



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



SCHOOL OF MEDICAL & ALLIED SCIENCES

NEWSLETTER

April – June 2026





K.R. MANGALAM UNIVERSITY

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MESSAGE FROM THE CHANCELLOR



PROF. (DR.) DINESH SINGH

Chancellor
K.R. Mangalam University



Dear Readers,

It gives me great pleasure to present this edition of the School Newsletter, which reflects the vibrant academic culture, innovative spirit, and remarkable achievements of the K.R. Mangalam University community.

At KRMU, we believe that education is about inspiring minds, nurturing values, and empowering learners to create meaningful impact. The accomplishments showcased in these pages are a testament to the dedication of our students, faculty, and staff in their pursuit of excellence.

I congratulate everyone who has contributed to this publication and wish our University community continued success as we strive to innovate, lead, and serve society with knowledge, integrity, and purpose.



MESSAGE FROM THE VICE CHANCELLOR



PROF. (DR.) ANIL KUMAR SAINI

Vice Chancellor
K.R. Mangalam University



Dear Readers,

Every edition of our school newsletter is a reflection of the vibrant academic life that defines K.R. Mangalam University. It is always encouraging to witness the remarkable efforts of our students and faculty as they explore new ideas, celebrate achievements, and contribute to a culture of learning and innovation.

At KRMU, we are committed to creating an environment where talent is nurtured, curiosity is encouraged, and every learner is empowered to reach their full potential. Through academic excellence, research, industry engagement, and community initiatives, our schools continue to prepare students with the knowledge, skills, and values needed to succeed in an evolving global landscape.

I extend my sincere appreciation to everyone whose dedication has made these accomplishments possible. I also commend the editorial team for bringing together the stories that showcase the spirit and aspirations of our university community.

May this newsletter inspire us to continue learning, collaborating, and setting new benchmarks of excellence in the years ahead.



MESSAGE FROM THE DEAN ACADEMIC AFFAIRS



PROF. (DR.) VARUNA TYAGI

Dean Academics
K.R. Mangalam University



Dear Readers,

This newsletter offers a wonderful glimpse into the many learning experiences, achievements, and initiatives that make our academic community vibrant and dynamic. It is heartening to see our students and faculty continually pushing boundaries, embracing new opportunities, and contributing to a culture of excellence.

Academic excellence is built through curiosity, discipline, collaboration, and the willingness to learn beyond the classroom. At K.R. Mangalam University, we strive to create an enriching academic ecosystem where innovative teaching practices, experiential learning, research, and interdisciplinary engagement help students grow into confident and capable professionals.

As you read through these pages, I hope you find inspiration in the stories of perseverance, creativity, and achievement that represent the collective efforts of our schools. My sincere appreciation goes to the faculty, students, and staff whose dedication has made these accomplishments possible, and to the editorial team for showcasing them with such care.

I wish our entire KRMU community continued success as we learn, grow, and achieve together.



MESSAGE FROM THE DEAN RESEARCH



PROF. (DR.) SEEMA RAJ

Dean Research
K.R. Mangalam University



Dear Readers,

Research is the foundation of discovery, innovation, and meaningful progress. As I read through this edition of our newsletter, I am delighted to see the growing culture of inquiry and intellectual exploration flourishing across our schools. The accomplishments featured here reflect the curiosity, perseverance, and collaborative spirit of our students, scholars, and faculty members.

At K.R. Mangalam University, we are committed to fostering a research ecosystem that encourages asking meaningful questions, exploring interdisciplinary solutions, and creating knowledge that addresses real-world challenges. From publications and funded projects to innovation, entrepreneurship, and community-focused initiatives, our academic community continues to demonstrate that research is most impactful when it creates value for society.

I congratulate everyone whose dedication has contributed to these achievements and appreciate the editorial team for documenting these inspiring milestones. May this newsletter encourage all our learners and researchers to continue exploring new ideas, embracing collaboration, and contributing to a future driven by knowledge and innovation.



MESSAGE FROM THE DEAN STUDENTS' WELFARE



DR. SHWETA A. BANSAL

Dean Students Welfare
K.R. Mangalam University



Dear Readers,

A vibrant campus is built not only on academic excellence but also on the holistic growth and well-being of its students. It gives me immense pleasure to present this edition of our newsletter, which showcases the enthusiasm, creativity, leadership, and achievements of our students across academics, sports, cultural activities, community engagement, and beyond.

At K.R. Mangalam University, we are committed to creating an inclusive and nurturing environment where every student is encouraged to discover their potential, embrace new opportunities, and grow into responsible, compassionate, and confident individuals. The accomplishments featured in these pages reflect the dedication of our students, faculty mentors, and the entire University community.

I congratulate everyone who has contributed to these inspiring achievements and appreciate the editorial team for bringing together these memorable moments. May this newsletter continue to motivate our students to dream bigger, lead with integrity, and contribute meaningfully to society.



MESSAGE FROM THE DEAN'S DESK



**PROF. (DR.) HEMA
CHAUDHARY**

Professor & Dean
School of Medical Allied Science
K.R. Mangalam University



Dear Students, Faculty Members, Researchers, and Esteemed Stakeholders,

It gives me immense pleasure to present this edition of the School of Medical and Allied Sciences (SMAS) Newsletter, showcasing the academic achievements, research advancements, and outreach initiatives of our institution.

At SMAS, we are committed to excellence in education, innovation, and healthcare research. Through quality teaching, research, skill development, and community engagement, we continue to nurture competent healthcare professionals equipped to address emerging global challenges.

I sincerely appreciate the dedication of our faculty, researchers, students, and staff, whose collective efforts have strengthened the academic and research excellence of SMAS. Their commitment continues to inspire innovation, collaboration, and meaningful societal impact.

I hope this newsletter reflects our shared accomplishments and motivates our community to pursue greater excellence in education, research, and healthcare.

Warm regards



MESSAGE FROM EDITOR, IQAC COORDINATOR



DR. SHIKHA DUTT SHARMA

Editor, IQAC Coordinator
K.R. Mangalam University



Dear Readers,

It is a pleasure to present this edition of the SMAS Newsletter, which reflects the quality-driven culture and academic excellence of the School of Medical and Allied Sciences. The achievements featured in this edition—including research publications, patents, conferences, industrial visits, and outreach initiatives—demonstrate our commitment to continuous improvement and innovation.

The Internal Quality Assurance Cell (IQAC) remains dedicated to strengthening academic quality, outcome-based learning, and research excellence. The accomplishments of our faculty and students showcased here reaffirm our collective pursuit of excellence and meaningful societal impact.

Warm regards



EDITORIAL MESSAGE



**PROF. (DR.) HEMA
CHAUDHARY**

Professor & Dean
School of Medical Allied
Science
K.R. Mangalam University



**MR. DEBASHISH
PARAMANICK**

Assistant Professor
(Senior Scale)
School of Medical Allied Science
K.R. Mangalam University



Dear Readers,

It is our pleasure to present this edition of the School of Medical and Allied Sciences (SMAS) Newsletter, highlighting the academic, research, and co-curricular achievements of our students, faculty, and staff. This edition reflects the vibrant learning environment and the collective commitment of our community to excellence, innovation, and societal impact.

Within these pages, you will find key milestones, research accomplishments, workshops, outreach initiatives, and student achievements that showcase the spirit of collaboration and continuous learning at SMAS.

We sincerely thank all contributors, faculty mentors, event coordinators, and students whose dedication has made this publication possible. We hope this edition inspires continued excellence and encourages greater participation in future academic and research endeavours.

Warm regards



ABOUT K.R. MANGALAM UNIVERSITY

Established in 2013 under the Haryana Private Universities Act by the esteemed, K.R. Mangalam Group, K.R. Mangalam University (KRMU) has swiftly emerged as a leading private university in India. Known for its commitment to fostering academic excellence and holistic development, KRMU offers a dynamic learning environment that integrates traditional education with innovative practices. The university provides a diverse array of undergraduate, postgraduate, and doctoral programmes across various disciplines, including engineering, management, law, and the arts.

KRMU's state-of-the-art campus, located in Gurugram, Haryana, boasts modern facilities, advanced laboratories, and extensive research opportunities, ensuring that students receive a world-class education. The university is dedicated to nurturing future leaders by emphasising a curriculum that blends theoretical knowledge with

practical experience. With a faculty composed of seasoned academicians and industry experts, KRMU ensures that its students are equipped with the skills and knowledge required to excel in a globalised world. The university's commitment to excellence extends beyond academics to include a vibrant campus life with numerous extracurricular activities, clubs, and societies. KRMU's focus on holistic development aims to shape well-rounded individuals who are not only academically proficient but also socially responsible and globally aware. As a testament to its quality, KRMU has garnered various accolades and partnerships with leading global institutions, further enhancing its reputation as a premier destination for higher education in India. With a vision to become a center of academic and professional excellence, K.R. Mangalam University continues to innovate and expand, preparing its students to meet the challenges of the future with confidence and competence.

VISION

K.R. Mangalam University aspires to become an internationally recognized institution of higher learning through excellence in inter-disciplinary education, research, and innovation, preparing socially responsible life-long learners contributing to nation building.

MISSION IS TO

- Foster employability and entrepreneurship through futuristic curriculum and progressive pedagogy with cutting-edge technology.
- Instil notion of lifelong learning through stimulating research, outcomes-based education, and innovative thinking.
- Integrate global needs and expectations through collaborative programmes with premier universities, research centres, industries, and professional bodies.
- Enhance leadership qualities among the youth having understanding of ethical values and environmental realities.

CORE VALUES

- 1. Excellence:** We are committed to achieving the highest standards in education, research, and service, continually striving for excellence in all our endeavors.
- 2. Integrity:** We uphold the principles of honesty, transparency, and ethical conduct in all our interactions and practices, cultivating a culture of trust and respect.
- 3. Innovation:** We encourage creativity and innovation in teaching, learning, and research, continuously exploring new ways to solve problems and advance knowledge.

4. Inclusivity: We embrace diversity and promote an inclusive environment where everyone is valued and empowered to contribute to their fullest potential.

5. Lifelong Learning: We promote the continuous pursuit of knowledge and skills, encouraging our students, faculty, and staff to remain curious and adaptable in an ever-changing world.

6. Social Responsibility: We are dedicated to making a positive impact on society through education, research, and community engagement, aiming to address global challenges and promote sustainable development.

ACCREDITATIONS, RECOGNITIONS & APPROVALS



National Assessment and Accreditation Council (NAAC).

K.R. Mangalam University has been accredited with an “A” Grade in its First Cycle by the National Assessment and Accreditation Council (NAAC).



University Grants Commission, (UGC)

K.R. MANGALAM UNIVERSITY HAS BEEN RECOGNISED BY UNIVERSITY GRANTS COMMISSION, NEW DELHI UNDER SECTION 2(F) OF UGC ACT, 1956 WHEREIN THE UNIVERSITY IS EMPOWERED TO AWARD DEGREES, AS SPECIFIED UNDER SECTION 22 OF THE UGC ACT, 1956.



Established by the State Government

K.R. Mangalam University has been established as State Private University by the State Legislature of Haryana under the Haryana Private Universities Act 2006 (Amended 08 of 2013).



Bar Council of India (BCI)

The Bar Council of India (BCI) has approved the Law courses of K.R. Mangalam University viz LL.B. (Hons.), B.A. LL.B. (Hons.), B.Com. LL.B. (Hons.), BBA LL.B. (Hons.), LL.B. (Hons.) and LL.M. Degree Courses.



Council of Architecture (COA)

The Council of Architecture has approved K.R. Mangalam University for imparting 5 year full time B.Arch Degree Course.



Pharmacy Council of India (PCI)

The Pharmacy Council of India has approved K.R. Mangalam University for imparting Diploma in Pharmacy, B.Pharm. and M. Pharm. (Pharmaceutics and Pharmacology) courses.



National Council for Teacher Education (NCTE)

The National Council for Teacher Education (NCTE) has recognised K.R. Mangalam University for imparting Teacher Education Courses viz. B.Ed. and B.El.Ed.

ACCREDITATIONS, RECOGNITIONS & APPROVALS



Ministry of Micro, Small and Medium Enterprises

K.R. Mangalam University has collaborations with the Ministry of Micro, Small and Medium Enterprises (MSME) to promote entrepreneurship, innovation and skill development through training programs and workshops.



Handicrafts and Carpet Sector Skill Council (HCSSC)

K.R. Mangalam University has signed an MoU with the Handicrafts and Carpet Sector Skill Council (HCSSC) to integrate vocational and general education. This partnership will offer skill development training and industry exposure in the handicrafts and carpet sectors.



National Stock Exchange of India Limited, Mumbai

K.R. Mangalam University partnered with NSE to offer NCFM certification courses, covering 41 modules from Basic to Advanced levels, boosting students' employability.



Ministry of Electronics & Information Technology (MeitY), Government

KEIC Foundation signed an MoU with STPI under MeitY to strengthen India's entrepreneurial ecosystem, promote innovation and create opportunities for start-ups, driving sustainable growth.



The Institute of Company Secretaries of India (ICSI)

K.R. Mangalam University has signed an MoU with ICSI under the ICSI Academic Collaboration Initiative to promote joint research, workshops and professional development opportunities for students and academics.



Council for Teachers Professional Development India (CTPD India)

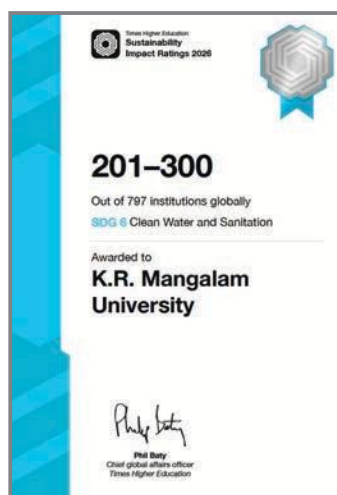
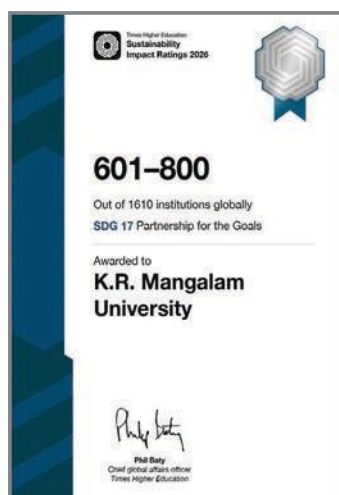
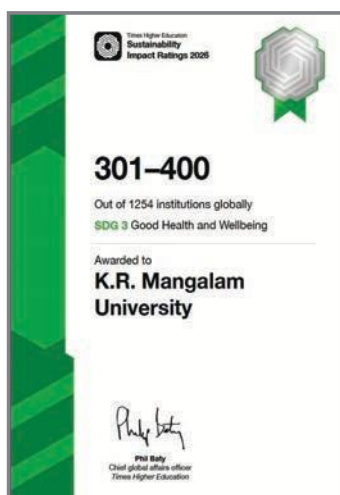
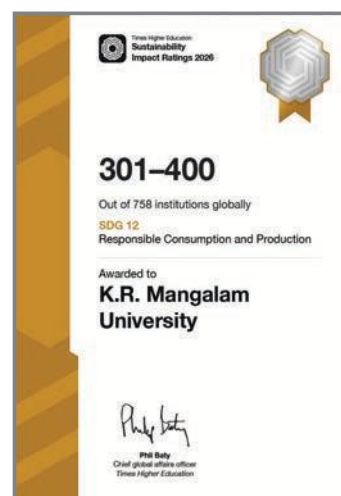
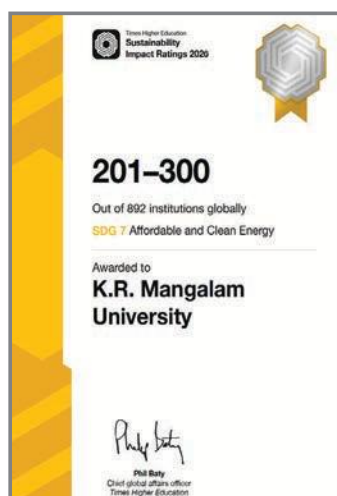
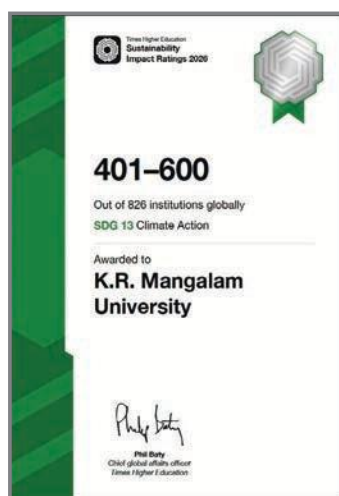
K.R. Mangalam University signed an MoU with CTPD India to enhance academic collaboration, research and teacher training, focusing on competency building, skill development and professionalism in education.



DSIR Recognition (Scientific & Industrial Research Organization - SIRO)

K.R. Mangalam University has been registered by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India, as a Scientific and Industrial Research Organization (SIRO), recognizing its commitment to excellence in research and innovation. The registration is valid until 31 March 2029 and enables the University to avail applicable benefits under Government of India notifications for research institutions.

RANKING



MEMBERSHIPS OF INDUSTRY & PROFESSIONAL ASSOCIATIONS



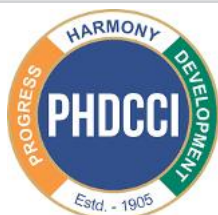
Association of Commonwealth Universities (ACU)



Association of Indian Universities (AIU)



Federation of Indian Chambers of Commerce & Industry (FICCI)



PHD Chamber of Commerce & Industry (PHDCCI)



The Associated Chambers of Commerce & Industry of India (ASSOCHAM)



Confederation of Indian Industry (CII)



All India Management Association (AIMA)

ABOUT SCHOOL: VISION & MISSION

ABOUT THE SCHOOL

Welcome to the School of Medical & Allied Sciences (SMAS), where your journey toward a rewarding healthcare career begins.

SMAS is dedicated to providing comprehensive education and training across various healthcare disciplines. The school offers Diploma, Undergraduate, Postgraduate, and Doctoral programs in medical and allied sciences.

With experienced faculty, advanced infrastructure, and immersive learning opportunities, SMAS plays a vital role in shaping future healthcare professionals. Our focus is to equip students with the knowledge, skills, and ethical values necessary to deliver high-quality care and contribute to global healthcare advancement.

VISION

To contribute to societal healthcare needs by developing a skilled, motivated, and accessible workforce committed to achieving health for all.

MISSION

- To develop self-motivated, independent, and socially responsible healthcare professionals catering to academia, industry, and research.
- To establish a center of excellence in pharmaceutical and allied health sciences through interdisciplinary approaches and strong industry-academia collaboration.
- To promote transformational research for societal benefit.
- To integrate pharmaceutical and allied health sciences with interdisciplinary life sciences.



MEMBERS OF ADVISORY COMMITTEE



Prof. B. Suresh Pro-Chancellor
JSS Academy of Higher
Education & Research
Ex-President of Pharmacy
Council of India



Dr. Jayapala Reddy
Vice President & Head
Emerging Markets of MSN Labs,
Hyderabad



Prof. Vandana B. Patravale
Professor, Department of
Pharmaceutical
Sciences & Technology,
Institute of Chemical
Technology (ICT), Mumbai

Dear Readers,

It is with great pleasure that we present this edition of the School of Medical and Allied Sciences (SMAS) Newsletter. This publication reflects the collective efforts, achievements, and aspirations of our students, faculty members, researchers, and staff who continuously strive for excellence in education, research, and community engagement.

As members of the Advisory Committee, we are delighted to witness the remarkable progress made by the School in fostering an environment of academic rigor, innovation, and professional development. The diverse range of activities highlighted in this newsletter—including seminars, workshops, research initiatives, outreach programs, industrial interactions, and student accomplishments—demonstrates the institution's commitment to holistic education and societal impact.

In today's rapidly advancing scientific and healthcare landscape, the importance of interdisciplinary learning, research-driven innovation, and ethical professional practices cannot be overstated. We encourage students and faculty alike to continue embracing opportunities that enhance knowledge, critical thinking, leadership, and social responsibility.

We congratulate all contributors whose dedication and hard work have made these achievements possible. Their commitment not only enriches the academic culture of the institution but also contributes significantly to the advancement of healthcare and pharmaceutical sciences.

Warm regards



MoU signing with Medsource Ozone Biomedicals Pvt. Ltd.

COLLABORATION

K.R. MANGALAM UNIVERSITY AND MEDSOURCE OZONE BIOMEDICALS PVT. LTD. FORGE STRATEGIC ALLIANCE FOR HEALTHCARE INNOVATION

We are thrilled to announce a significant milestone in our journey toward academic excellence and industry integration! On May 16, 2026, K.R. Mangalam University (KRMU) officially entered into a Memorandum of Understanding (MoU) with Medsource Ozone Biomedicals Pvt. Ltd. (MOBPL), a premier name in the in-vitro diagnostic medical devices industry.

Through this alliance, KRMU students gain access to a highly specialized diagnostic environment, equipping them with the cutting-edge competencies required in today's healthcare market. Concurrently, Medsource Ozone Biomedicals will tap into KRMU's vast, skilled talent pool and benefit from academic-driven problem-solving and research publication support from our esteemed faculty and scholars.

- **Industry-Driven Exposure:** Providing students with direct exposure to advanced diagnostic practices and training.
- **Joint Research & Development:** Promoting collaborative research, product development, and validation studies in the biomedical field.
- **Knowledge Exchange:** Sharing expertise, R&D infrastructure, datasets, and technical insights to solve real-world healthcare challenges.
- **Talent Nurturing:** Offering specialized internships, industrial visits, and expert guest lectures

RESEARCH & INNOVATION

Type	Title	Authors	Journal Name / Book Conference proceeding publisher	Journal publisher / Book Title / conference Proceeding Name	P-ISSN/ P-ISBN	Date of Publication/ Awarded
Journal	MicroRNA-mediated regulation of inflammatory gene expression in asthma	Dr. Madhuri Grover,	Inflammopharmacology	Springer	0925-4692	06/05/26
Journal	Therapeutic promise and toxicological challenges of brucine: A comprehensive review	Mr. Mohit Agrawal, Ms. Samiksha Mishra	Pharmacological Research - Modern Chinese Medicine	Elsevier	2667-1425	5/30/26
Journal	Curcumin-Loaded Nanocarriers For Dermatological Applications: Current Advances And Biomedical Implications	Dr. Sonia Yadav	EXCLI Journal	Leibniz Research Centre for Working Environment and Human Factors		5/25/26
Journal	From nutrients to health outcomes: integrating diet, disease risk, and lifelong wellness	Dr. Monika Kaushik	3 Biotech	Springer	2190-572X	5/20/26
Journal	Mitochondrial Function in Neurons and Glia in Health and Its Alteration in Parkinson's Disease: A Review	Dr. Monika Kaushik	Current Neuropharmacology	Bentham Science Publishers	1570-159X	5/15/26
Journal	Quality by Design(qbD)-guided formulation and Optimization of Rutin Loaded Mucoadhesive in Situ hydrogel for targeted management of radiation -induced oral mucositis	Dr. Khushboo Saxena	IJDDT	International Journal of Drug Delivery Technology	0975 4415	4/29/26
Journal	International Journal of Zoological Investigations	Dr. Rishi Pal	International Journal of Zoological Investigations	Saran Publication		4/22/26
Journal	The central role of EMT in tumor progression: mechanistic drivers, biomarker discovery, and therapeutic horizons	Mr. Mohit Agrawal	Frontiers in Pharmacology	Frontiers	1663-9812	05/08/26

Type	Title	Authors	Journal Name / Book Conference proceeding publisher	Journal publisher / Book Title / conference Proceeding Name	P-ISSN/ P-ISBN	Date of Publication/ Awarded
Journal	Topical Nimesulide Gel for the Management of Skin Inflammation: A Comprehensive Review	Dr. Sunil Kumar	International Journal of Drug Delivery Technology	International Journal of drug Delivery Technology	0975 4415	05/04/26
Journal	Macrophage-derived long non-coding RNAs in cancer: pioneering targets for immune modulation and personalized therapy	Mr. Mohit Agrawal	Frontiers in Immunology	Frontiers	1664-3224	05/01/26
Journal	Signaling Pathways Triggering Therapeutical Potential of Marine, ÆDerived Polysaccharides in Alzheimer,Ås Disease: A Recent Review	Mr. Mohit Agrawal	Molecular Neurobiology	Springer Nature	0893-7648	4/27/26
Journal	Network pharmacology and machine learning-driven virtual screening with dynamics simulations of natural compounds for glioblastoma	Mr. Mohit Agrawal	Letters in Drug Design & Discovery	Elsevier	1570-1808	04/02/26
Journal	From Nutrients to Health Outcomes: Integrating Diet, Disease Risk, and Lifelong Wellness	Dr. Monika Kaushik	3 Biotech	Springer nature	2190-5738	5/23/26
Journal	Mitochondrial Function in Neurons and Glia in health and its alteration in Parkinson disease: A review	Dr. Monika Kaushik	Current Neuropharmacology	Bentham Science Publishers	1875-6190	5/20/26
Journal	Multi-target vanillin-derived hydrazones: Cholinesterase and MAO-A inhibition, antioxidant activity and molecular modeling toward Alzheimer,Ås disease	Mr. Mohit Agrawal	Journal of Molecular Structure	Elsevier	0022-2860	4/16/26
Journal	Harnessing technology and AI-driven innovations in diabetes management: addressing clinical challenges and the rising global burden	Dr. Parakh Basist ,Mr. Mohit Agrawal	International Journal of Diabetes in Developing Countries	Springer Nature	0973-3930	4/13/26

BOOKS & BOOK CHAPTERS

Type	Title	Authors	Journal Name / Book Conference proceeding publisher	Journal publisher / Book Title / conference Proceeding Name	P-ISSN/P-ISBN	Date of Publication/ Awarded
Book Chapter	Pioneering Technologies in the management of Diabetic Neuropathy	Dr. Saroj Yadav	Antioxidants and Functional Foods for Diabetic Neuropathy	Springer Nature	978-981-95-9325-5	5/22/26
Book	Physical Pharmaceutics practical	Dr Neha Singh	IJPHI GLOBAL PUBLISHER PVT.LTD. IJPHI (International Journal of Pharmaceutical and Healthcare Innovation)	IJPHI GLOBAL PUBLISHER PVT.LTD. IJPHI (International Journal of Pharmaceutical and Healthcare Innovation)	978-81-997146-0-1	4/17/26
Book Chapter	Current Challenges Against Lung Cancer Therapy	Mr. Yash Jasoria	Lung Cancer Overview & Therapies	Taylor & Francis	9781779640239	4/14/26
Book Chapter	Role of Nanoemulsions in Lung Cancer Management	Mr. Yash Jasoria	THE ROLE OF NANOTECHNOLOGY IN HOLISTIC LUNG CANCER MANAGEMENT AND TREATMENT	Taylor & Francis, CRC Press	981779640208	04/08/26
Book Chapter	Introduction to COPD	Mr. Mohit Agrawal	Advanced Drug Delivery Systems in Management of Chronic Obstructive Pulmonary Disease	Taylor & Francis, Routledge	978-1-032-81259-5	5/15/26
Book Chapter	Current Challenges Against Lung Cancer Therapy	Mr. Mohit Agrawal	Lung Cancer Overview and Therapies	Taylor & Francis	9781779640239	5/14/26
Book Chapter	Role of Nanoemulsions in Lung Cancer Management	Mr. Mohit Agrawal	The Role of Nanotechnology in Holistic Lung Cancer Management and Treatment	Taylor & Francis, CRC Press	9781779640208	5/14/26
Book Chapter	Heterocyclic Molecules as an Active Pharmaceutical Ingredient: An Introduction	Dr. Debashish Paramanick	Heterocyclic Compounds as Pharmaceutical Ingredients	Wiley Scrivener Publisher	9781394284801	05/05/26
Book Chapter	Heterocyclic Compounds as Anticonvulsants, Antipyretics, Antiallergic Agents, and Ant-leprosy Agents	Dr. Debashish Paramanick	Heterocyclic Compounds as Pharmaceutical Ingredients	Wiley Scrivener Publisher	9781394284801	05/05/26

PATENTS

Type	Title	Authors	IPR	Journal Name / Book Conference proceeding publisher	E-ISSN / E-ISBN / Patent. No / Application. No	Date of Publication/ Awarded
Patent	Fast Dissolving Sublingual Film of Diethylcarbamazine Citrate for Enhanced Anti-Filarial Therapy	Dr. Hema Chaudhary, Ms. Samiksha Mishra	Patent Published	Indian	202611020601 A	4/24/26
Patent	A Lavender Essential Oil Microemulsion-Based Hydrogel Composition For Topical Treatment of Acne	Dr. Hema Chaudhary, Ms. Samiksha Mishra	Patent Published	Indian	202611020599 A	4/24/26
Patent	Quercetin-Loaded Nanostructured Lipid Carrier Gel for Topical Treatment of Atopic Dermatitis	Dr. Hema Chaudhary, Ms. Samiksha Mishra	Patent Published	Indian	202611020598 A	4/24/26
Patent	A Naringenin-Loaded Superparamagnetic Iron Oxide Nanoparticle Composition for Targeted Treatment of Alzheimer's Disease	Dr. Hema Chaudhary, Mr. Mohit Agrawal, Ms. Samiksha Mishra	Patent Published	Indian	202611020596 A	4/24/26
Patent	Acid-Protective Self-Nanoemulsifying Drug Delivery System of Lansoprazole for Oral Treatment of Peptic Ulcer Disease	Dr. Hema Chaudhary, Ms. Samiksha Mishra	Patent Published	Indian	202611020595 A	4/24/26
Patent	Neuro signaling monitoring and cognitive brainwave analysis device	Ms. Susmita Kumari Yadav		Indian	503865-001	06/10/26
Patent	Artificial intelligence - optimized nanoemulsion system for enhanced bioavailability of herbal therapeutics	Ms. Susmita Kumari Yadav	Patent Granted	Indian	2.02611E+11	5/22/26
Patent	Computational Identification and Optimization of Phenolic MurF Enzyme Inhibitors for Broad-Spectrum Antimicrobial Therapy	Ms. Manisha Singh	Patent Published	Indian	202611022959 A	4/17/26
Patent	Plant extract stabilized metallic nanoparticles for antimicrobial therapy	Dr. Manisha Bhatti	Patent Granted	Indian	2.02611E+11	6/26/26
Patent	Heat Stretchable Garment For Menstrual Relief With Removable Dual-Zone Heating Inserts	Dr. Narender Yadav, Mr. Indrajeet Kumar, Ms. Versha Verma, Ms. Annu Yadav	Patent Published	Indian	202611027077 A	05/01/26

Type	Title	Authors	IPR	Journal Name / Book Conference proceeding publisher	E-ISSN / E-ISBN / Patent. No / Application. No	Date of Publication/ Awarded
Patent	Self-Micro emulsifying Drug Delivery System of Telmisartan	Dr. Khalid Basir Mir		Indian	202611027136 A	05/01/26
Patent	Solid Dispersions of Aceclofenac and Preparation Method	Dr. Khalid Basir Mir	Patent Published	Indian	202611027135 A	05/01/26
Patent	A Mucoadhesive Buccal Film Composition of Donepezil Hydrochloride for Controlled Release in Alzheimer, Ås Disease	Dr. Khalid Basir Mir	Patent Published	Indian	202611020600 A	4/24/26
Patent	Atorvastatin-Loaded Chitosan-Based Mucoadhesive Nanoemulsion for Intranasal Brain Targeting	Dr. Khalid Basir Mir	Patent Published	Indian	202611020597 A	4/24/26
Patent	A Stable Amorphous Solid Dispersion Composition of Glyburide with Poloxamer-188 and a Process for Preparing the Same	Dr. Khalid Basir Mir	Patent Published	Indian	202611020594 A	4/24/26
Patent	A Lemongrass Oil Nanoemulsion-Based Emulgel Composition for Topical Treatment of Rheumatoid Arthritis	Dr. Khalid Basir Mir	Patent Published	Indian	202611020593 A	4/24/26
Patent	A Rapid RP-HPLC Bioanalytical Method for Quantitative Determination of Glyburide in Biological Plasma Samples	Dr. Khalid Basir Mir	Patent Published	Indian	202611020592 A	4/24/26
Patent	A Niosomal Topical Spray Composition of Itraconazole and a Process for Preparing the Same	Dr. Khalid Basir Mir	Patent Published	Indian	202611020591 A	4/24/26
Patent	A Quercetin and Caffeic Acid Composition Targeting AKT1 and GSK3B for Treatment of type 2 Diabetes Mellitus	Dr. Debashish Paramanick	Patent Published	INDIAN	2.02611E+11	04/03/26
Patent	Dithranol Emulgel Formulation for the Treatment of Psoriasis Disease	Dr. Khalid Basir Mir	Patent Published	Indian	202611017304 A	04/03/26

PHARMACEUTICAL SCIENCES & RESEARCH UPDATE

REGULATORY & POLICY WATCH

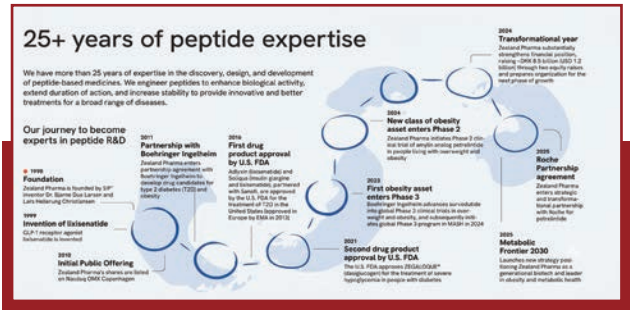
- **Medicare Price Negotiation Outcomes:** The industry watched closely as the Centers for Medicare & Medicaid Services (CMS) pushed through its latest evaluation rounds. Manufacturers locked in full participation, setting a precedent for heavy price adjustments on high-expenditure drugs.
- **The 12-Digit NDC Transition:** The FDA's standardization push toward a uniform 12-digit National Drug Code (NDC) format continues to dominate pharmacy supply-chain IT meetings. Manufacturers and systems are racing to ensure software compatibility before enforcement timelines tighten.
- **Antimicrobial Resistance (AMR) Cracking Down:** Global regulators, including the CDSCO and FDA, introduced stricter mandates for veterinary oversight and environmental waste management, aiming to curb pharmaceutical effluent from fueling drug-resistant "superbugs."



CLINICAL BREAKTHROUGHS & THERAPEUTICS

- **The Next-Gen Obesity Wave:** While Semaglutide formulations continue to drive historic revenue, Q2 clinical readouts highlighted highly competitive entries from Roche and Zealand Pharma, reporting high-percentage weight-loss efficacy and improved gastrointestinal tolerability profiles.
- **Oncology and CAR-T Workflows:** Emerging trends showcased at recent industry conferences highlighted a shift in oncology pharmacy toward mitigating the steep logistics and high manufacturing friction associated with autologous (patient-derived) cell therapies.
- **Long-Term Guideline Overhauls:** For the first time in 14 years, the KDIGO (Kidney Disease:

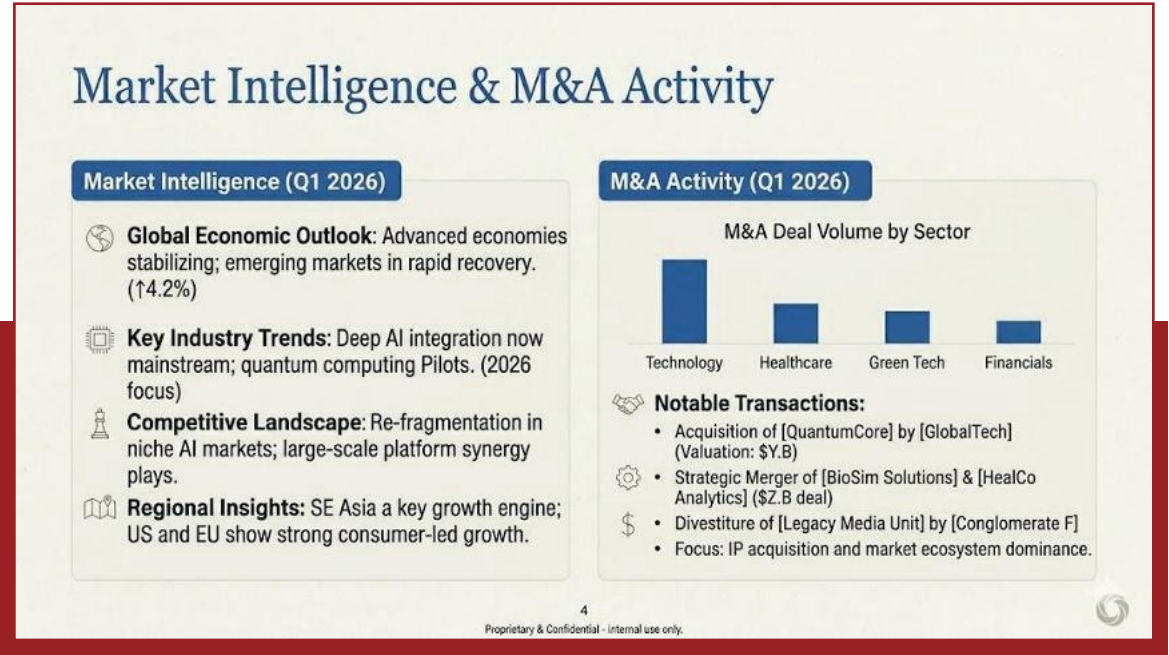
Improving Global Outcomes) organization officially updated its clinical practice guidelines for managing anemia in Chronic Kidney Disease (CKD), establishing modern therapeutic thresholds.



MARKET INTELLIGENCE M & A ACTIVITY

The M&A landscape saw a strategic pivot toward securing specialty assets and expanding geographic footprint, balancing high capital costs with robust pipeline diversification.

Key Deal / Asset	Strategic Impact
Sun Pharma US Expansions	Backed by substantial institutional funding to execute high value cross-border integration and specialty portfolio scaling.
Lupin Biosimilar Approvals	Secured critical FDA nods for Rani bizumab biosimilars, driving down costs significantly in long-term ophthalmology care.
AI-Designed Vaccine Steps	World-first fully AI-generated vaccine formulations made significant regulatory leaps into early-stage human clinical trials.



SUPPLY CHAIN & OPERATIONS CHECK

Critical Shortage Notice

Acute supply volatility hit frontline chemotherapy drugs this quarter. In response, health systems are rapidly shifting toward proactive risk-modeling over traditional "just-in-time" inventory practices to protect patient care continuity.

- **Pharmacovigilance Re-platforming:** Regulators issued fresh warnings advising drugmakers to tightly upgrade their data intake infrastructure as legacy safety monitoring systems struggle to handle high volumes of post-market data.
- **The Limits of AI in Clinical Support:** While AI is transforming drug discovery, multi-center studies published this quarter revealed that large language models still fall short when managing highly complex, multi-morbid real-world hospital cases—reaffirming the irreplaceable role of human clinical pharmacists.



FACULTY ACHIEVEMENT



We are proud to share that Ms. Susmita Kumari Yadav, Assistant Professor at the School of Medical and Allied Sciences, K.R. Mangalam University, Gurugram, was recently honored as an Invited Speaker at the 4th International Conference on Recent Trends in Materials Science & Devices (ICRTMD 2026). The prestigious event was organized by the Department of Physics at JVMGRR College, Charkhi Dadri, Haryana, from April 6–8, 2026.

STUDENTS' ACHIEVEMENT



The students of the School of Medical and Allied Sciences, K.R. Mangalam University, achieved a significant milestone by winning the Best Poster Presentation Award at the Two-Day International Conference, PASAI-2026, held on 27–28 April 2026. The conference, themed "Pharma and Allied Sciences in the Age of AI: Innovations & IPR Strategies," served as a platform for presenting innovative research and exchanging scientific knowledge among researchers, academicians, and industry experts. This recognition is a testament to the students' research capabilities, creativity, and dedication to advancing pharmaceutical and allied sciences through innovative approaches.

EVENTS CORNERS

PHARMA ANVESHAN 2026: FOSTERING EVOLVING PHARMACEUTICAL ECOSYSTEMS

Theme: "Future Pharma Ecosystem: Fostering Synergy Among Academia, Industry, Research, Regulatory and Practice"

Date & Venue: 30th April 2026 | Seminar Hall B.115 (Offline Mode)

Convener: Prof. (Dr.) Hema Chaudhary, Dean, SMAS

Coordinators: Mr. Mohit Agrawal, Mr. Yash Jasoria, Mr. Debashish Paramanick

The School of Medical and Allied Sciences (SMAS) successfully organized "Pharma Anveshan 2026" on 30th April 2026 as a premier intra-school academic event. Structured under the core course Pharma Practice (BP703T), the convention brought together 50 selected pharmacy students and faculty members to map out real-world paradigms and multi-sectoral collaborations within the pharmaceutical discipline.

The program commenced with an illuminating inaugural address by the Convener, Prof. (Dr.) Hema Chaudhary, Dean, SMAS. Tracing the historical roadmap of pharmacy from ancient traditional healing systems to modern data-driven biopharmaceutical platforms, Dr. Chaudhary articulated the multi-disciplinary necessity of modern practice. She highlighted the critical symbiosis between academia and manufacturing, asserting that higher education institutions function as knowledge-incubators providing highly skilled researchers, whereas industrial facilities apply this core intelligence to formulate advanced life-saving drugs. Furthermore, she underscores the indispensable role played by robust regulatory frameworks in maintaining global benchmarking, patient safety, efficacy, and strict product quality controls.

KEY INSTITUTIONAL OBJECTIVES

- Synergetic Ecosystem Mapping: Cultivating comprehensive knowledge frameworks linking research, industrial execution, and patient bedside practice.
- Bridging Knowledge Gaps: Harmonizing classical classroom theoretical foundations with cutting-edge real-world pharmaceutical updates and emerging workflow patterns.
- Advancing Safety Awareness: Increasing scientific awareness surrounding drug standardizations, regulatory governance, and patient safety pathways.

INNOVATIVE PEDAGOGICAL METHODOLOGIES & POSTER INTERVENTIONS

To move past conventional lecture styles, the committee embedded case-based interactive panel roundtables and a dedicated clinical poster-making competition. Students synthesized complex clinical topics and visually mapped out pathways covering Suspected Adverse Drug Reaction (ADR) Reporting, Pharmacovigilance Mechanisms, Patient Safety Protocols, and Rational Drug Use.

The scientific visual briefs were systematically cataloged and evaluated by Dr. Saroj Yadav (SMAS) based on rigorous academic criteria, including scientific depth, content precision, presentation lucidity, and architectural relevance to the ecosystem theme. The rigorous interactive defense rounds with the examiner allowed students to validate their domain expertise and secure actionable feedback.

Measurable Outcomes & Deliverables: Participatory feedback matrices indicated a profound reinforcement of practical troubleshooting capabilities, advanced communication competencies, and structured critical thinking among the student body, charting a solid template for subsequent intra-school knowledge forums.



Dean Prof. (Dr.) Hema Chaudhary Addressing the Gathering

BRIDGING THEORY & INDUSTRY: INDUSTRIAL EXPEDITION

Itinerary Dates: 13th – 17th April 2026

Destinations: Haridwar & Mussoorie (Uttarakhand)

Cohort Profile: 42 Students (B.Pharm, M.Pharm, & D.Pharm)

Leadership: Prof. (Dr.) Hema Chaudhary (Convener); Mr. Mohit Agrawal & Mr. Debashish Paramanick (Coordinators)

Understanding that impactful pharmaceutical education must extend far beyond textbook definitions, SMAS curated a rigorous, multi-layered Industrial cum Pleasure Tour. The highly tailored trip successfully synchronized high-level industrial exposures to manufacturing standard operating procedures (SOPs) with holistic recreation and team building.

AKUMS DRUGS & PHARMACEUTICALS

The delegation carried out on-site technical audits at Akums Drugs & Pharmaceuticals Limited, the leading Contract Development and Manufacturing Organization (CDMO) driving innovation in the Indian Pharmaceutical Market (IPM).

Students toured state-of-the-art commercialization suites that have produced over 4,100 formulations spanning 60+ distinct dosage variants. Operational overviews emphasized specialized platform configurations optimized for high-throughput outputs in critical therapeutic domains, such as cardio-diabetes, neurology, gynecology, and complex anti-infectives.

PATANJALI RESEARCH FOUNDATION

The scientific cohort further inspected the Patanjali Research Foundation, a global benchmark center for combining ancient classical Ayurvedic sciences with contemporary chemical pharmacology protocols.

The learning visit provided clear focus across multiple core facilities:

- Phytochemistry Suites: Mapping molecular isolation techniques.
- Microbiology Core: Observing sterile cultures and purity parameters.
- Advanced Instrument Labs: Gaining direct exposure to industrial systems including HPLC, GC-MS, and UV-Vis Spectrophotometry.
- Senior R&D scientists engaged the students in interactive technical huddles detailing raw natural matrix standardizations, automated herbal scale-ups, and the rigorous pathways required for the clinical validation of traditional alternative therapeutic portfolios.

Holistic Rejuvenation & Cultural Sightseeing: Parallel to rigorous laboratory modules, the tour provided an immersive exploration of the spiritual landscape of Haridwar and the scenic topography of Mussoorie. This balanced programmatic architecture provided valuable team-bonding, peer relaxation, and comprehensive personal growth.



Industrial Visit to Akums Drugs & Pharmaceuticals Ltd.

K.R. MANGALAM UNIVERSITY HOSTS PREMIER INTERNATIONAL CONFERENCE ON AI AND IPR IN PHARMACY (PASAI-2026)

Executive Summary: PASAI-2026 International Conference

The School of Medical and Allied Sciences (SMAS) at K.R. Mangalam University, Gurugram, successfully hosted a monumental two-day international conference titled PASAI-2026 from 27–28 April 2026. Grounded on the timely theme, "Pharma and Allied Sciences in the Age of AI: Innovations and IPR Strategies," the event was seamlessly executed in a hybrid format (integrating on-campus sessions and Microsoft Teams/YouTube streaming), drawing approximately 600 global participants.

The landmark conference received prestigious national recognition and financial backing from top-tier federal funding agencies, specifically the Department of Scientific and Industrial Research (DSIR) and the Anusandhan National Research Foundation (ANRF). The event also secured heavy industry sponsorship from market leaders such as SD Biosensor Pvt Ltd, Getwell Pharma Pvt. Ltd, Adven Naturals, and R.V. Northland. Under the leadership of Convener Prof. (Dr.) Hema Chaudhary (Dean, SMAS) and Organizing Secretaries Dr. Narender Yadav, Dr. Khalid Bashir Mir, and Dr. Mohit Agrawal, PASAI-2026 served as a vibrant global junction for academicians, researchers, and policymakers.

Strategic Core Objectives

- **AI Integration:** To explore and dissect AI-driven breakthroughs in drug discovery, environmental toxicology, and clinical workflows.
- **IPR Maximization:** To highlight practical intellectual property rights strategies, patent filings, and technology transfer mechanisms.
- **Interdisciplinary Science:** To drive translational research collaborations bridging advanced biotechnology and clinical pharmacology.
- **Dissemination Platform:** To offer original research exposure to students, scholars, and industry professionals via competitive oral and poster evaluation tracks.

Highlights from the Scientific Tracks

Parallel scientific tracks ran simultaneously across geographical boundaries, featuring notable global speakers from the UAE, Netherlands, USA, Japan, Malaysia, Thailand, and India.

Day 1: Synergy, Design, and Therapeutics (27 April 2026)

Following a traditional lamp-lighting ceremony and an opening address by Dean Prof. (Dr.) Hema Chaudhary, the inaugural session was led by Chief Guest Dr. Vipin Shukla (Scientist 'G', DSIR) along with Guests of Honour Dr. Vipul Gupta (Cipla) and Mr. Harish K. Jain (FOPE & Embiotic Laboratories). Technical Session 1 focused on drug design and clinical translation with experts like Dr. Liew Kai Bin (Malaysia), Dr. Ashish Baldi, and Dr. Arshad Khuroo. Technical Session 2 addressed oncology developments and bioprocess innovation featuring Dr. Chun-Wai Mai and Dr. Vinod Tiwari, while Technical Session 3 delved into cross-disciplinary integration and defensive patent pathways with Dr. Chitra Arvind.

Day 2: Advanced AI, Ecology, and Regulation (28 April 2026)

Technical Session 4 pioneered discussions on automated drug discovery and natural products, featuring insights from Dr. Tewin Tencomnaom and Dr. Rajnish Kumar. Technical Session 5 provided a deep dive into patent commercialization and complex global regulatory frameworks under Dr. Sandeep Sharma. Technical Session 6 closed with a strong emphasis on sustainable healthcare

solutions and environmental responsibility led by Dr. Piyush Malaviya and Dr. Shaili Srivastava. Key Outcomes & Milestones

Key Outcomes & Milestones

- **Accelerated Global Networking:** Successfully linked domestic research scholars with premium international scientific networks.
- **Fueled AI Adoption:** Formulated strategic pathways to seamlessly integrate machine learning tools into modern pharmaceutical curricula and workflows.
- **Strengthened Protection Literacy:** Equipped young scholars with clear guidelines regarding commercial IPR frameworks, tech transfers, and defensive patent filing.

PASAI-2026 wrapped up with a high-energy Valedictory Function recognizing outstanding oral and poster presentations. The event has powerfully reinforced K.R. Mangalam University's academic leadership in steering global pharmaceutical innovations toward an AI-driven future.

Conference Administrative Metadata & Sign-Off:

- **Report Prepared By:** Dr. Narender Yadav, Dr. Khalid Bashir Mir, Dr. Mohit Agrawal (Organizing Secretaries)
- **Verified By Dean:** Prof. (Dr.) Hema Chaudhary (Convener, SMAS)
- **Internal Quality Assurance Cell (IQAC) Verification:** Dr. Shikha Dutt Sharma
- **Campus Address:** Sohna Road, Gurugram, Haryana - 122103 | Website: krmangalam.edu.in
- **Source Records:** Report of PASAI 2026 (2).docx



Chief Guest Delivering the Keynote Address

K.R. MANGALAM UNIVERSITY HOSTS NATIONAL SEMINAR ON TECHNOLOGY DAY 2026

Executive Summary: National Technology Day Seminar 2026

The School of Medical & Allied Sciences (SMAS) at K.R. Mangalam University, Gurugram, successfully organized a prestigious One-Day National Seminar on May 11, 2026, to celebrate National Technology Day. Held offline at the A Block Multipurpose Hall, the seminar focused on the theme "Innovations in Pharmaceutical Sciences for Sustainable Healthcare: Technology

for Nation Building". The event was organized with the pivotal support of the Haryana State Council for Science, Innovation & Technology (Directorate of Science & Technology, Government of Haryana).

Under the leadership of Convener Prof. (Dr.) Hema Chaudhary (Professor & Dean, SMAS), the seminar targeted B.Pharm, M.Pharm, and D.Pharm students, alongside researchers and industry delegates. The program aimed to bridge the gap between academia and industry while exploring emerging technologies to improve healthcare accessibility, affordability, and quality.

Keynote & Expert Insights

- **Prof. (Dr.) Kunal Bahrani (Chief Guest):** Emphasized integrating advanced medical technologies with patient-centric approaches to improve treatment outcomes.
- **Dr. Manish Narang (Guest of Honor):** Shared deep insights into innovations in drug development and the future of the industry.
- **Dr. Subhash Tripathi:** Highlighted the role of scientific research and innovation in sustainable development and nation-building.
- **Dr. Sakshi Jain:** Discussed the expanding role of digital healthcare platforms, telemedicine, and modern pharmaceutical technologies.

Core Themes & Conclusion

The technical sessions provided a dynamic platform for exchanging knowledge on AI-based healthcare solutions, drug discovery, biotechnology, and personalized medicine.

The seminar concluded with a formal Vote of Thanks by Prof. (Dr.) Hema Chaudhary. It successfully enhanced the participants' understanding of modern pharmaceutical technologies, strengthened academic-industry collaboration, and fostered a strong research-oriented mindset among students to tackle global health challenges effectively.



Chief Guest Delivering the Keynote Address

PHARMACY OUTLETS AND MEDICINE DISTRIBUTORS FOR PRACTICAL INSIGHT INTO PHARMACY PRACTICE AND LOGISTICS MANAGEMENT

Practical Insights into Pharmacy Practice & Logistics Management

On May 9, 2026, the School of Medical and Allied Sciences (SMAS) organized an impactful educational field visit for its D.Pharm 2nd Year students. The cohort traveled to 37 Degree Chemist in Gurugram for an experiential learning session titled "Pharmacy Outlets and Medicine Distributors for Practical Insight into Pharmacy Practice and Logistics Management".

This offline initiative was specially curated to align with the Community Pharmacy & Management course (Course Code: ER2022P). Beyond core pharmacy operations, the visit was uniquely structured as an experiential learning initiative to bridge environmental engineering, sanitation, and community health.

Event Overview & Coordination

The visit provided a small, focused group of future healthcare professionals with direct exposure to the frontline of pharmaceutical distribution.

- **Target Cohort:** 22 enthusiastic students from D.Pharm 2nd Year, SMAS.
- **On-Field Guide:** Dr. Vijay Naresh, Director of 37 Degree Chemist, Gurugram, served as the primary point of contact, sharing invaluable operational wisdom with the students.
- **Event Coordinator:** Dr. Monika Kaushik (Assistant Professor, SMAS), who meticulously organized and supervised the academic excursion.

Core Learning Pillars

During the retail and distribution walkthrough, students moved past theoretical textbooks to observe real-world applications in:

- **Logistics & Supply Chain Management:** Understanding how life-saving medicines are sourced, tracked, inventoried, and distributed efficiently without breaking the cold chain.
- **Community Pharmacy Practice:** Observing patient-pharmacist interactions, prescription handling, and the vital counseling role that retail pharmacists fulfill in society.
- **Sanitation & Public Health Integration:** Learning how modern pharmacies manage sanitation protocols, safe medical waste disposal, and community hygiene standards to support public health ecosystem maintenance.



Students Understanding Pharmacy Operations

COMMUNITY CONNECT

FIGHTING HIDDEN HUNGER: CLINICAL FIELD CASE STUDY IN RURAL HARYANA

Malnutrition remains a serious public health challenge across rural spaces. A less visible but equally critical manifestation is “Hidden Hunger”—a chronic condition where individuals consume adequate caloric intake but suffer from severe systemic deficiencies in essential micronutrients (such as iron, vitamin A, zinc, and iodine), leading to compromised immunity and impaired cognitive growth.

In response, the Community Health Division of SMAS executed a longitudinal field study titled “Fighting Hidden Hunger: A Case Study on Child Malnutrition in Rural Haryana” across a scheduled timeline (13/03/2026, 27/03/2026, and 10/04/2026) inside the primary educational facilities of Hajipur Village, Gurugram, Haryana.

Project Personnel & Execution Matrix:

Convener: Prof. (Dr.) Hema Chaudhary (Dean, SMAS)

Faculty Project Directors: Dr. Sunil, Mr. Debashish, Ms. Meenakshi Attri

Student Steering Leaders: Rytham (B.Pharm, 4th Sem), Nupur (B.Pharm, 6th Sem) supported by D.Pharm 2nd Year & B.Pharm cohorts.

FIELD METHODOLOGY & CLINICAL SCREENING

Deploying mobile diagnostics and fieldwork validation instruments, the investigative teams cataloged baseline demographics, dietary profiles, and precise anthropometric evaluations (height, weight, BMI, and digital blood pressure mappings) for a cohort of local children.

The analytical framework compared raw data with standardized medical metrics to identify localized instances of severe stunting, wasting, or undernutrition. To provide direct support, student teams carried out structured healthcare counseling and distributed nutrient-dense snacks, including potassium-rich bananas and quick-energy biscuits.

CLINICAL COHORT REGISTRIES (PRE & POST INTERVENTION SELECTIONS)

Table 1: Baseline Demographic & Nutritional Profile (Pre-Intervention Selection)

S.No	Patient Alias	Age	Gender	Height (cm)	Weight (kg)	Calculated BMI	BP (mmHg)	Nutritional Classification
1	Aarav	5	Male	108	15.0	12.9	90 / 58	Underweight
2	Ananya	6	Female	112	17.0	13.6	92 / 60	Underweight
3	Rohan	7	Male	118	19.0	13.6	94 / 61	Underweight
5	Mohit	9	Male	126	22.0	13.9	98 / 64	Mild Malnutrition
11	Deepak	8	Male	121	20.0	13.7	95 / 62	Mild Malnutrition
16	Muskan	5	Female	106	14.0	12.5	89 / 57	Underweight
29	Harsh	10	Male	131	24.0	14.0	99 / 65	Mild Malnutrition
40	Seema	5	Female	106	15.0	13.3	90 / 58	Underweight

Table 2: Longitudinal Weight, BMI, & Clinical Progress Post-Intervention Tracking

S.No	Patient Alias	Initial Wt (kg)	Final Wt (kg)	Initial BMI	Final BMI	Observed Health & Metabolic Improvement Pathway
1	Aarav	15.0	16.5	12.9	14.1	Significant weight gain; marked appetite revitalization.
2	Ananya	17.0	18.2	13.6	14.5	Systemic normalization of physical energy thresholds.
3	Rohan	19.0	20.5	13.6	14.7	Measurable step up in overall clinical nutritional index.
4	Mohit	22.0	23.8	13.9	15.0	Ablation of physical fatigue; clear muscular recovery.
5	Vivek	16.0	17.4	13.0	14.1	Adoption of sustained balanced eating habits.
9	Muskan	14.0	15.5	12.5	13.8	Reversal of nutritional suppression; improved vitality.
14	Rohit	17.0	18.6	13.6	14.8	Return to projected healthy pediatric growth curve lines.

During the final field intervention, a qualified medical practitioner accompanied the university task force. The physician provided diagnostic consultations and conducted interactive health workshops for local teachers and caregivers, emphasizing the long-term optimization of locally sourced, nutrient-dense dietary protocols and strict hygiene habits. This successful clinical campaign demonstrates SMAS's enduring commitment to leveraging healthcare education for direct public welfare and community empowerment.

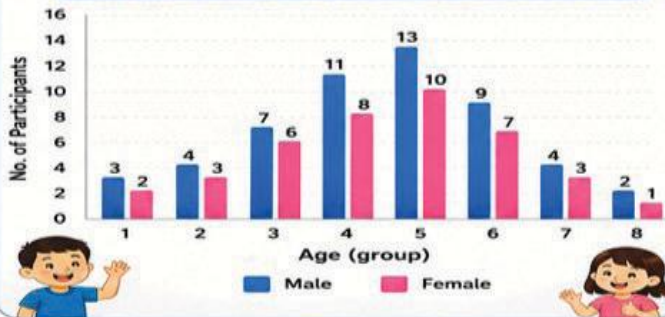


Experiential Learning in Community Pharmacy Practice



Practical Learning on Drug Distribution and Logistics

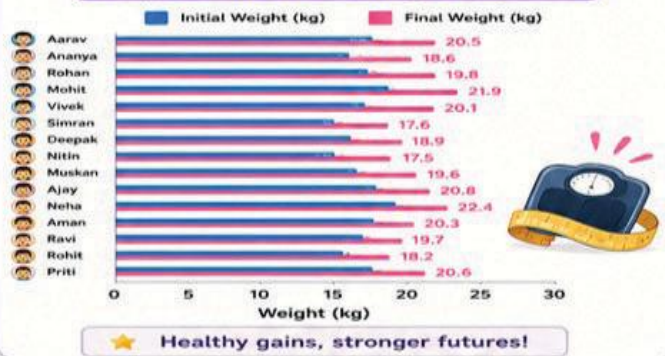
Graph 1. Age-wise and Gender-wise Distribution



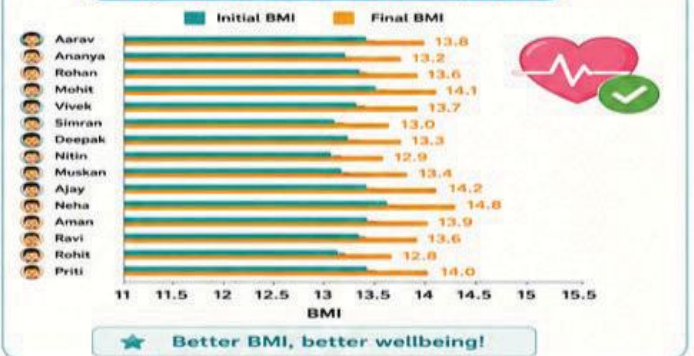
Graph 2. Nutritional Status of Children



Graph 3. Initial vs Final Weight Comparison



Graph 4. Initial vs Final BMI Comparison



Graph 5. Improvement Observed Categories



OUR ALUMNI



MR. YASH JASHORIYA
M.Pharmacy
(Pharmacology)
2021-2023

Dear Readers,

It gives me immense pleasure to stay connected with my alma mater through this newsletter. The institution has played a pivotal role in shaping my academic foundation, professional growth, and personal development. The knowledge, values, and experiences gained here continue to guide me throughout my career.

I am delighted to witness the remarkable achievements of our students and faculty members, whose dedication and innovation continue to elevate the reputation of the institution. It is inspiring to see the university fostering excellence in academics, research, entrepreneurship, and community engagement.

To the current students, I encourage you to make the most of every opportunity, remain curious, embrace challenges, and strive for continuous learning. The skills and relationships you build during your academic journey will become invaluable assets in your future endeavors.

As alumni, we remain proud ambassadors of our institution and look forward to contributing to its growth and success. I extend my heartfelt wishes to the entire university community for continued achievements and a bright future ahead.



MS. GARIMA GOYAL
B. Pharmacy
2018-2022

Dear Readers,

Being an alumnus of this esteemed institution fills me with pride and gratitude. My journey here was not only about earning a degree but also about gaining invaluable experiences, lifelong friendships, and the confidence to pursue my aspirations.

The university provided a nurturing environment that encouraged learning, innovation, and personal growth. The guidance of dedicated faculty members and the support of peers helped shape my professional and personal values, which continue to influence my career today.

I am delighted to see the institution reaching new milestones in academics, research, and student achievements. The commitment

to excellence and holistic development remains a hallmark of the university's vision.

To the current students, I encourage you to embrace every opportunity, stay committed to your goals, and never stop learning. Your time at the university will be one of the most transformative phases of your life, preparing you to make meaningful contributions to society.

I extend my best wishes to the faculty, students, staff, and fellow alumni. May our alma mater continue to inspire generations of learners and achieve greater heights in the years to come.

With sincere appreciation and pride

STUDENT INTERNSHIP

Sr No.	Roll No.	Student Name	Organization/Hospital
1	2204120052	Simon Martin	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
2	2304120030	Dhruv Dutt	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
3	2304120046	Piyush Jain	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
4	2304120046	Piyush Jain	Gracure Pharmaceuticals Ltd., Bhiwadi
5	2404120014	Harsh Dhingra	Acharya Shree Bhikshu Hospital, New Delhi
6	2404120015	Mehak Dhanuka	Intellectual Property Office, New Delhi
7	2404120006	Jagrit Sharma	Intellectual Property Office, New Delhi
8	2404120019	Navkar Jain	Metro Heart Institute with Multispeciality, Faridabad
9	2404120002	Rohit Kumar	Morepen Laboratories Ltd. Himachal Pradesh
10	2304120080	Darsh Singh	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
11	2304120010	Yash Rajdev	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
12	2304120099	Yash Srivastav	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
13	2404120026	Shivam	Govind Ballabh Pant Hospital, 64 Khamba, New Delhi
14	2404120091	Divyansh	ESIC Medical College & Hospital, Faridabad
15	2404120037	Khushi Tomar	ESIC Medical College & Hospital, Faridabad
16	2404120049	Khemchand	Morepen Laboratories Ltd. Himachal Pradesh
17	2404120083	Rahul Khan	Al-Afia General Hospital, Nuh, Haryana
18	2404120087	Dhimanshu Ahlawat	Eugia Pharma Specialities Limited, Rajasthan
19	2404120003	Tanishk	City Nursing Home, Bhiwadi, Rajasthan
20	2304120007	Aditya Sidhu	Evertouch Healthcare Group, Kosi Kalan, Uttar Pradesh
21	2404120088	Vishal Kumar Aditya	M.B.C. Industries, Himachal Pradesh
22	2404120077	Chirag	Evertouch Healthcare Group, Kosi Kalan, Uttar Pradesh
23	2404120103	Tej Singh	Evertouch Healthcare Group, Kosi Kalan, Uttar Pradesh
24	2404120033	Aniket Kumar Thakur	M.B.C. Industries, Himachal Pradesh
25	2304120037	Krishna Tripathi	Legacy Remedies Pvt. Ltd., Himachal Pradesh
26	2304120099	Shourya Parmar	Legacy Remedies Pvt. Ltd., Himachal Pradesh
27	2304120028	Karan Singh	Legacy Remedies Pvt. Ltd., Himachal Pradesh
28	2304120016	Aditya Kumar Shahi	Legacy Remedies Pvt. Ltd., Himachal Pradesh
29	2304120035	Manwendra Azad	Legacy Remedies Pvt. Ltd., Himachal Pradesh
30	2304120019	Keshav Janghu	Evertouch Healthcare Group, Kosi Kalan, Uttar Pradesh
31	2304120023	Anushka Chakraborty	Sun Pharma Industries Ltd., Gurugram
32	2304120032	Anish Giri	HAH Centenary Hospital, New Delhi
33	2304120013	Nitin	Evertouch Healthcare Group, Kosi Kalan, Uttar Pradesh
34	2304120021	Aditya Kumar Singh	Evertouch Healthcare Group, Kosi Kalan, Uttar Pradesh
35	2304120054	Mehak Kochhar	Capsoft Healthcare Pvt. Ltd., Himachal Pradesh
36	2304120042	Nupur Singh	Cipla Ltd., Baddi, Himachal Pradesh
37	2304120022	Shaiwal Shaswat	Cipla Ltd., Baddi, Himachal Pradesh

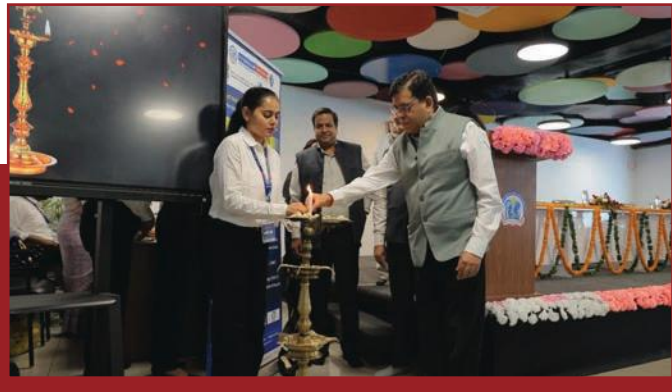
38	2304120036	Kahkasha Praveen	Cipla Ltd., Baddi, Himachal Pradesh
39	2304120033	Smriti Yadav	Capsoft Healthcare Pvt. Ltd., Himachal Pradesh
40	2304120050	Chirag Sachdeva	Dr. Baba Saheb Ambedkar Hospital, New Delhi
41	2504120068	Nigam	Ypsomed India Pvt. Ltd., New Delhi
42	2504120038	Moksh Kwatra	Ypsomed India Pvt. Ltd., New Delhi
43	2304120090	Ashish Gaur	Synokem Pharmaceuticals Pvt. Ltd., Haridwar
44	2304120082	Vipul Sharma	Shree Jee Lab, Rajasthan
45	2304120041	Alok Singh	Synokem Pharmaceuticals Pvt. Ltd., Haridwar
46	2304120029	Samiya Zafar	Legacy Remedies Pvt. Ltd., Himachal Pradesh
47	2304120064	Tanishka Pal	Yug Enterprises Pvt. Ltd., Haridwar
48	2304120095	Pravleen Kaur	Legacy Remedies Pvt. Ltd., Himachal Pradesh
49	2304120096	Gunvan Singh	Legacy Remedies Pvt. Ltd., Himachal Pradesh
50	2304120080	Darsh Singh	Indian Pharmacopeia Commission, Ghaziabad, Uttar Pradesh
51	2304120060	Himanshu	Koshika Wellness Pvt. Ltd., Gurugram
52	2304120084	Rishabh Jain	Navjeevan Hospital, New Delhi
53	2304120089	Ayush	Dr. Baba Saheb Ambedkar Hospital, New Delhi
54	2304120053	Piyush Sharma	Community Health Centre, greater Noida
55	2304120106	Aditya Jain	RIA Biosciences Pvt. Ltd., New Delhi
56	2304120024	Ignesh	Community Health Centre, Mundawar, Rajasthan
57	2304120087	Bioni Sravani Karthika	Dr. Reddy'S Laboratories Ltd.,Telangana
58	2304120077	Krishan	BLK-Max Super Speciality Hospital Delhi
59	2304120056	Vivek	Evertouch Healthcare Group, kosi Kalan, Uttar Pradesh
60	2304120003	Jatin	Evertouch Healthcare Group, kosi Kalan, Uttar Pradesh
61	2304120074	Vansh Goswami	Lark Laboratories Ltd, Bhiwadi, Rajasthan
62	2304120040	Namrata Mukherjee	PHC Healthcare Pvt. Ltd., Rohini, New Delhi
63	2404121108	Mayank Sharma	Swift Life Sciences, Dehradun
64	2304120017	Naman Boken	Koshika Wellness Pvt. Ltd., Gurugram
65	2304120011	Sandeep Yadav	Gracure Pharmaceuticals Ltd., Bhiwadi
66	2304120027	Shruti Kumari	Sun Pharma Industries Ltd., Gurugram
67	2304120068	Bhagirath Singh	Healcure Lifesciences, Solan, Himachal Pradesh
68	2304120101	Ronit Chauhan	Teva API, Uttar Pradesh
69	2304120058	Prithvi Singh Jadon	SRG Hospital, Rajasthan
70	2304120061	Himani Gupta	Sun Pharma Ltd., Sikkim
71	2304120067	Anjali Bughani	Sun Pharma Ltd., Sikkim
72	2304120066	Mannat Kaur Makol	Sun Pharma Ltd., Gurugram
73	2304120085	Ansh Sharma	M/S Pharma Pharmaceuticals Ltd., Faridabad
74	2304120004	Kanak Chauhan	Govind Ballabh Pant Hospital, 64 Khamba, New Delhi
75	2304120018	Pranjal	Lark Laboratories Ltd, Bhiwadi, Rajasthan
76	2404120032	Krishna Rao	Community Health Centre, Uttar Pradesh
77	2404120022	Harshita	B.M. Gupta Hospital, Uttam Nagar, New Delhi
78	2304120039	Dileep Saini	Koshika Wellness Pvt. Ltd., Gurugram
79	2304120047	Shalu	Shri Vinayak Hospital, Sohna
80	2304120045	Priya Chhoker	Kimia Biosciences Limited, Sohna
81	2304120014	Himanshu Sharma	Cipla Ltd., Baddi, Himachal Pradesh

VISUAL ARCHIVES



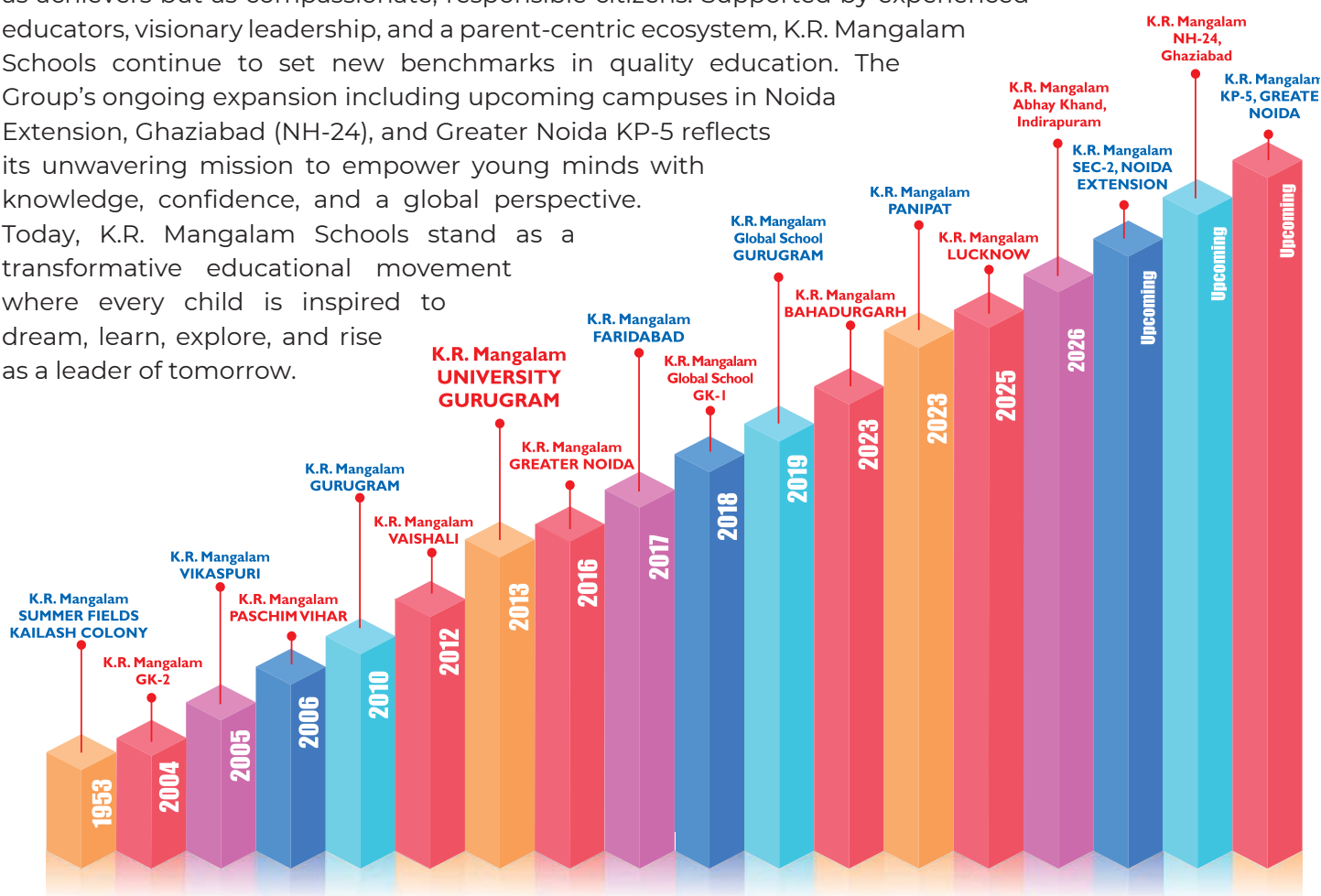






FROM LEGACY TO LEADERSHIP : THE GROWTH OF K.R. MANGALAM GROUP

K.R. Mangalam Group stand today as one of India's most trusted, dynamic, and future-ready school networks, built on a legacy that spans over seven decades of educational excellence. Since the establishment of Summer Fields School in 1953, the Group has continuously expanded its footprint across Delhi, NCR, Uttar Pradesh, and Haryana emerging as a symbol of academic leadership, holistic development, and global vision. Each K.R. Mangalam school blends tradition with innovation, offering world-class infrastructure, progressive pedagogies, and an inclusive environment that nurtures curiosity, creativity, and character. From the vibrant corridors of K.R. Mangalam World School, GK-II (est. 2004) to the thriving campuses of Vikaspuri (2005), Paschim Vihar (2006), Gurugram (2010), Vaishali (2012), Greater Noida (2016), Faridabad (2017), Bahadurgarh (2023), Panipat (2024), and Lucknow (2025), every institution under the KRM banner exemplifies a commitment to academic rigor, co-curricular richness, and values-driven education. The introduction of globally benchmarked K.R. Mangalam Global Schools in Gurgaon and GK-I further strengthens the Group's reputation as a pioneer in international curricula and modern learning environments. Across all campuses, students experience a transformative education that integrates technology, experiential learning, life skills, interdisciplinary exploration, and global exposure. With strong foundations in sports, performing arts, STEAM, entrepreneurship, and community engagement, KRM Schools prepare learners to excel in a rapidly evolving world. The schools' emphasis on inclusive classrooms, socio-emotional well-being, leadership development, and moral values ensures that students grow not only as achievers but as compassionate, responsible citizens. Supported by experienced educators, visionary leadership, and a parent-centric ecosystem, K.R. Mangalam Schools continue to set new benchmarks in quality education. The Group's ongoing expansion including upcoming campuses in Noida Extension, Ghaziabad (NH-24), and Greater Noida KP-5 reflects its unwavering mission to empower young minds with knowledge, confidence, and a global perspective. Today, K.R. Mangalam Schools stand as a transformative educational movement where every child is inspired to dream, learn, explore, and rise as a leader of tomorrow.





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