramural research grants in 2022 and 2023.

Department has organised ISP INTEGRATE in July 2022 with over 300 participants. Department also organised 4th World Dental Sciences and Oral Health Conference, 2022 in August, 2022 with over 300 participants. Department has total of 18 publications to their credit in academic journals for year 2022.

Department conducted social responsibility activity in community in terms of education and awareness on the occasion on Oral hygiene day on 1st August, 2022 in collaboration with Indian Society of Periodontology with 55 student participants and 7 Faculty Participants. New facilities added in the department are 22 Fully equipped Dental chairs and units.

Our eminent alumni Dr. K.K. Gupta, Prof. & Head, Periodontology & Implantology, Vyas Dental College & Hospital, Jodhpur Batch-1998 conducted a seminar in the department. Prof Shalini Kaushal attended Faculty development programs organised by KGMU, "Sustainable cutting edge technology for Bio-medical waste and infection control" on 15 October 2022 and "Effective Assessment in Medical Education" on 20 April 2023. Celebration of Prof. G.B. Shankwalker Oration (Oral Hygiene Day) was done in department on 1st August 2022.

Department of Public Health Dentistry

Head: Prof Vinay K Gupta

Department of Public health Dentistry started their 'Post graduate' course in year 2022, with three post graduate students joining the Department. Dr Vinay K Gupta was awarded Best Teacher Award by Mahamana Sikshak Sansthan, in 2022. Dr. Gaurav Mishra was awarded "Best Rural Dental service award" by Star Time Media Group, New Delhi in May 2023. Dr. Sumit Kumar was awarded "Excellence in Dental Education and Research in India" in May 2023. Dr. Vinay Kumar Gupta delivered a guest lectures on "Dental Ethics & Consumer Protection act" at Saraswati Dental College, Lucknow in April 2023 and "National Oral Health Program: The Past, Present and Future" at Rajendra Institute of Dental & Medical Sciences, Ranchi in June 2023. Dr Gaurav Mishra was invited for oral health awareness session as speaker at All India Radio Station, in Jan 2023. Dr. Vinay Kumar Gupta is Academic Editor of International Journal of Pathogen Research, a quality controlled, peer-reviewed international journal 2018 to 2022. He also visited for ABV University Inspection for BDS at ITS, Noida 2022.

Department has procured A Mobile Dental Van and one Autoclave. A total number of five publications are done by faculty between 1st Jan 2022 -31st December 2022.

Department identifies slow learners/performers with the help of class tests/formative assessments. Once the identification is done, they are called upon to know about the hurdles/problems that they encounter while studying the subjects. Classes are arranged for them separately. Post graduate manual was also prepared by the department in year 2022.

Department has average OPD per month ranging from 650-700. Department organised 'Bio Medical Waste Management Training Program' on 21/03/2023 for Faculty, Staff and Students. Department organized 'Public Health Dentistry week program' from 19th to 24th June 2023, which included Poster competition, video making competition, slogan competition, memes and reels competition, participated by 25 students. A Post graduate student (1st year) of the department was awarded 'Player of the Match award' in the Captain P.P. Tikku Memorial President Cup Cricket Match organized by the State Dental Association on 12th March 2023. Many Screening and awareness camps, special days like Celebration of Holi, Independence Day are organised by the department in current academic year.

Our faculty received appreciation awards for extension activities from "Lets Give Hope Foundation" and Heeralal Yadav Law College.

Future Plans of the University

- To become NAACA++ university in the next cycle.
- To be among the top 5 Medical Institutions in India and to be recognized as an Institute of National Importance.
- To be counted among the top medical Universities in global rankings.
- To develop academic culture guided by the principles enunciated in the National Education Policy 2020 and to incorporate and promote Competency-Based Medical Education.
- To introducing new interdisciplinary & inter-professional programs with an array of electives for student support.
- To incorporate Professionalism, Human values, Ethics and 21st Century Skills.
- To introduce examination reforms by adopting innovations in student assessment with a focus on frequent and formative assessments.
- To establish a centre of Excellence in clinical trials.
- To explore newer frontiers of research in basic sciences and emerging areas.
- To augment its Basic Science Research Labs with advanced techniques.
- To integrate technology in academic programs and services and governance
- To upgrade the services and infrastructure of the Hospital consonant with the technological advances in diagnostics and therapeutics.
- To enhance the usage of renewable energy sources.
- To enhance community engagement through the adoption of villages and schools.
- To conduct regular structured Outreach activities like health check-up camps, awareness campaigns and screening programs for the rural unreached population.



Analysis of Research Performance

King George's Medical University

August 2023
Elsevier Health, India



Summary



1] Total number of Research Publications for Faculty, Staff and Students with Institutional Affiliation in the last two years in Scopus and Web of Science Indexed Journals (Year 2021-2022)	1,089 documents in Scopus
2] Cumulative Citation Scores (only in Q1 and Q2 Category Journals) (Year 2020-2022)	Total Number of Citations = 10,737 Citations per Publication = 6.5 Number of Publications in Top 10% Journals by CiteScore Percentile = 175
3] Publications in High Quartile category journals (Year 2020-2022)	Number of Publications in Q1 Journals by CiteScore Percentile = 432 Number of Publications in Q1 and Q2 Journals by CiteScore Percentile = 849
4] Cumulative Impact Factors of all publications published by the Institute in indexed journals in the last three years (Year 2020-2022)	Total Number of Citations = 10,737 Citations per Publication = 6.5 Field-Weighted Citation Impact = 0.93 <i>h5</i> -index = 46



Overall Research Performance, 2020-2022

King George's Medical University ☆

India | More details on this Institution

2020 to 2022 | All subject areas | ASJC

1,714 ▲

Scholarly Output ⓘ

59.4% All Open Access

10,737

Citation Count ⓘ

6.3

Citations per Publication ⓘ

0.93

Field-Weighted Citation Impact ⓘ

46

h5-index ⓘ

Publications in Top Journal Percentiles ⓘ

+ Add to Reporting

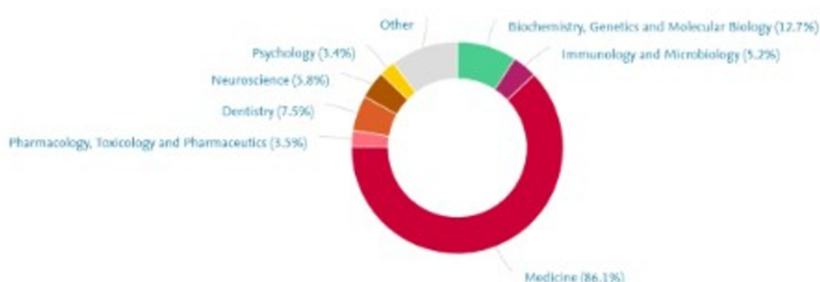
Publications in top 10% journals

by CiteScore Percentile ⓘ



King George's Medical University: 11.2%
India: 14.7%

Publication share by Subject Area



Source: Scival

Research Performance by Journal Quartile, 2020-2022



King George's Medical University ☆

India | More details on this Institution

2020 to 2022 | All subject areas | ASJC

Publications by Journal quartile

Share of publications per Journal quartile by CiteScore Percentile ⓘ



Quartiles	Publications ⓘ	Publication share (%)
Q1 (top 25%)	432	27.6
Q2 (26% - 50%)	417	26.7
Q3 (51% - 75%)	486	31.1
Q4 (76% - 100%)	228	14.6
Cumulative shares		
Q1 to Q2 (top 50%)	849	54.3
Q1 to Q3 (top 75%)	1,335	85.4

Publications in top 50% Journals by

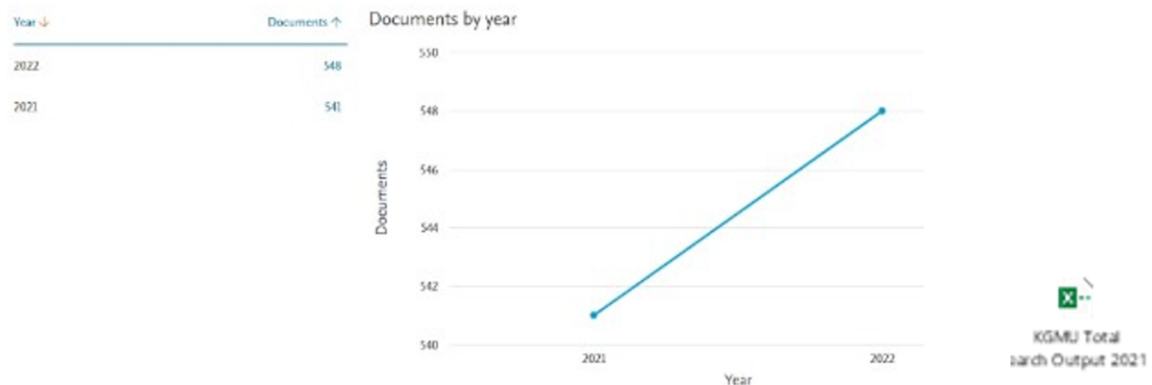
Source: Scival



Total Research Output, 2021-2022

- Affiliation Name: King George's Medical University
- Affiliation ID: 60021599

1,089 document results



KGMU Total
Research Output 2021

Source: Scopus

AF-ID ("King George's Medical University"60021599) AND (LIMIT-TO(PUBYEAR, 2022) OR LIMIT-TO(PUBYEAR, 2021)) AND (LIMIT-TO(PUBSTAGE, "final")) AND (LIMIT-TO(SRCTYPE, "j"))

Top Journals by Number of Publications, 2021-2022



- Affiliation Name: King George's Medical University
- Affiliation ID: 60021599

Journal	Number of Publications	2022 CiteScore	Journal	Number of Publications	2022 CiteScore
BMJ Case Reports	24	1.2	National Journal Of Maxillofacial Surgery	17	0.4
Indian Journal of Rheumatology	19	1.1	Indian Journal Of Critical Care Medicine	15	2.4
Indian Journal of Psychiatry	18	4.4	Asian Journal Of Psychiatry	14	10.9
Neurology India	18	1.6	Indian Journal Of Community Health	14	0.7
Journal of Oral Biology and Craniofacial Research	17	4.5	Journal Of Clinical Hypertension	14	5.2

Source: Scopus

AF-ID ("King George's Medical University"60021599) AND (LIMIT-TO(PUBYEAR, 2022) OR LIMIT-TO(PUBYEAR, 2021)) AND (LIMIT-TO(PUBSTAGE, "final")) AND (LIMIT-TO(SRCTYPE, "j"))

Journals by Publications with Maximum Citations, 2021-2022 (1/2)



- Affiliation Name: King George's Medical University
- Affiliation ID: 60021599

Document title	Authors	Year	Source	Cited by	Journal 2022 CiteScore
1. Characteristics of the novel SARS-CoV-2 Omicron (B.1.1.529) variant of concern and its global perspective	Saxena, S.K., Kumar, S., Kumar, S., (-), Tripathi, A.K., Akhlaq Hussain, A.S.	2022	Journal of Medical Virology 94(5), pp. 1118-1196	154	22.4
View abstract	Open Access	View at Publisher	Related documents		
2. Encephalopathy in patients with COVID-19: A review	Garg, B.K., Palwal, V.K., Gupta, A.	2021	Journal of Medical Virology 93(3), pp. 266-272	205	22.4
View abstract	Open Access	View at Publisher	Related documents		
3. Outcomes on the ESCHEMOR Trial Based on Coronary Artery Disease and Subclinical Severity	Reynolds, H.R., Shaw, S.J., Min, J.K., (-), Moran, G.J., Hochman, J.S.	2021	Circulation 144(5), pp. 2024-2038	90	42.1
View abstract	Open Access	View at Publisher	Related documents		
4. Artificial intelligence in dental research: Checklist for authors, reviewers, readers	Schwendicke, F., Singh, T., Lee, J.-H., (-), Ullrich, S., Kriss, J.	2021	Journal of Dentistry 107(181618)	82	7.0
View abstract	Open Access	View at Publisher	Related documents		
5. Multi-organ involvement in covid-19: Beyond pulmonary manifestations	Thakur, V., Ratho, R.K., Kankia, P., (-), Kadian, D., Mishra, S.	2021	Journal of Clinical Medicine 10(1), pp. 3-18	80	5.4
View abstract	Open Access	View at Publisher	Related documents		

Source: Scopus
 AF-ID ("King George's Medical University"60021599) AND (LIMIT-TO (PUBYEAR, 2022) OR LIMIT-TO (PUBYEAR, 2021)) AND (LIMIT-TO (PUBSTAGE, "final")) AND (LIMIT-TO (SRCTYPE, "j"))

Journals by Publications with Maximum Citations, 2021-2022 (2/2)



- Affiliation Name: King George's Medical University
- Affiliation ID: 60021599

Document title	Authors	Year	Source	Cited by	Journal 2022 CiteScore
6. Spectrum of neurological complications following COVID-19 vaccination	Garg, B.K., Palwal, V.K.	2021	Neurological Sciences 43(2), pp. 3-40	79	5.1
View abstract	Open Access	View at Publisher	Related documents		
7. Hurdling the mechanisms of Tenosynovial resistance in gliomas and the strategies to overcome the resistance	Tamir, H.S., Kumar, R., Sevastian, C., Shrivastava, A.	2021	Biochimica et Biophysica Acta - Reviews on Cancer 187(1), pp. 185-196	40	16.4
View abstract	Open Access	View at Publisher	Related documents		
8. COVID-19 vaccination-associated myelitis	Mallikra, H.S., Gupta, P., Prabhu, V., (-), Danda, H., Agarwal, V.	2021	QJM 114(5), pp. 591-593	40	6.1
View abstract	Open Access	View at Publisher	Related documents		
9. Second wave of COVID-19 pandemic in India: Barriers to effective governmental response	Kar, S.K., Ramesh, R., Arul, S.H.V., Monica, V.	2021	Clinical Medicine 16, 200911	59	16.0
View abstract	Open Access	View at Publisher	Related documents		
10. The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019	Ahmed, E.M., Feres, L.M., Xu, R., (-), Beyer, A., Shakti, N.	2021	The Lancet Oncology 22(2), pp. 27-52	53	62.0
View abstract	Open Access	View at Publisher	Related documents		

Source: Scopus
 AF-ID ("King George's Medical University"60021599) AND (LIMIT-TO (PUBYEAR, 2022) OR LIMIT-TO (PUBYEAR, 2021)) AND (LIMIT-TO (PUBSTAGE, "final")) AND (LIMIT-TO (SRCTYPE, "j"))

FACULTY JOINED

S.no	Name of Faculty	Department	Designation	Date of joining	Permanent/ Contractual
1	Dr. Heena Singh	Anatomy	Assistant Professor	16.07.2022	Permanent
2	Dr. Abhishek Singh	Community Medicine & Public Health	Assistant Professor	07.07.2022	Permanent
3	Dr. Mukesh Kumar	Emergency Medicine	Assistant Professor	14.09.2022	Contractual
4	Dr. Sachin Kumar	Pulmonary & Critical Care Medicine	Assistant Professor	14.09.2022	Contractual
5	Ashish	Surgical Gastroenterology	Assistant Professor	15.09.2022	Contractual
6	S.N. Kureel	Forensic Medicine & Toxicology	Professor	02.11.2023	Contractual
7	Ms. Khushboo Singh	Nursing	Nursing Officer	01.08.2022	Contractual
8	Mrs. Shivangi Maurya	Nursing	Nurse Mentor	01.07.2022	Contractual
9	Mrs. Bhavana Upadhyay	Nursing	Nurse Mentor	01.07.2022	Contractual
10	Mrs. Ritoo Rana	Nursing	Nurse Mentor	04.07.2022	Contractual
11	Mrs. Vandana Koranga	Nursing	Nurse Mentor	04.07.2022	Contractual
12	Mrs. Uma Mishra	Nursing	Nurse Mentor	04.07.2022	Contractual
13	Ms. Sunidhi Tiwari	Nursing	Nurse Mentor	08.07.2022	Contractual
14	Ms. Sneha Angel Solomon	Nursing	Tutor	02.01.2023	Contractual
15	Ms. Suman Yadav	Nursing	Tutor	24.03.2023	Contractual
16	Mrs. Jyoti Grace Masih	Nursing	Clinical Instructor	16.12.2023	Contractual
17	Mrs. Priyanka Singh	Nursing	Clinical Instructor	16.12.2023	Contractual

FACULTY SUPERANNUATED

Name of Faculty	Department	Designation	Date of Joining	Date of Retirement
Dr. Jyotsna Agarwal	Anaesthesiology	Professor	12.06.1986	28.11.2022
Dr. Vinod Jain	Surgery (General)	Professor	18.12.2004	05.10.2022
Dr. R.K. Singh	Oral & Maxillofacial Surgery	Professor	03.08.1991	31.08.2022
Dr. Vineet Sharma	Orthopaedic Surgery	Professor & Head	03.03.1986	31.10.2023
Dr. R.N.Srivastava	Orthopaedic Surgery	Professor	17.05.1995	28.05.2023
Dr. Shalley Awasthi	Pediatrics	Professor & Head	05.11.1988	06.09.2023
Dr. A.P. Tikku	Conservative Dentistry & Endodontics	Professor & Head	09.08.1986	03.12.2023
Dr. Sunil Kumar	Radio Diagnosis	Professor	21.03.1991	05.03.2023

OBITUARY

S.No.	Name of Faculty	Designation	Department Name	Date of Death
2	Dr. Ambrish Kumar	Professor	Anaesthesiology	01.06.2022
3	Dr. Santosh Kumar	Professor	Orthopaedic Surgery	07.07.2022
4	Dr. P.K. Mukherjee	Professor	Respiratory Medicine	24.0.2022
5	Dr. Ashutosh Kumar	Professor	Pathology	27.08.2023
6	Dr. R.C. Saxena	Professor	Ophthalmology	27.08.2023
7	Dr. Anoop Kumar Wahal	Professor	General Surgery	27.11.2022
8	Dr. V.D. Sharma	Professor	Orthopaedic Surgery	01.01.2023
9	Dr. Divya Mehrotra	Professor	Oral and Maxillofacial Surgery	19.04.2023

Awards list for Convocation, 2023

Akshita Vishwandadha (MBBS)

- ✦ The “Hewett” Gold Medal
- ✦ Sri Gaya Prasad Tandon Memorial Gold Medal
- ✦ Sri Desh Deepak Memorial Gold Medal
- ✦ S.D.K. Gold Medal
- ✦ Indra Rani and Laxmi Narain Saxena Memorial Gold Medal
- ✦ Professor Satish Chandra Dhasman Gold Medal
- ✦ Late Dr. Ram Behari Singh Rathor Gold Medal
- ✦ Selby Memorial Gold Medal
- ✦ Rai Bahadur Kanauji Lal Gold Medal

Lipika Agrwal (MBBS)

- ✦ Chancellor’s Medal
- ✦ University Honours Medal
- ✦ Prof. U.C. Chaturvedi Gold Medal
- ✦ Late (Prof.) A.D. Engineer Gold Medal
- ✦ Smt. Kaushalya Devi Dhawan Memorial Gold Medal
- ✦ Prof. K.B. Kunwar Memorial Gold Medal Pathology, Pharmacology and Medicine
- ✦ Prof. P.C. Dubey Memorial Gold Medal
- ✦ The Gold Medal presented by the Provincial Medical Services Association
- ✦ Dr. RKD Misra Memorial Centenary Gold Medal
- ✦ Dr. Amy Engineer Book Prize
- ✦ Silver Jubilee Re-Union (1949-1954) MBBS Batch Book
- ✦ Mrs. D.P. Trust Cash Prize of Rs. 1000/-

Akshar Kant (MBBS)

- ✦ Dr. R.M.L.Mehrotra Memorial Gold Medal

Pranjali Singh (BDS)

- ✦ Dr. H.D. Gupta Memorial Gold Medal & Cash Prize of Rs. 10,000
- ✦ Professor M.N.Mathur Gold Medal”
- ✦ Dr. Govila Gold Medal
- ✦ Dr. Pradeep Jayana Gold Medal
- ✦ “Dr. (Smt.) Santosh Jain Memorial Gold Medal
- ✦ Vedavati Sheila Gold Medal
- ✦ “Sri Tribhuwan Nath Ram Dulari Memorial Gold Medal

Dr.Nikita Diwan

- ✦ Late Dr. Janhvi Dutt Pandey Scholarship Award of Rs. 30000/= for the best MD/MS thesis from among all submitted in 2023.

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