



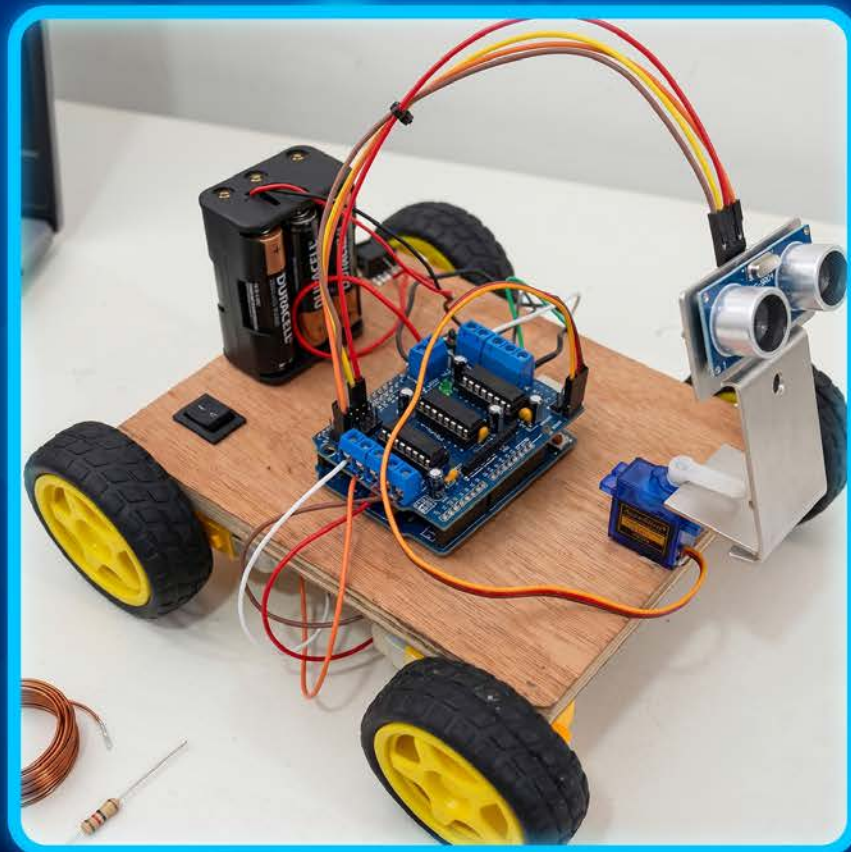
K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

SCHOOL OF BASIC AND APPLIED SCIENCES

QUARTERLY NEWSLETTER

JANUARY TO MARCH 2026

FRONTIERS IN APLLIED SCIENCES



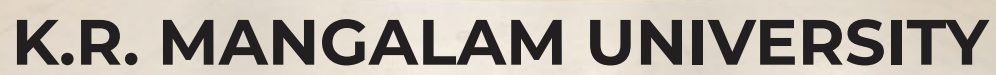


TABLE OF CONTENTS

FROM THE EDITORS' DESK	4
WORDS FROM THE LEADERSHIP	5
FROM THE DESK OF DEAN, SCHOOL OF BASIC AND APPLIED SCIENCES	7
FROM THE DESK OF IQAC COORDINATOR	8
ABOUT SCHOOL	9
COLLABORATIONS	10
OUR ACHIEVERS- FACULTY, STUDENTS	11
FACULTY CREATIVE CORNER & ARTICLE	13
RESEARCH UPDATES	16
EVENTS CORNER	24
COMMUNITY CONNECT	28
SBAS IN NEWS	29
INTERNSHIP & PLACEMENT	30
OUR ALUMNI	31
STUDENTS' CORNER	32
GALLERY	36

FROM THE EDITORS' DESK



Dr. Neeraj Kumari
Assistant Professor –
Selection Grade (Chemistry)
& NSS Program Coordinator



Dr. Monika Phougat
Assistant Professor -
Chemistry

Dear Readers,

Warm greetings!

It is with great pleasure that we present the January–March 2026 issue of Frontiers in Applied Sciences, the quarterly newsletter of the School of Basic and Applied Sciences, K.R. Mangalam University.

This edition highlights the dynamic academic, research, and outreach activities undertaken during the quarter. It reflects the collective efforts of our faculty members, students, and researchers in fostering a culture of scientific inquiry, innovation, and experiential learning. From academic achievements and research contributions to conferences, workshops, expert sessions, and extension activities, this issue brings together the significant milestones and accomplishments of the School.

The period from January to March 2026 has been marked by active participation, meaningful collaborations, and a continued commitment to excellence. The contributions featured in this newsletter showcase the enthusiasm, creativity, and dedication of our academic community toward knowledge creation and societal development.

We sincerely acknowledge the valuable efforts of all contributors, faculty coordinators, students, and the editorial team for their dedication in compiling and presenting this edition.

We hope this quarterly newsletter inspires our readers to remain curious, innovative, and committed to advancing the frontiers of applied sciences.

Happy reading!

WORDS FROM THE LEADERSHIP

Dear Students and Faculty of the K.R. Mangalam University Community,

Greetings!

I am very pleased to put forth my thoughts for the quarterly newsletter for the School of Basic and Applied Sciences January to March 2026. School has continued to uphold its commitment to academic excellence, research innovation, experiential learning and holistic development of students. Basic and applied sciences are the basis for all knowledge, innovation and technological advancements. Scientific temperament, analytical thinking, and problem-solving capabilities have become necessary skills to successfully meet the many challenges our complex, globalized world presents. The School of Basic and Applied Sciences has made a firm commitment to developing these skills in students through a rigorous curriculum, outstanding faculty, laboratory-based learning, research, expert lectures, workshops, and collaborating with the academic community. During this quarter, School has undertaken a number of initiatives to reinforce its academic and research environments. The active participation of students and faculty in various academic, co-curricular and outreach activities reflects the culture of learning and inquiry that characterizes School. These activities assist in developing the students' subject-specific knowledge while also encouraging them to be creative, think critically, lead and demonstrate social responsibility.

Warm regards

PROF. (DR.) MEHRAJ UDDIN MIR

Professor, Motilal Nehru Chair
K.R. Mangalam University



WORDS FROM THE LEADERSHIP

Dear Readers,

Warm greetings from the Office of the Dean Research!

It is a pleasure to present this edition of Frontiers in Applied Sciences, which showcases the dynamic and progressive research environment of the School of Basic and Applied Sciences. The articles and achievements featured in this issue reflect the growing enthusiasm and dedication of our faculty and students towards advancing scientific knowledge and innovation.

At K.R. Mangalam University, research serves as a cornerstone for intellectual growth, encouraging analytical thinking, interdisciplinary collaboration, and meaningful societal impact. It is inspiring to witness our scholars actively addressing contemporary challenges through thoughtful and rigorous inquiry.

The work highlighted in this edition stands as a testament to a strong research culture built on curiosity, precision, and academic integrity. I hope it motivates further contributions and strengthens our expanding research ecosystem.

I sincerely appreciate the efforts of the editorial team in bringing together this insightful issue. I look forward to continued excellence and growth within our research community.

Warm regards

**PROF.
SEEMA RAJ**

Dean Research
K.R. Mangalam University



FROM THE DESK OF DEAN, SCHOOL OF BASIC AND APPLIED SCIENCES

Dear Readers,

Warm greetings!

It gives me immense pleasure to present this quarterly edition of Frontiers in Applied Sciences, covering the activities and achievements of the School of Basic and Applied Sciences from January to March 2026. This issue reflects the School's continued commitment to academic excellence, research advancement, innovation, and holistic student development.

During this quarter, the School remained actively engaged in creating meaningful learning opportunities through academic activities, expert sessions, research initiatives, student participation, and outreach programs. These efforts have strengthened our academic environment and encouraged students and faculty members to explore new ideas, enhance their skills, and contribute positively to the scientific community.

The highlights presented in this edition showcase the dedication of our faculty members, the achievements of our students, and the collective efforts that continue to shape a vibrant and progressive academic ecosystem. Each contribution reflects our shared vision of promoting curiosity, critical thinking, interdisciplinary learning, and scientific temperament.

I extend my sincere appreciation to the editorial team, faculty members, students, and all contributors for their valuable efforts in bringing out this edition. I hope this newsletter inspires everyone to remain actively involved, pursue excellence, and contribute meaningfully to the continued growth and success of the School of Basic and Applied Sciences.

Warm regards

**PROF. MEENA
BHANDARI**

Dean, School of Basic and Applied Sciences
K.R. Mangalam University



FROM THE DESK OF IQAC COORDINATOR

Dear Readers,

Warm greetings!

It is my privilege to introduce this edition of Frontiers in Applied Sciences, showcasing the progressive academic environment and research-oriented approach of the School of Basic and Applied Sciences. Through IQAC, we continuously strive to strengthen academic quality, promote innovative practices, and support ongoing improvement across all institutional activities.

This issue brings together notable contributions in research, student engagement, and community-oriented initiatives, reflecting our collective pursuit of excellence and impactful learning.

I would like to acknowledge the dedicated efforts of the editorial team and contributors in shaping this edition. May it serve as a reminder of our commitment to quality and inspire further growth within our academic community.

Warm regards

**DR. SHIKHA DUTT
SHARMA**

IQAC Coordinator
K.R. Mangalam University



ABOUT SCHOOL

The School of Basic and Applied Sciences stands as a center of academic excellence, where strong theoretical foundations are seamlessly integrated with practical application. Offering programs in core disciplines such as Physics, Chemistry, Mathematics, and Forensic Science, the school prepares students to understand, analyze, and solve real-world problems with scientific precision.

At SBAS, emphasis is placed on experiential learning, analytical thinking, and research-oriented education. Students are encouraged to question, investigate, and innovate, supported by modern laboratories and a dynamic teaching approach that bridges theory with practice. The academic environment promotes collaboration, enabling learners to benefit from diverse perspectives and interdisciplinary exposure.

The school also prioritizes holistic development by nurturing ethical values, leadership skills, and a sense of social responsibility. Through academic initiatives and community engagement, SBAS aims to shape individuals who are not only skilled professionals but also responsible contributors to society.



COLLABORATIONS

K.R. Mangalam University entered into a Memorandum of Understanding (MoU) with Deshbandhu College, University of Delhi, in January 2026 to strengthen academic and research collaboration between the two institutions. The agreement aims to foster joint research projects, faculty and student exchange, workshops, seminars, and skill development initiatives, thereby enhancing interdisciplinary learning and academic excellence. This collaboration reflects the university's commitment to promoting knowledge exchange, innovation, and industry-relevant education through strategic academic partnerships.



OUR ACHIEVERS

FACULTYS' ACHIEVEMENT

Sr.No	Name of the faculty	Department	Name of the award	Name of the awarding agency
01	Dr. Rajni Gautam	Physics	IMRF Bharat Vaigyanik Pratibha Award 2026 in the field of Electronics	International Multidisciplinary Research Foundation
02	Dr. Ruby Jindal		IMRF Bharat Vaigyanik Pratibha Award 2026 in the field of Theoretical & Computational Physics	
03	Prof. Meena Bhandari	Chemistry	IMRD Bharat Vidya Ratna Award 2026	International Research, Innovation and Excellence Awards 2026
04	Dr. Mina Kumari	Mathematics	Women Research Excellence Award	
05	Dr. Pooja Vats		Excellence in Innovation Teaching Practice	
06	Dr. Chandra Mohan	Chemistry	Indo-Asian Distinguished Professor & Researcher Award 2026	IMRF Institute of Higher Education & Research, India



FACULTY PARTICIPATION IN TRAINING PROGRAMMES, WORKSHOPS, CONFERENCE

Sr.No	Name & Designation	Department	Training Program/ Event	Date	Issuing Authority / Organization
01	Dr. Saloni Rathee, Assistant Professor	Mathematics	Inter-Institutional Quality Enhancement Programme on Mentoring Systems and Continuous Improvement of Student Support Services	02 February 2026	IQAC & USMC, School of Education, K.R. Mangalam University
			International Conference on Innovations in Mathematical Sciences & Applications (IMSA-2026) – Presented Paper	23–24 February 2026	Maharaja Agrasen University & Central University of HaryanaWEW
02	Dr. Neeraj Kumari	Chemistry	9th National Conference on Current Advances in Physical Sciences (CAPS-2026)	26, March 2026	Post Graduate Department of Physics, Khalsa College, Amritsar
03	Prof. Meena Bhandari				
04	Dr. Ruby Jindal	Physics			
05	Dr. Rajni Gautam				

FACULTY INVITED AS - RESOURCE PERSON IN NATIONAL/ INTERNATIONAL CONFERENCE

Sr.No	Name & Designation	Department	Name of the conference	Date	Organized by
01	Dr. Chandra Mohan, Associate Professor	Chemistry	As Resource Person during शिक्षा, अनुसंधान और नवाचार में भारतीय ज्ञान परंपरा की भूमिकारु 2047 के परिप्रेक्ष्य में	9th - 10th March 2026	Govt. College, Barhi, Katni, Madhya Pradesh
			Special Guest at the 6th International Summit for Packaging Industry (ISPI)2026	12th - 14th March 2026	IQAC & USMC, School of Education, K.R. Mangalam University

FACULTY CREATIVE CORNER & ARTICLE

THE SYMPHONY OF REACTORS AND EQUATIONS

In columns tall where vapours rise,
Through trays and packings, phase divides,
A gradient whispers through the steel—
Mass transfer shaping what is real.

Equations etched on boards of white,
Balance the flows from left to right:
Mass conserved in steady streams,
Energy tracked through latent dreams.

Reynolds speaks when currents race,
Turbulence dancing through the space;
Laminar thoughts move calm and slow,
Predictable paths in ordered flow.

Within the reactor's heated core,
Kinetics governs more and more—
Activation barriers stand like gates,
Till molecules meet their destined fates.

Catalysts wait with patient grace,
Lowering paths, quickening pace;
A surface lattice, finely tuned,
Where bonds are broken, bonds are hewn.

Distillation towers scrape the sky,
Separating truths that once ran high;
Volatility draws the silent line,
Between what stays and what refines.

Adsorption beds in quiet might
Capture toxins out of sight—
Guardians of water, air, and land,
Designed by calculation's hand.

From microchannels, narrow, bright,
To plants that glow in sodium light,
Engineers trace each pulse and flow,
Where mathematics makes systems grow.

Not just pipes and tanks aligned,
But thermodynamics, redefined—
Entropy's law, both stern and fair,
Guiding change through crafted care.

So sing, O pumps, and hum, O valves,
Of feedback loops and solving valves;
For in this craft of scale and art,
Science and industry share one heart.

Dr. Arijit Dutta Gupta
Research Track Faculty
Assistant Professor (Senior Scale)

WHISPERS OF THE EARTH

The Earth speaks softly, can you hear,
A gentle call that draws us near.
Through rustling leaves and oceans wide,
She shares her pain we try to hide.

The skies once clear now fade to gray,
As forests slowly slip away.
The rivers cry, the mountains sigh,
Beneath a smoke-filled, weary sky.

But hope still blooms in every seed,
In every thoughtful, caring deed.
A switch turned off, a tree well grown,
A kinder path that we can own.

Let's walk with care, let's choose what's right,
Protect her days, preserve her nights.
Reduce, reuse—let wisdom guide,
Keep nature always by our side.

For Earth is not just land we share,
It's life itself, beyond compare.
So hear her whisper, loud and true
"The future of me lies in you."

Dr. Saloni Rathee
Mathematics
Assistant Professor

THE PATH TO NET-ZERO: DECARBONIZING THE GLOBAL MANUFACTURING SECTOR

Manufacturing is the engine that built our modern world. It gives us everything from steel beams to smartphone screens. But for decades, that engine has been running on dirty fuel. As of 2026, the industrial sector still gulps down about a third of the world's energy and pumps out a matching share of carbon emissions. That's not sustainable—not because tree-huggers say so, but because economics, regulations, and supply chains are forcing the issue. Carbon taxes are rising, trade rules are shifting, and customers are starting to ask: "What's your product's real carbon footprint?"

So how do we actually clean up manufacturing? Not with magic, but with four down to earth strategies.

First, waste less energy. It sounds obvious, but before you buy expensive new tech, the cheapest fix is simply not burning fuel you don't need. Factories are learning to capture the heat that used to just vent out of chimneys—reusing it to warm raw materials or even generate electricity on site. Smart sensors and AI now watch every motor and air pipe, hunting for leaks and inefficiencies in real time. And when you use recycled scrap instead of virgin ore, you slash the "embodied carbon" of the final product without inventing anything fancy.

Second, plug things in. Nearly 60% of industrial energy goes toward making heat. For low and medium temperature jobs—think drying or boiling—electric heat pumps and boilers are already cheaper and cleaner than gas. But what about super hot processes like melting steel or making cement? That's trickier. Still, electric arc furnaces and induction heating are making real progress, assuming the electricity comes from a green grid.

Third, swap the fuel itself. For the "hard to abate" jobs that refuse to run on electricity, green hydrogen is the rising star. Made from water and renewable power, it can replace natural gas in the hottest furnaces and even serve as a clean chemical ingredient. Biofuels from crop waste or biogas can also be dropped into existing burners, though we've got to be careful not to compete with farmland.

Finally, catch the carbon you can't avoid. Some processes—like turning limestone into cement—release CO₂ as a chemical fact, no matter what fuel you use. Post combustion capture scrubs that CO₂ right out of the smokestack. Then you either pump it deep underground or turn it into solid rock that becomes... concrete. That's right—captured carbon can literally become a building block.

None of this happens in a vacuum. Policies like Europe's Carbon Border Adjustment Mechanism are starting to put a real price on pollution. Low carbon steel and glass now fetch a premium. And in 2026, the buzzword has shifted from "ambition" to "delivery." Factories are banding together in industrial clusters, sharing hydrogen pipes and CO₂ storage so no single company has to go it alone.

Make no mistake: decarbonizing manufacturing is a marathon, not a sprint. The tech is here — heat exchangers, hydrogen-ready furnaces, you name it. The real challenge is scaling infrastructure and getting global carbon prices to line up. But for any manufacturer today, the choice is brutally simple: innovate toward a net zero future, or become a stranded asset in a world that's leaving carbon behind.

Dr. Gaurav Gupta
Research Track Faculty
Assistant Professor (Senior Scale)

WHEN SEEING IS NO LONGER BELIEVING: DEEPPAKES AND FORENSIC CHALLENGES

Deepfakes are AI-generated images, videos, or audio that appear real but are actually fabricated using advanced machine learning techniques. Initially developed for creative and entertainment purposes, this technology is now being misused in cybercrime, misinformation, and fraud, posing serious challenges for forensic science. Deepfakes are commonly created using Generative Adversarial Networks (GANs), which learn patterns from real data to produce highly realistic content. To counter this, forensic experts rely on techniques such as Convolutional Neural Networks (CNNs) to detect subtle inconsistencies like unnatural facial expressions, irregular eye movements, or mismatched audio-visual synchronization.

The rise of deepfakes has significantly impacted the reliability of digital evidence, which was once considered highly trustworthy. Today, manipulated media is being used in identity theft, fake news dissemination, financial scams, and digital impersonation. This makes it essential for forensic professionals to adopt advanced verification methods and combine traditional investigative approaches with artificial intelligence. In India, the admissibility of digital evidence is governed under Indian Evidence Act Section 65B, which requires proper certification of electronic records. However, deepfakes challenge the authenticity of such evidence, highlighting the urgent need for stronger validation techniques and evolving legal frameworks.

In conclusion, deepfakes blur the line between reality and manipulation, making it increasingly difficult to rely solely on visual content. As technology continues to evolve, forensic science must also advance to ensure that truth is scientifically verified. Strengthening detection methods, improving legal provisions, and increasing awareness are crucial steps in addressing this growing digital threat.

Ms. Kritika Singh
Forensic Science
Assistant Professor

RESEARCH UPDATES

JOURNAL ARTICLES

Author Name	Name of Research Article	Name of Journal	Scopus/WoS/ SCIE	Impact Factor / Quartile	Date of Publication
Dr. Sujata Kumari, Dr. Pratibha	Effect of Sm:Co ratio in SmCo nanocomposites on the structural, morphological and magnetic properties	Applied Science Letters	NA	NA	07-01-2026
Dr. Ruby Jindal, Dr. Neeraj Kumari	Investigating Lattice Vibrations in Double Perovskite Oxide Sr ₂ FeOsO ₆	Physics of Metals and Metallography	WoS& SCOPUS	Q3 IF: 1.0 CS: 1.7	12-01-2026
Dr. Pooja Vats	Generalization of Presic's Type Fixed Point Theorems	Journal of Mathematical Analysis	WoS& SCOPUS	Q4 IF: 0.7	12-01-2026
Dr. Prawar	A Novel Domain Adaptation Framework for Wearable Human Activity Recognition Using Multi-Sensor Feature Alignment	Biotechnology and Applied Biochemistry	SCOPUS & WoS	Q1 IF: 2.7 CS: 7.7	15-01-2026
Dr. Mahipal Singh Sankhla	Multifunctional SrFe ₂ O ₄ Nanoparticles: Structural, Optical, and Magnetic Insights with Potent Cytotoxicity Against MCF-7 Breast Cancer Cells	Journal of Indian Chemical Society	WoS& SCOPUS	Q2 IF: 3.4 CS: 5.8	22-01-2026
Dr. Chandra Mohan	Advancing sustainability: Green chemistry applications of heterocyclic compounds for waste remediation	Emerging Contaminants & Environmental Health	SCOPUS	Q3 CS: 3.8	22-01-2026
Dr. Meena Bhandari	Experimental and Theoretical Investigations of Viscosities and Optical Properties of Binary Mixtures Containing Ester and Organic Compounds	Journal of Chemical & Engineering Data	WoS& SCOPUS	Q2 IF: 2.1 CS: 4.0	31-01-2026

Author Name	Name of Research Article	Name of Journal	Scopus/WoS/ SCIE	Impact Factor / Quartile	Date of Publication
Dr. Kaushal Kumar, Dr. Prawar	A Comprehensive Review on Applications of Multichannel Analysis of Surface Waves: A Non-Invasive Technique for Geophysical Studies	WSEAS Transactions on Environment	SCOPUS	Q3 CS: 1.8	06-02-2026
Dr. Kriti	Sintering assisted controlled defect engineering in evolution of optical and dielectric performance of nano-ceria	Ceramics International	WoS& SCOPUS	Q1 IF: 5.6 CS: 9.1	07-02-2026
Dr. Mahipal Singh Sankhla	Impact of Pathotoxicity and Bioaccumulation of Lead on Fish Health and Ecosystem Dynamics	Annals of Animal Science	WoS& SCOPUS	Q1 IF: 2.2 CS: 4.0	16-02-2026
Dr. Mahipal Singh Sankhla. Prof. Garima Awasthi & Prof. Kumud Kant Awasthi	Advanced NanoBiochar approaches for heavy metal detoxification in rice, wheat agroecosystems and challenges	Environmental Nanotechnology, Monitoring & Management	SCOPUS	Q1 IF: 3.2 IF: 16.0	24-02-2026
Dr. Arush Sharma	Eco-Inspired Design of Biochar/MoO ₃ -CeO ₂ Doped CuO Nanocomposites: a Deep Insight into Isotherm, Kinetic, Thermodynamic and Degradation Analysis of Cefixime Contaminated Water	Journal of Inorganic and Organometallic Polymers and Materials	WoS/ Scopus/ SCIE	Q1 IF: 4.9 CS: 8.3	13-02-2026
Dr. Chandra Mohan, Dr. Prawar	Treatment Strategies Transforming Blood Cancer Care using Machine Learning	WSEAS Transactions on Biology	SCOPUS	Q4 CS: 1.8	25-02-2026

Author Name	Name of Research Article	Name of Journal	Scopus/WoS/ SCIE	Impact Factor / Quartile	Date of Publication
Dr. Chandra Mohan	Development and Evaluation of a Fenugreek Seed and Bael Leaf Based Herbal Sunscreen	Trends in Biomaterials& Artificial Organs	SCOPUS	Q3 IF: 0.9 CS: 0.9	27-02-2026
Dr. Arush Sharma	Rational design of a Z-scheme RGO/ CoFe ₂ O ₄ /Ag-AgBr heterostructure for high-efficiency visible-light-assisted photodegradation of cetirizine in simulated wastewater and antibacterial activity	Inorganic Chemistry Communications	WoS/ Scopus/ SCIE	Q1 IF: 5.4	March 2026
Dr. Mahipal Singh Sankhla	Enhancing Fingerprint Development Using Aloe Vera Powder from Waste Plant Material	Journal of Forensic Science & Medicine	SCOPUS	Q3	05-03-2026
Dr. Mahipal Singh Sankhla	Nanoparticles based interventions for metal(loid) stress mitigation in plants	Stress Biology	WoS& SCOPUS	Q1 IF: 5.8 CS: 6.3	05-03-2026
Dr. Chandra Mohan	Cerium and samarium doped TiO ₂ for degradation of crystal violet dye in wastewater by photo-degradation method	Scientific Reports	WoS& SCOPUS	Q1 IF: 3.9 CS: 6.7	06-03-2026
Prof. Garima Awasthi, Dr. Mahipal Singh & Prof. Kumud Kant Awasthi	Phytochemistry, nano-bioformulations, and functional biomaterials of Nymphaea odorata for therapeutic, pharmacological, and ethnomedicinal applications: A review	Biomaterials Translational	Scopus	Q1 CS: 9.8	11-03-2026
Dr. Sourabh Kumar Singh	Strategic Computational Design of siRNA Molecules Targeting Structural Genes of SARS-CoV-2	Applied Biochemistry and Biotechnology	WoS& SCOPUS	Q2 IF: 3.3 CS: 6.3	06-03-2026

Author Name	Name of Research Article	Name of Journal	Scopus/WoS/ SCIE	Impact Factor / Quartile	Date of Publication
Dr. Chandra Mohan, Dr. Neeraj Kumari	Clay surface modification with cationic surfactant and their thermal, morphological and crystal structure analysis	Results in Chemistry	WoS& SCOPUS	Q2 IF: 4.2 CS: 4.8	09-03-2026
Dr. Meena Bhandari, Dr. Neeraj Kumari	Recent advancements in graphene oxide and its composites for dye effluents removal: A Comprehensive review	Nanochemistry Research	SCOPUS	Q3 CS: 1.5	09-03-2026
ADF Dr. Pardeep Kumar	Tuning hydrogen evolution reaction activity via protic salt engineering: Ni-based metal-organic frameworks	Journal of Physics D: Applied Physics	WoS& SCOPUS	Q2 IF: 3.2 IF: 6.4	13-03-2026
ADF Dr. Ajay Guru	Bioengineered polycaprolactone nanofibers co-loaded with RGD and asiatic acid for dentin-pulp regeneration	Dental Materials	WoS& SCOPUS	Q1 IF: 6.3 CS: 9.6	13-03-2026
Prof. Garima Awasthi, Prof. Kumud Kant Awasthi Dr. Mahipal Singh Sankhla	Upgrading biomass-derived syngas to liquid fuels via Fischer-Tropsch synthesis using nanostructured catalysts	Biomass Futures	SCOPUS	Q1 IF: 5.8 CS: 11.0	16-03-2026
Dr. Arush Sharma	Waste citrus pseudolimon peels derived biochar assisted magnetic Zn+Al (LDH) nanocomposites for As (III) adsorption	Scientific Reports	WoS& SCOPUS	Q1 IF: 3.9 CS: 6.7	26-03-2026
Dr. Mohabbat Ali	Pseudo Generalized Quasi-Einstein Warped Products Manifolds with Respect to Affine Connections	Boletim da Sociedade Paranaense de Matemática	WoS& SCOPUS	Q4 IF: 0.4 CS: 1.4	27-03-2026

BOOK CHAPTERS

Author Name	Title of Book Chapter	Name of Publisher	E-ISBN	Date
Dr. Ritika Khatri	Optimization Techniques in Electrochemical Devices Using AI	Bentham Science Publishers	979-8-89881-186-0	13-01-2026
Dr. Kumud Kant Awasthi	Categories of Nanopesticide Used for Crop Protection	CRC Press (Taylor & Francis)	9781003605874	14-01-2026
	Destiny of Nanopesticides in Soil and Water			
Dr. Garima Awasthi	Economical and Market Status of Nanopesticides			
Dr. Mahipal Singh Sankhla, Dr. Garima Awasthi	Configuration and Preparation Methods of Nanopesticides			
Dr. Mahipal Singh Sankhla, Dr. Garima Awasthi, Dr. Kumud Kant Awasthi	A Systematic Approach to Phytoremediation Using Nanocarriers			
Dr. Garima Awasthi, Dr. Kumud Kant Awasthi	Defense Mechanism of Tolerant Plants to Combat Xenobiotics	CRC Press	9781003521754	
Dr. Vishal	Boundary Element Analysis for MHD Stokes Flow through a Microchannel Exhibiting Surface Roughness	De Gruyter	9783111723464	15-01-2026
Dr. Baljeet Yadav	AI-Powered Cyber Attacks and Automated Defense Systems (Book)	IGI Global	979-8-3373-1892-9	23-01-2026
Dr. Garima Awasthi, Dr. Kumud Kant Awasthi	Xenobiotics in Environment: Impacts, Detection and Remediation (Book)	CRC Press	9781003521754	28-01-2026
Dr. Chandra Mohan	Biotechnical Method for Recovery of Precious Minerals from E-Waste	Springer	978-3-031-90287-1	30-01-2026
	Bio-leaching as a Circular Economy Approach for E-Waste Recovery			
Dr. Sujata Kumari, Dr. Pratibha	Surface Chemistry of Colloids	De Gruyter	9783112208236	16-03-2026
Ms. Kritika Singh	Applied Digital Forensic: Theory, Tool and Laboratory Exercise	The New Gateway	978-93-47900-02-0	21-03-2026

PATENTS

Author Name	Title of Patent	Name of Agency	Date
Dr. Pawan Kumar	Anti-Tubercular Thiadiazole Derivatives with Enhanced HSAA Monooxygenase Binding Affinity	India	05-01-2026
Dr. Saloni Rathi	Multi-Sensory Adaptive Learning Chair	India	01-01-2025
Dr. Rishi Ranjan Kumar	Geometry-Optimized Interdigitated electrode Array Platform for Multi-Gas Sensing	India	09-01-2026
Dr. Baljeet Yadav	Forensic Compact Microscope for Determining Warp-Weft Thread Density in Textiles	India	23-01-2026
Dr. Baljeet Yadav	Micro Trace harvesting gel pen using reversible PVA-borate hydrogel for forensic evidence collection	India	31-01-2026
Dr. Baljeet Yadav	Forensic fluid stain stimulating equipment for controlled spatter pattern generation	India	31-01-2026
Dr. Rajni Gautam	System for Blockchain-Enabled Identity Authentication Across Distributed Platforms	India	23-01-2026
Dr. Pratibha	Method for Context-Aware Resource Allocation in Edge Computing Environments	India	23-01-2026
Dr. Pawan Kumar	System for Neural Architecture Optimization Using Reinforcement Feedback	India	23-01-2026
Dr. Rishi Ranjan Kumar	Device for Autonomous Code Refactoring Through Semantic Graph Processing	India	23-01-2026
Dr. Neeraj Kumari	Method for Low-Latency Data Compression using Hybrid Machine Learning Heuristics	India	23-01-2026
Dr. Ruby Jindal	System for Intelligent Anomaly Detection in Cloud-Native Data Pipelines	India	16-01-2026
Prof. Meena Bhandari	Method for Real-Time Multi-Modal Data Fusion In AI-Driven Applications	India	16-01-2026
Dr. Dilraj Preet Kaur	Method for Automated Software Testing using Scenario-Driven AI Agents	India	16-01-2026
Dr. Diwakar Padalia	System for Real-Time Predictive Analytics using Event-Stream Processing	India	16-01-2026

Author Name	Title of Patent	Name of Agency	Date
Prof. Meena Bhandari	System for High-Bandwidth Reconfigurable Multi-Band Antenna Operation	India	16-01-2026
Dr. Seema Raj	Device for Intelligent Power Routing in Smart Grid Architecture	India	16-01-2026
Dr. Pratibha	Method for Adaptive Signal Conditioning in Noise-Intensive Environment	India	16-01-2026
Dr. Ruby Jindal	System for Intelligent Anomaly Detection in Cloud-Native Data Pipelines	India	16-01-2026
Dr. Pawan Kumar	System for FPGA-Driven Real-Time Industrial Automation Monitoring	India	16-01-2026
Dr. Rishi Ranjan Kumar	Device for Ambient Electromagnetic Energy Harvestin	India	16-01-2026
Dr. Neeraj Kumari	Method for Ultra-Low-Power IOT Sensor Transmission using Dynamic Encoding	India	16-01-2026
Dr. Ruby Jindal	System for Hybrid Analog-AI Fault Diagnostics in Electronic Circuits	India	16-01-2026
Dr. Dilraj Preet Kaur	Device for Thermal-Optimized Power Electronics Packaging	India	16-01-2026
Dr. Diwakar Padalia	Method for Intelligent Load Balancing in Distributed Electrical Networks	India	16-01-2026
Dr. Seema Raj	System for High-Precision Motor Control using Reinforcement Algorithms	India	16-01-2026
Dr. Ruby Jindal	Smart Mucoadhesive Patch for Monitoring and Real-Time Analysis of Wound Healing Status	India	16-01-2026
Dr. Rishi Ranjan Kumar	AI-Integrated Handheld Device for Early Oral Cancer Screening Via Thermal and Spectral Analysis	India	16-01-2026
Dr. Neeraj Kumari	AI-Enabled Smart Pillow System for Real-Time Sleep Disorder Diagnosis and Monitoring	India	16-01-2026
Dr. Ruby Jindal	Biodegradable Microneedle Array Patch for Targeted Intra-Articular Drug Delivery in Arthritis Treatment	India	16-01-2026
Dr. Rishi Ranjan Kumar	Bio-Printed 3D Conductive Polymer Scaffold for Enhanced Neural Tissue Regeneration	India	16-01-2026
Dr. Rishi Ranjan	IOT-Enabled UV Sterilization System for Automated Disinfection of Home Dialysis Equipment	India	16-01-2026

Author Name	Title of Patent	Name of Agency	Date
Dr. Meena Bhandari	Multispectral Drone Platform for Automated Aerial Assessment and Rapid Medical Triage in Disaster Zones	India	16-01-2026
Dr. Rishi Ranjan	Portable Point-of-Care Diagnostic Device for Rapid Detection and Identification of Antimicrobial Resistance	India	16-01-2026
Dr. Dilraj Preet Kaur	System and Method for Dynamic Solid-State Microbial Culturing with Real-Time Adaptive Feedback	India	16-01-2026
Dr. Rajni Gautam	Bio-Responsive Phage-Release Hydrogel System for Targeted Antimicrobial Wound Care	India	16-01-2026
Dr. Diwakar Padalia	Piezoelectric Smart Suture	India	16-01-2026
Dr. Seema Raj	Bio-Inspired Topographical Bacteriostatic Surface for Indwelling Medical Devices	India	16-01-2026
Dr. Diwakar Padalia	Acoustic Tweezers for Touchless Biopsy	India	16-01-2026
Dr. Baljeet Yadav	A Method for estimating postmortem interval using yeast and Fungal Thanatomicrobiome Signatures	India	06-02-2026
Dr. Baljeet Yadav	Forensic Entomology Larval Preservation and Inspection Unit (Felpi) for Field Evidence Collection	India	13-02-2026
Dr. Chandra Mohan	Synthesis of Quinazolin-2-amine derivatives as antibacterial agents	India	20-02-2026
Dr. Chandra Mohan	Measurement of H-Index of a Researcher using A Matrix-Based Computer-Implemented Method	India	20-02-2026
Dr. Mahipal Singh Sankhla, Prof. Garima Awasthi	Rice Husk-Fired Bulk Biochar Production Reactor	India	26-02-2026
Dr. Mahipal Singh Sankhla, Dr. Baljeet Yadav	Sweat-Activated 3D Inkless Fingerprint Recording Sheet	India	20-03-2026
Ms. Kritika Singh	AI-Based Forensic Assistant System and Method For Automated Fingerprint Feature Extraction, Pattern Classification, and Forensic Report Generation	India	20-02-2026

EVENTS CORNER

INDUSTRIAL VISIT TO IPCA

The School of Basic and Applied Sciences (SBAS), K.R. Mangalam University, organized an industrial visit to the Indian Pollution Control Association (IPCA), Greater Noida on 30th January 2026 for undergraduate students, aimed at bridging the gap between theoretical learning and practical application. During the visit, students gained hands-on exposure to solid waste management, plastic recycling processes, and sustainable environmental practices, including

segregation, shredding, and reprocessing of waste materials. The interaction with industry professionals enhanced their understanding of real-world environmental challenges and potential career opportunities in sustainability and pollution control sectors. Overall, the visit was highly informative and aligned with SDG 12 (Responsible Consumption and Production), fostering awareness and encouraging students to adopt environmentally responsible practices.



A group photograph of event coordinator with students during visit

SCIENCE FIESTA-2026

Science Fiesta-2026 was successfully organized on 25th February 2026 by the School of Basic and Applied Sciences (SBAS), K.R. Mangalam University, in collaboration with the Dr. APJ Abdul Kalam Science Club, bringing together 108 participants from various universities and colleges for an engaging inter-university science competition. Held at the Multipurpose Hall, Aryabhatta Block, the event fostered scientific innovation, creativity, and academic collaboration among undergraduate and postgraduate students. Coordinated by Dr. Rishi

Ranjan Kumar, Dr. Sujata Kumari, Dr. Divyanshi Mangla, and Dr. Nitish Yadav, the fiesta featured active participation from institutions such as Gurugram University, KIIT College of Engineering, Lovely Professional University, and SGT University. The event was inaugurated by the Vice Chancellor, Raghuvir Singh, and was further enriched by the presence of distinguished guests including Dr. Mehrajuddin Mir, making it a vibrant platform for knowledge exchange and healthy scientific competition.



Hon'ble Vice Chancellor exploring the models prepared by students

INTERNATIONAL CONFERENCE ON MATHEMATICS FOR SUSTAINABLE DEVELOPMENT AND REAL-LIFE INNOVATIONS (ICMSDRI-2026)

The Department of Mathematics, School of Basic and Applied Sciences (SBAS), K.R. Mangalam University, successfully organized the International Conference on Mathematics for Sustainable Development and Real-Life Innovations (ICMSDRI-2026) on 19–20 March 2026, bringing together academicians, researchers, and industry experts to explore the role of mathematics in solving real-world challenges. The conference provided a dynamic platform for interdisciplinary discussions across

areas such as artificial intelligence, machine learning, optimization, and computational mathematics, while promoting sustainable development through innovative mathematical approaches. With active participation from national and international delegates, the event fostered research collaboration, knowledge exchange, and academic growth, inspiring students and young researchers to contribute meaningfully to scientific advancement.



A group photograph of Dean, SBAS, organizing committee of conference and participants

ORIENTATION SESSION ON BUILDING A CULTURE OF QUALITY: ROLES OF STUDENTS AND FACULTY

The School of Basic and Applied Sciences (SBAS), K.R. Mangalam University, in collaboration with IQAC, organized an orientation session on "Building a Culture of Quality: Roles of Students and Faculty" on 19th February 2026 for B.Sc. Forensic Science students and faculty members. The session aimed to promote awareness of academic excellence, ethical responsibility, and continuous quality enhancement in

higher education, aligning with SDG 4 (Quality Education). Delivered by Prof. Mehraj Uddin Mir, Chair Professor (Motilal Nehru Chair), the session provided valuable insights into quality culture, the role of IQAC, and the importance of collaborative efforts between students and faculty in ensuring academic integrity and institutional excellence, particularly in the context of forensic science and legal applications.



Prof. Mehraj Uddin Mir addressed the audience about quality in higher education

SEMINAR ON VOICES OF EQUALITY – A GENDER SENSITIZATION INITIATIVE

The School of Basic and Applied Sciences (SBAS), K.R. Mangalam University, organized a seminar titled “Voices of Equality – A Gender Sensitization Initiative” on 6 March 2026 on the occasion of International Women’s Day for B.Sc. Forensic Science students. The session aimed to promote awareness of gender equality, challenge stereotypes, and encourage respectful and inclusive attitudes among students, aligning with SDG 5 (Gender Equality).

Coordinated by Dr. Saloni Rathee and Ms. Sapna, the seminar featured Mrs. Nalini Yadav, Former Chairperson, Child Welfare Committee, Rewari, as the resource person, who shared valuable insights on gender issues, legal awareness, and societal responsibilities. The event witnessed active participation from 58 students and served as an impactful platform for fostering sensitivity, awareness, and dialogue on gender-related concerns.



A group photograph with resource person, event coordinators and students

COMMUNITY CONNECT

A field visit for water quality analysis was conducted to the villages of Jaindapur, Manuwas, Hajipur, Damdama, and Silani. The primary objective of the visit was to collect water samples from different sources and assess their quality for safety and usability. During the visit, water samples were collected from multiple locations, including government schools, local taps, and storage tanks. These samples will be analyzed to evaluate various physical and chemical parameters of water quality. The study aims to identify potential contamination issues and create awareness about safe drinking water

practices in rural areas.

The visit was organized under the guidance of Dr. Divyanshi Mangla and Dr. Manju Yadav, Assistant Professors, School of Basic and Applied Sciences. Their supervision and coordination ensured systematic sample collection and proper documentation of field observations. The field study provided practical exposure to water sampling techniques and strengthened our understanding of environmental monitoring and public health concerns related to water quality.



Vivek, student of BSc (H) Chemistry collecting the water sample from different areas of Sohna

SBAS IN NEWS

के.आर. मंगलम विश्वविद्यालय में गणित पर अंतर्राष्ट्रीय सम्मेलन

सवेरा न्यूज/कास.

गुरुग्राम, 20 मार्च :

के.आर. मंगलम विश्वविद्यालय के स्कूल ऑफ बेसिक एंड एप्लाइड साइंसेज द्वारा 19-20 मार्च को 'सतत विकास एवं वास्तविक जीवन नवाचारों हेतु गणित पर अंतर्राष्ट्रीय सम्मेलन (आईसीएमएसडीआरआई-2026)' का सफल आयोजन किया गया। सम्मेलन की शुरुआत उद्घाटन सत्र के साथ हुई, जिसमें संयोजक डॉ. मीना कुमारी और सम्मेलन अध्यक्ष प्रो. मीना भंडारी ने स्वागत भाषण दिया।

उद्घाटन सत्र में कुलपति प्रो. रघुवीर सिंह और अनुसंधान अधिष्ठाता प्रो. सीमा राज ने अपने विचार रखे, जबकि मुख्यातिथि के रूप में इंदिरा गांधी

विश्वविद्यालय के कुलपति प्रो. असीम मिगलानी ने प्रेरणादायक संबोधन दिया। इस अवसर पर एबस्ट्रैक्ट बुक का विमोचन भी किया गया। 2 दिवसीय सम्मेलन में गणित के अनुप्रयोगों को सतत विकास, कृत्रिम बुद्धिमत्ता, स्वास्थ्य, पर्यावरण और अभियांत्रिकी से जोड़ते हुए विभिन्न तकनीकी सत्र और व्याख्यान आयोजित किए गए। कार्यक्रम में 107 शोध सार प्राप्त हुए और 122 राष्ट्रीय व अंतर्राष्ट्रीय प्रतिभागियों ने हिस्सा लिया। पोस्टर प्रस्तुतियां भी आकर्षण का केंद्र रहीं। समापन सत्र में उत्कृष्ट शोध प्रस्तुतियों को विभिन्न श्रेणियों में पुरस्कृत किया गया। सम्मेलन ने ज्ञान-विनिमय और वैश्विक सहयोग को बढ़ावा देने में महत्वपूर्ण भूमिका निभाई।

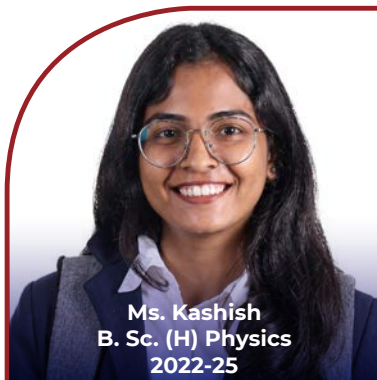
INTERNSHIPS

Sr.No	Name of the student	Course	Name of the organization	Designation
01	SourabKarakoti	B.Sc. (H) Math (Research)	SGN Office Automation	Marketing Intern
02	Hemant	B.Sc. (H) FS	Forfra Solutions	Digital Forensic Intern
03	Priyanshu Saxena	B.Sc. (H) FS	Forfra Solutions	Digital Forensic Intern
04	Nitika	B.Sc. (H) FS	Forfra Solutions	Digital Forensic Intern

PLACEMENTS

Sr.No	Name of the student	Course	Name of the organization	Designation
01	Mr. Krish R Mehta	B Sc (H) FS	Rajta Golden Transport Company	Operation Executive
02	Chitranshu Joshi	B.Sc. (H) Math (Research)	Protouchpro Services Private Limited	Career Advisor
03	Yash Banjara	B.Sc. (H) FS	Alembic Pharmaceuticals Pvt Ltd	Medical Representatives (sales)
04	Anjali Pokhariyal	B.Sc. (H) FS	Tutorx Educational Services Private Limited	Sales Executive
05	Sneha Bisht	B.Sc. (H) FS	Tutorx Educational Services Private Limited	Sales Executive

OUR ALUMNI



As a B.Sc. Physics student at K.R. Mangalam University, my journey has been truly enriching and inspiring. The faculty members are highly qualified, passionate about teaching, and always approachable. Their constant support has helped me strengthen my conceptual understanding and guided me effectively in research and project work. During my time at the university, I got the opportunity to work on an internship project that provided valuable hands-on experience and helped me develop a problem-solving approach. The guidance and encouragement from the faculty, along with the support of the university's Innovation and Incubation Centre, KEIC, played an important role in nurturing my entrepreneurial aspirations. I was fortunate to have my startup idea, along with my team, incubated at KEIC, where we received mentorship, resources, and expert guidance to develop our concept further.

Beyond academics, K.R. Mangalam University offers a vibrant campus life supported by excellent infrastructure, modern laboratories, and a strong emphasis on holistic student development. The university has truly provided me with a strong foundation for achieving my academic and professional goals.

My journey at the School of Basic and Applied Sciences, K.R. Mangalam University, has been enriching and transformative. During my B.Sc. (Hons.) Mathematics program from 2022 to 2025, I gained strong academic knowledge and personal growth under the guidance of experienced and supportive faculty.

The well-structured curriculum, along with seminars, projects, assessments, doubt sessions, and mentorship, helped strengthen my conceptual understanding, analytical thinking, and problem-solving skills. Beyond academics, the vibrant campus life and co-curricular activities made my undergraduate experience memorable.

I am grateful to the faculty and staff of the School of Basic and Applied Sciences for their constant support, encouragement, and guidance throughout my journey.

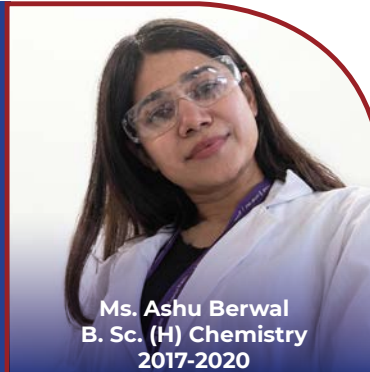


As an alumnus of the B.Sc. Mathematics program, I take immense pride in being associated with the School of Basic and Applied Sciences. My academic journey here was truly enriching and played a significant role in shaping my personal and professional growth. The comprehensive curriculum, combined with the guidance of experienced and supportive faculty members, helped me develop a strong conceptual understanding of mathematics, analytical thinking, logical reasoning, and problem-solving abilities.

The School provided an encouraging learning environment where classroom teaching was complemented by meaningful academic discussions, practical exposure, and opportunities for overall development. The knowledge, values, and skills I acquired during my time here have served as a strong foundation for my career and continue to motivate me to pursue excellence in every endeavor.

I am grateful to the School of Basic and Applied Sciences for nurturing my potential and preparing me to face future challenges with confidence, discipline, and determination.

As a proud alumnus of B.Sc. Chemistry from the School of Basic and Applied Sciences, I am deeply grateful for the strong academic foundation and practical exposure I received during my time here. The guidance of dedicated faculty and the hands-on laboratory experiences helped me build a solid understanding of the subject and its applications. Beyond academics, the vibrant environment and opportunities for personal growth shaped my confidence and career aspirations. I owe much of my success to the holistic learning I experienced at SBAS and wish the current students an equally enriching journey.



STUDENTS' CORNER

THE GIRL WHO BORROWED TOMORROW

There was once a girl named Tara who found a tiny shop squeezed between a tea stall and a photocopy center. She had walked past that lane a hundred times, yet somehow, she had never seen it before.

The signboard read:

"Tomorrows for Rent. Cheap."

Tara blinked. "That's... not normal," she muttered.

Naturally, she went in.

Inside, an old man sat behind a counter, sipping chai like nothing unusual was happening.

"First time?" he asked without looking up.

"Do you... actually rent tomorrow?" Tara asked.

"Of course. Students usually take exam results in advance. Lovers take future arguments to avoid them. Some people just want to know if things get better."

Tara hesitated. "And... how much does it cost?"

The man finally looked at her. "Just one memory."

"One memory?" she frowned.

"Something small. A moment you won't miss much."

Tara thought for a second. Easy. She had plenty of useless memories. Embarrassing ones, boring ones...

"Fine. I'll take one tomorrow."

The man handed her a tiny glass bottle glowing faintly. "Open it when you're ready."

That night, Tara sat on her bed, staring at the bottle.

"What if my future is amazing?" she whispered. "What if I'm finally happy?"

She opened it.

Suddenly—

She was somewhere else.

She was laughing. Really laughing. The kind that makes your stomach hurt. She was with people she loved, doing something she clearly cared about... and for the first time in a long while, she felt peaceful.

Then—snap.

She was back in her room.

Her heart was racing. "That was... my tomorrow?"

She ran back to the shop the next day.

"I want more," she said.

The old man shook his head. "Careful. The more tomorrows you borrow, the more today's you forget."

"I don't care."

"Everyone says that."

But he gave her another bottle.

And another.

And another.

Days passed. Or maybe weeks. Tara wasn't sure anymore.

She kept trading memories—her first school day, her favorite song, even her best friend's birthday.

Each time, the future looked brighter.

Each time, the present felt emptier.

One day, she opened a bottle and saw herself... sitting in that same shop.

Alone.

No laughter. No people. Just silence.

She dropped the bottle.

"What was that?" she whispered.

The old man sighed. "That's the tomorrow you're creating."

"I don't understand..."

"You kept borrowing happiness from the future," he said gently. "But you stopped living your present. So now, your future has nothing left to give."

Tara felt something break inside her.

"Can I fix it?"

The old man slid one final bottle toward her.

"No charge," he said. "But this one isn't tomorrow."

"What is it?"

"Today."

Tara went home.

She didn't open the bottle.

Instead, she stepped outside. Called a friend. Watched the sunset. Laughed a little—awkwardly at first, then genuinely.

For the first time in a long time, she lived.

And slowly, without her noticing—

Tomorrow started fixing itself.

Moral -----

Sometimes we chase a better future so hard... we forget it's built from the present we keep ignoring.

Sneha Parmanik
B Sc (H) Chemistry

FORENSIC SCIENCE JOKES FOR SBAS NEWSLETTER

1. Forensic Scientist 1: "I think I've found a lead!"

Forensic Scientist 2: "Is it a suspect?"

Forensic Scientist 1: "No, it's literally a piece of lead. From a 9mm."

2. How does a forensic toxicologist handle a breakup? They just wait for the relationship to finish its half-life and clear the system.

3. Detective: "Time of death?"

Forensic Pathologist: "Hard to say, but based on the victim's calendar, he's definitely going to miss his 4:00 PM dental appointment."

4. What's the difference between a forensic scientist and a magician? A magician pulls a rabbit out of a hat in split-second, a forensic scientist pulls a DNA profile out of a hat, but it takes six weeks and a lot of paperwork.

5. Why did the DNA polymer break up with the helicase? It just felt like they were drifting in different directions and needed some space to unzip.

6. Expectation: I'm going to be like CSI, wearing sunglasses indoors and solving murders in 45 minutes with high-tech holograms.

Reality: I've been staring at this one microscopic fibre for three hours, and I'm pretty sure it's just a piece of my own sweater.

7. Me at 2:00 AM: Deep into a textbook about decomposition.

My Roommate: "Bhai, what are you reading?"

Me: "Just looking for ways to hide your body if you touch my Maggi again. The fingerprint analysis on the wrapper is already done."

8. Why don't forensic students get married easily? Because when the Priest says, "Match the Kundlis," we start looking for matching DNA alleles and 13 CODIS loci instead.

9. When you can identify the exact brand of gutkha found at a crime scene just by the shade of red, but you still can't find your own socks in your hostel room.

10. Teacher: "Define a 'Chain of Custody'."

Me: "It's like passing a wedding invitation from your Chacha to your Mama to your Taiji, but if anyone loses the envelope, the judge screams at you."

11. Expectation: Scanning a blurry CCTV photo and clicking "ENHANCE" to see the killer's soul.

Reality: Spending 4 hours in the heat at a crime scene in Noida only to find out the "evidence" is just a discarded Parle-G packet.

12. Relative: "Beta, will you get a government job in the CBI?"

Me: "Aunty, at this rate, the only 'investigation' I'll be doing is finding out which neighbour's dog keeps pooping in front of our gate."

13. I spent three years studying "Non-Destructive Entry" and "Tool Mark Analysis," only for my dad to watch CID and say, "Why are you wasting time? Just break the door like Daya. Case closed."

14. My Friend: "Bhai, look at that girl, she's so pretty."

Me: "Look at her gait analysis, she definitely has a slight lateral limp. Could be a childhood injury or just bad footwear. Also, her lip print on that cutting chai glass is a perfect Type II groove pattern."

My Friend: "This is why you are single, yaar."

15. In Hollywood, they spray Luminol and the whole room glows blue. In my hostel lab, we spray the "imported" reagent and the only thing that happens is the Professor starts glowing with rage because we used too much of the expensive chemicals.

16. Expectation: Sealing a single hair in a high-tech sterile polymer pouch.

Reality: Trying to find a clean Sardaar Ji Da Dhaba carry bag because the lab ran out of evidence envelopes and the case needs to be filed by 5 PM.

17. We don't need a Toxicology lab to know the Mess Paneer is toxic. We just look at it and the "Time of Death" for our stomach is instantly calculated.

18. Random Uncle: "Beta, I heard you study forensics. Can you tell me if my maid is stealing sugar?"

Me: "Uncle, unless she is leaving her fingerprints in the sugar jar and you have a 10-print reference card for her on file, please just buy a CCTV camera and let me study my Entomology in peace."

Vidhi Kumari
B. Sc. (H) Forensic Science

GALLERY











K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



08800697010-15



011-48884888



8800697012

www.krmangalam.edu.in | admissions@krmangalam.edu.in



krmuniv



krmuniv



K.R. Mangalam University



krmuniv



K.R. Mangalam University