K.R. MANGALAM UNIVERSITY

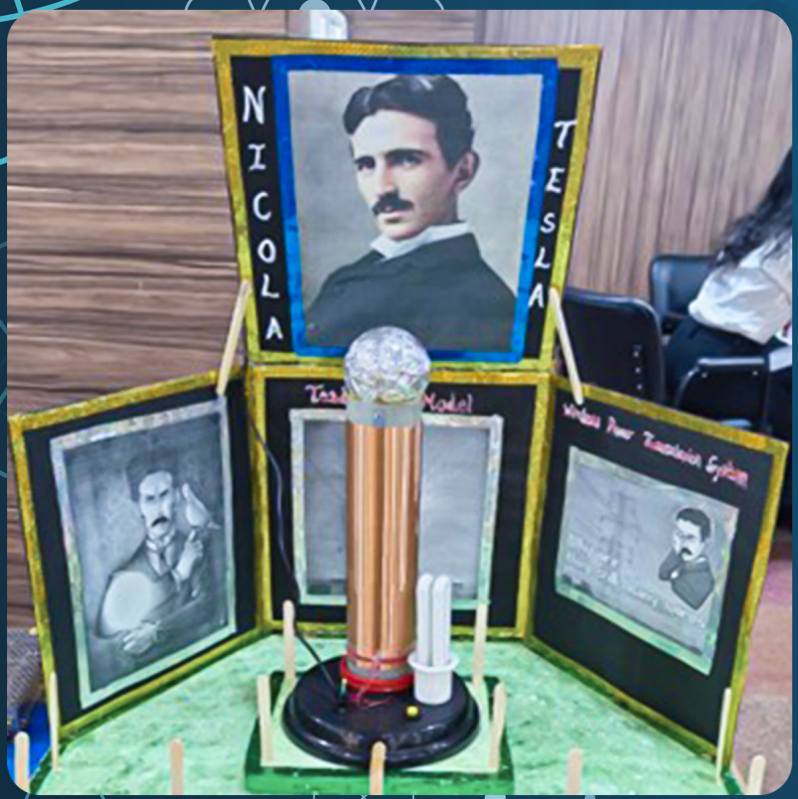
THE COMPLETE WORLD OF EDUCATION

SCHOOL OF BASIC AND APPLIED SCIENCES

QUARTERLY NEWSLETTER

NEWSLETTER JULY TO SEPTEMBER 2025

FRONTIERS IN APLLIED SCIENCES



K.R. MANGALAM UNIVERSITY

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FROM THE EDITOR'S DESK

Dear Readers,

Greetings!

With immense pleasure, we present to you the July–September 2025 edition of Frontiers in Applied Sciences. This issue continues to showcase the dynamic spirit of the School of Basic and Applied Sciences at K.R. Mangalam University—where curiosity drives discovery, and innovation shapes learning.

Over the past quarter, our students and faculty have made remarkable strides through significant research contributions, active participation in national and international conferences, and a wide range of scientific and community-oriented initiatives. Their dedication to advancing knowledge and applying it meaningfully is reflected in every section of this edition. From insightful academic articles and hands-on scientific activities to impactful outreach and collaborative projects, this newsletter captures the evolving landscape of scientific growth within our school.

I extend heartfelt gratitude to everyone who contributed to this publication—the writers, reviewers, coordinators, and all those working tirelessly behind the scenes. Your commitment and creativity continue to enrich each issue and inspire our academic community.

I invite our readers to explore these pages with the same enthusiasm with which they were created. May this edition motivate you to pursue excellence, embrace innovation, and remain engaged with the ever-expanding world of applied sciences.

Warm regards,

Editor

Dr. Neeraj Kumari

Assistant Professor – Senior Scale (Chemistry)

NSS Program Coordinator

WORD FROM THE LEADERSHIP

Dear Students, and Faculty Members of the

K. R. Mangalam University Community,

It gives me great satisfaction to share this edition of Frontiers in Applied Sciences with our academic community. Each publication serves as a reminder of the vibrant spirit, intellectual energy, and scientific curiosity that continue to shape the School of Basic and Applied Sciences.

Our university has always believed that true learning grows when students and faculty work together to question, discover, and innovate. I am pleased to see this vision reflected in the diverse achievements highlighted in this newsletter—whether through research endeavours, creative academic initiatives, or meaningful contributions to society. These milestones demonstrate not only the strength of our academic foundation but also the evolving aspirations of our learners and educators.

As we look ahead, I encourage our students to remain fearless in their pursuit of knowledge and our faculty to continue guiding them with the same dedication and passion. Together, let us cultivate an environment where ideas flourish, challenges inspire growth, and science becomes a powerful tool for transformation.

My best wishes to the entire team for bringing forth another insightful and engaging edition. May this newsletter continue to spark curiosity and celebrate the progress of our school.

Warm regards,

Prof. (Dr.) Raghuvir Singh

Vice Chancellor

K.R. Mangalam University

WORD FROM THE LEADERSHIP

Dear Students, and Faculty Members

Warm greetings from the Office of Dean Research!

I am pleased to share my reflections for this edition of Frontiers in Applied Sciences, a platform that consistently captures the evolving research landscape of the School of Basic and Applied Sciences. Each contribution featured here reinforces the growing research momentum within our institution and highlights the commitment of our faculty and students to scientific rigor and innovation.

At K.R. Mangalam University, we view research as a transformative process—one that deepens understanding, challenges assumptions, and generates solutions with real-world impact. It is encouraging to see our scholars engaging with contemporary problems, adopting emerging methodologies, and collaborating across disciplines. Their work demonstrates not only academic proficiency but also a genuine drive to advance knowledge in meaningful ways.

The achievements documented in this newsletter reflect careful inquiry, methodological precision, and a strong culture of curiosity. I hope these efforts inspire others to contribute actively to our expanding research ecosystem and to pursue questions that push the boundaries of existing knowledge.

My appreciation goes to the editorial team for curating this edition with thoughtful detail. I look forward to seeing our research community continue to grow, innovate, and lead with integrity and scientific excellence.

Warm regards,

Prof. (Dr.) Seema Raj

Dean Research

K. R. Mangalam University

FROM THE DESK OF IQAC COORDINATOR

Dear Readers,

I am delighted to share this edition of Frontiers in Applied Sciences, which reflects the dynamic academic and research culture of the School of Basic and Applied Sciences. At IQAC, our focus remains on fostering a strong quality framework that encourages innovation, collaboration, and continuous improvement across all academic activities.

The achievements highlighted in this issue—whether in research, student initiatives, or community engagement—demonstrate the collective commitment of our school to excellence and holistic growth. I appreciate the efforts of the editorial team and contributors for presenting these accomplishments with clarity and dedication.

May this edition inspire each of us to maintain high standards, stay curious, and contribute meaningfully to a vibrant academic environment.

Warm regards,

Editor

Dr. Shikha Dutt Sharma

IQAC Coordinator

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

Dear Readers,

The latest edition of Frontiers in Applied Sciences reflects the continued progress, energy, and academic strength of the School of Basic and Applied Sciences. Our focus remains on nurturing scientific curiosity, encouraging rigorous research, and providing students with meaningful learning experiences that prepare them for future challenges.

This newsletter highlights the efforts of our faculty, the achievements of our students, and the many initiatives that enrich our academic environment. Each contribution demonstrates our commitment to creating a school where innovation, collaboration, and critical thinking thrive.

I extend my sincere thanks to the editorial team and contributors for presenting these developments with clarity and dedication. As we move ahead, I invite all members of our school to stay engaged, pursue excellence, and continue building a strong academic community.

Regards,

Prof. (Dr) Meena Bhandari

Dean, School of Basic and Applied Sciences

ABOUT THE SCHOOL

The School of Basic and Applied Sciences stands out as a hub where curiosity meets rigor. With its focus on Physics, Chemistry, Mathematics, and Forensic Science, the school nurtures both deep subject knowledge and practical skills, ensuring students are not only learners but thinkers, innovators, and problem-solvers.

What truly sets SBAS apart is its commitment to cultivating creativity and independent thinking. Students are encouraged to explore, experiment, and apply scientific principles confidently preparing them for both academic pursuits and real-world challenges. At the same time, the school fosters an environment where faculty and students collaborate across disciplines, embracing new ideas and methodologies that advance both teaching and research.

More than just an academic institution, SBAS is a community dedicated to making meaningful contributions to society. It empowers its members to think critically, act responsibly, and leave a positive impact on the nation and beyond.

OUR ACHIEVERS FACULTY AND STUDENT

FACULTYS' ACHIEVEMENT

Dr. Shweta Bansal (PI, SOET), along with Co-PIs Dr. Pooja Vats and Dr. Rajni Gautam from SBAS, is leading a prestigious project for which our university has received a grant from the IKS Division, Ministry of Education, Government of India. Under this initiative, four selected students will develop an innovative mobile application that showcases Indian Knowledge Systems using AR/VR technologies. Each student intern will receive a stipend of ₹10,000 per month for six months, along with an internship certificate from the Ministry of Education. This achievement marks an important step in strengthening experiential learning and encouraging technological creativity among our students.

Dr. Pooja Sindhu, Assistant Professor (Chemistry, SBAS) has been granted financial assistance by the Anusandhan National Research Foundation (ANRF) to participate in the 6th European Conference on Metal Organic Frameworks and Porous Polymers (EuroMOF 2025) in Greece from 21–24 September 2025.

Anusandhan National Research Foundation (ANRF)

(A Statutory Body created by an Act of Parliament - ANRF Act, 2023)

ANRF
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

File Number: ITS/2025/003959

Dated: 18-Aug-2025

To
Dr. Pooja Sindhu,
K.R. Mangalam University , Sohna road, Gurugram, Haryana-122103

Subject: Financial Assistance to Dr. Pooja Sindhu for participating in **"6th European Conference on Metal Organic Frameworks and Porous Polymers (EuroMOF 2025), Greece (21 September, 2025 to 24 September, 2025)"**

Sir/Madam

We are happy to inform you that your application seeking financial grant to attend the above mentioned international scientific event has been recommended for support by the Anusandhan National Research Foundation (ANRF). **We will provide to and fro economic class air-fare by the shortest route, airport tax , visa fees & registration fees**. It is hoped that the support will give you an opportunity to interact with leading international experts in the area. The support, however, is subject to the following conditions.

1. You should not have received financial support during the last three years under this scheme.

2. The air tickets are to be booked in economy class at "**Best Available Fare**" on the date of booking. It may be noted that rescheduling/cancellation charges will not be reimbursed.

3. ANRF is directed to instruct the applicant to purchase the air tickets from either of three Authorised Travel Agents viz. i) M/s Balmer Lawrie & Company Limited (BLCL) and ii) M/s Ashok Travels & Tours (ATT) and iii) Indian Railways Catering and Tourism Corporation (IRCTC) vide order no. 19024/03/2021-E.IV dated 31-12-2021 issued by Department of Expenditure, Ministry of Finance. In case of failure of adherence to this guideline, air fare will not be reimbursed.

4. The candidate availing ITS must have to submit the certificate for "**Best Available Fare**" at the time of reimbursement. In case, tickets are booked through IRCTC, it is mandatory to submit a screenshot of the related IRCTC webpage as an evidence to ensure that the tickets has been booked at the "Best Available Fare"

Prof. Garima Awasthi, Associate Professor (Forensic Science, SBAS) has received the prestigious Research Innovation in Education Award at the Wisdom Icon Awards 2025, recognizing her contributions to teaching, guidance, and lifelong inspiration.

S No	Name of the Faculty	Department	Award
1	Dr. Neeraj Kumari	Chemistry	Dedication and Service Award- 2025
2	Dr. Rajni Gautam	Physics	Best Teacher Award - 2025
3	Dr. Rishi Ranjan Kumar	Physics	Young Achiever of the Year – 2025
4	Dr. Shivani Sehgal	Forensic Science	Young Faculty Achiever of the Year – 2025

K.R. MANGALAM UNIVERSITY
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CERTIFICATE OF APPRECIATION

This is to certify that

Dr. Rishi Ranjan Kumar

(Assistant Professor – SBAS)

Has been awarded the prestigious honor of

Young Faculty Achiever of the Year Award - 2025

In recognition of outstanding dedication and unwavering commitment to promote knowledge and learning at the K.R. Mangalam University, Gurugram during Academic Session 2024-25.

We acknowledge your commitment, integrity, and dedication, and wish you all the best for your academic excellence in the years to come.

Dr. Rahul Shrma
Registrar

Prof. Raghuvir Singh
Vice Chancellor

K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF APPRECIATION

This is to certify that

Dr. Neeraj Kumari

(Assistant Professor (Senior Scale) – SBAS)

Has been awarded the prestigious honor of

Dedication and Service Award - 2025

In recognition of outstanding dedication and unwavering commitment to promote knowledge and learning at the K.R. Mangalam University, Gurugram during Academic Session 2024-25.

We acknowledge your commitment, integrity, and dedication, and wish you all the best for your academic excellence in the years to come.

Dr. Rahul Shrma
Registrar

Prof. Raghuvir Singh
Vice Chancellor


K.R. MANGALAM UNIVERSITY
DESTINATION SUCCESS
Young Faculty Achiever of the Year Award
2025
is presented to
Dr. Shivani Sehgal
(Assistant Professor – SBAS)
on occasion of Teacher's Day, 2025
for unwavering commitment and exemplary contribution
during Academic Session 2024-25

Dr. Chandra Mohan, SBAS, K.R. Mangalam University, has been selected for the prestigious INSA Visiting Scientist Programme (FY 2025–26) to undertake a one-month research visit at CSIR-CSIO, Chandigarh.

INDIAN NATIONAL SCIENCE ACADEMY
Bahadur Shah Zafar Marg, New Delhi – 110002

Madhvendra Narayan
Assistant Executive Director – I

INSA/SP/VSP-60/2025-26/
15th September, 2025

Dr. Chandra Mohan
School of Basic & Applied Sciences,
K R Mangalam University, Sohna Road, Gurugram 122103

Sub: INSA Visiting Scientist Programme, FY 2025-26

Dear Dr. Mohan,

This is with reference to your application for INSA Visiting Scientist Programme for FY 2025-26. I am happy to inform that you have been selected for this award under which you can visit **CSIR-Central Scientific Instruments Organization (CSIO), Chandigarh** for a period of **1 month** on following terms conditions:

1. During the fellowship period you will be provided the following:

   a). **A contingency of Rs. 30,000/- per month (or as per actual, whichever is less) to cover expenses related to boarding, lodging and laboratory/research related items.**

   b). The **travel expenditure** from parent to the visiting institute will be reimbursed separately on **production of ticket and boarding passes as per the entitlement** in line with **Central Govt. TA Rules (Air Ticket should be purchased from IRCTC, Balmer & Lawrie and Ashok Travels & Tours only).**

   c). In case, the Parent and Visiting Institutions are in the **same City/NCR/Twin City**, then the **local travel expenditure will not be applicable**.

2. Candidate selected as Visiting Scientist must complete their visit on or before **31st January, 2026**.
3. The **Claim Bill, Utilization Certificate** from the Parent Institute and **Completion Certificate** from the Visiting Institute should be submitted immediately after the completion of visit and not later than **15th February, 2026.**
4. Grant will be released to the **Parent Institute.** Accordingly, Parent Institute's Bank details should be provided.
5. In case of any Change in Parent Institute, prior permission is to be obtained from INSA.
6. One month of visit is must for claim to be raised. In case of on-line mode, no grant assistance will be provided by INSA. Split visit is not allowed.
7. The awardees are advised to avail Govt./Institute guest house/Hostel/Hotel accommodation for boarding and lodging purpose.
8. A **short Report** (2-3 typed pages) should be sent to the Academy immediately after completion of the visit.
9. No deviation from above guideline is allowed.

Kindly communicate your acceptance.

With best wishes,

Yours sincerely,
(M Narayan)

Encl. Claim Bill, UC, Bank details Proforma and Check List

CC: Dr Suman Singh, Email: Ssingh.csio@csir.res.in

FACULTY PARTICIPATION AND ACADEMIC ENGAGEMENTS IN PROFESSIONAL DEVELOPMENT PROGRAMMES

INVITED SPEAKER

S.No.	Name	Department	Event	Date	Issuing Authority
1	Dr. Chandra Mohan	Chemistry	Invited Speaker – Five Days Webinar on Research Methodology	1–5 September 2025	University Dept. of Mathematics, LNMU & Kameshwar Nagar, Darbhanga
2	Prof. Garima Awasthi	Forensic Science	Invited Speaker – National Conference on "Environment Pollution: Challenges and Solutions"	3–4 September 2025	International Society for Life Sciences
3	Prof. Kumud Kant Awasthi	Forensic Science	Invited Speaker – National Conference on "Environment Pollution: Challenges and Solutions"	3–4 September 2025	International Society for Life Sciences
4	Dr. Mahipal Singh Sankhla	Forensic Science	Invited Lecture – Ancient Forensics: Bridging Indian Knowledge System and Hindu Mythology	6 September 2025	Department of Forensic Science, Bahra University, Shimla Hills

PARTICIPATION IN FDP

S.No.	Name	Department	Programme	Date	Issuing Authority
1	Dr. Pratibha Sharma	Chemistry	Two-week Online Joint FDP on "AI for Teaching and Learning"	18–29 August 2025	Ministry of Electronics & ICT Academies under MeitY, Govt. of India
2	Dr. Mamta Raj	Chemistry	Two-week Online Joint FDP on "AI for Teaching and Learning"	18–29 August 2025	Ministry of Electronics & ICT Academies under MeitY, Govt. of India

PARTICIPATION IN FDP

S.No.	Name	Department	Programme	Date	Issuing Authority
1	Dr. Neeraj Kumari	Chemistry	NEP Orientation & Sensitization Programme	11–23 August 2025	IIT (ISM) Dhanbad
2	Dr. Ruby Jindal	Physics			
3	Dr. Mina Kumari	Mathematics			
4	Dr. Kriti	Physics			
5	Dr. Sujata	Chemistry			
6	Dr. Pooja Vats	Mathematics			
7	Dr. Rajni Gautam	Physics			

PARTICIPATION IN CONFERENCE

S.No.	Name	Department	Conference	Date	Organization
1	Dr. Prawar Chaudhary	Mathematics	BRICK-SUMMIT	28 July–10 August 2025	Russian Ministry of Education & Science
2	Dr. Rishi Ranjan Kumar	Physics	International Conference & Forum (PRES'25)	24–27 August 2025	Sunway University, Malaysia
3	Dr. Chandra Mohan	Chemistry			
4	Prof. Garima Awasthi	Forensic Science	2nd International Conference on Toxico (IOCTO-2025)	8–10 September 2025	MDPI's Toxics journal

EXAMINER IN PHD VIVA

S.No.	Name	Activity	Date	Organization
1	Prof. Kumud Kant Awasthi	External Examiner – Ph.D. Viva	18 September 2025	Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu
2	Prof. Kumud Kant Awasthi	Ph.D. Thesis Adjudication – Dispatch of Thesis	16 September 2025	Apex University, Jaipur

PARTICIPATION IN WORKSHOP

S.No.	Name	Event	Date	Organization
1	Prof. Kumud Kant Awasthi	Workshop under SSR Activity of DST-ANRF Funded Project	26 September 2025	Suresh Gyan Vihar University, Jaipur
2	Prof. Kumud Kant Awasthi	One Day Workshop on "Gold Biomineralization of Cancer Cells and Photothermal Therapy"	26 September 2025	School of Applied Sciences, Suresh Gyan Vihar University, Jaipur

MEMBERSHIP

S.No.	Name	Event	Date
1	Prof. Garima Awasthi	Senior Membership – International Association for Carbon Capture	9 September 2025

CREATIVE/SCIENTIFIC ARTICLES

THE FUTURE ENGINE: QUANTUM & DNA COMPUTERS RESHAPING TOMORROW

The quantum computers and DNA computers are the greatest advancement humanity has ever made in redefining intelligence, engineering, and life itself. The quantum computers are working at the borderline of the real world and with the help of qubits, i.e., small particles that exist in different states simultaneously, they investigate the possibility of exploring billions of parallel possibilities before a classical computer can begin its first calculation. They are not merely computers; they imitate the workings of the universe. They can solve the most complicated equations offered by the nature, create materials that we cannot even imagine, design whole cities, make AI much faster and much better than it is now. DNA computers are based on the most powerful and the oldest information system known life, on the opposite end of the spectrum. The DNA strands are processors that are capable of replicating and healing themselves as well as functioning in trillions of parallel forms, which is as efficient as Silicon Valley can only dream of. How about a computer that can be powered by a drop of blood, can diagnose an illness in just a few seconds, restore cellular damage or hold the entire internet in a glass vial? Suppose now you put together these two frontiers. As soon as quantum precision is brought to biology, we are in the Hybrid Intelligence Era, the machines that are able to compute at cosmic scales and the biological systems that are able to compute at molecular precision. The two of them will not only engineer cures before diseases even exist, but they will also make energy systems based on stars and AI that learn how life evolves. Humanity will unlock devices that will allow it to colonize planets, read the secrets of consciousness, and make the global climate a stable, well-simulated environment, a world that even borders on prophecy. It is not the technology-follow up, but it is civilization-follow up. The day when we will no longer have cold machines as our computers, but rather breathing engines made of light, atoms, and running code. A possible future in which the line between biology and technology is erased, and intelligence is something that even the universe is engaged in. It is the next generation of engines- Quantum and DNA computing that will be repacking the future like a powerhouse capable of rewriting the history of the human race.

Dr. Arun Kumar Yadav

Assistant Professor (Mathematics)

THE PHYSICS BEHIND EVERYDAY TECHNOLOGIES

In our daily lives, we constantly interact with technologies that feel effortless—capturing photos, navigating unfamiliar roads, or listening to music in noisy environments. Yet beneath this convenience lies an extraordinary number of physics. Whether it is optics, relativity, or wave interference, fundamental concepts drive the devices we use every day. Here, we explore three common technologies and uncover the physics that makes them possible: smartphone cameras, GPS navigation, and noise-cancelling headphones.

1. How Smartphone Cameras Use Physics

The tiny camera inside a smartphone is an impressive achievement of physics and engineering. At the heart of every camera lies geometrical optics. The lens system—often made of multiple miniature plastic lenses—focuses incoming light onto a semiconductor sensor called the CMOS (Complementary Metal-Oxide-Semiconductor) chip. When light waves strike this sensor, they generate electrical signals through the photoelectric effect, a phenomenon explained by Albert Einstein over a century ago.

Smartphones also rely on diffraction limits, which determine how small a camera lens can be while still producing sharp images. To overcome this limitation, manufacturers use techniques like computational photography, combining multiple images and applying algorithms based on physics of light scattering and noise reduction.

Even features like image stabilization use physics: gyroscopes and accelerometers detect motion, and the lens or sensor shifts in the opposite direction, following Newton's laws of motion. So every time you click a selfie or capture a sunset, you're using a sophisticated interplay of optics, quantum physics, and classical mechanics.

2. How GPS Relies on Relativity

It may be surprising to learn that the Global Positioning System (GPS) works accurately only because Einstein's theory of relativity is considered. GPS satellites orbit Earth at about 20,000 km altitude, where gravity is weaker and clocks tick slightly faster than on Earth's surface. According to general relativity, weaker gravity makes time run faster.

At the same time, these satellites travel at high speeds, and due to special relativity, moving clocks run slower.

The combined effect results in satellite clocks running about 38 microseconds faster per day than clocks on Earth. Although this seems tiny, even a 1-microsecond error would create a positioning error of nearly a kilometre. Engineers correct for this time shift by calibrating satellite clocks, ensuring that your phone's GPS can pinpoint your location with meter-level accuracy.

Every time you use Google Maps to find the nearest café or navigate a new city, the accuracy you rely on exists only because physics predicts and corrects relativistic time differences.

3. How Noise-Cancelling Headphones Use Interference

Noise-cancelling headphones provide quiet comfort using the principle of wave interference. Microphones in the headphones detect ambient sound, such as engine noise or chatter. The system then generates a sound wave of the same amplitude but opposite phase—a technique known as active noise cancellation (ANC).

When the original sound wave and the generated wave meet, they undergo destructive interference, effectively cancelling each other out. This elegant application of wave physics eliminates low-frequency noises, making it easier to focus, study, or travel peacefully.

Some advanced models incorporate quantum sensors for extremely precise motion detection, improving the cancellation of sudden or complex sounds.

Conclusion

From the elegance of optics to the precision of relativity and the beauty of wave interference, physics quietly shapes the tools we use every day. Understanding these principles not only deepens our appreciation for modern technology but also inspires curiosity about how fundamental science continues to transform our world.

Dr. Ritika Khatri

Assistant Professor (Physics)

RISE, REKINDLE, REALISE

With every dawn comes one more chance
To move ahead, to grow and advance.
No dream too small, no height too steep—
Your waiting wings are yours to keep.
The path may twist, the winds may cry,
Yet strength is born each time we try.
Every downfall refines the will we gain,
Each challenge accepted never goes in vain.
And when your doubts drift in like haze,
Stand tall, stay bold, let visions blaze.
For every spark inside your mind
Will make you more'n more bright.
Believe in roads you've yet to trace,
In whispered goals you dare to face.
For life expands where efforts rise—
Hope turns the darkest hours to skies.
So, rise once more with purpose true,
Let faith light every step you pursue.
Your tale is yours—go on, begin…
Greatness takes root deep within.

Dr. Mehak Ahuja

Assistant Professor (Chemistry)

RESEARCH UPDATES

JOURNAL ARTICLES

Author Name	Name of the Research Article	Name of Journal	Scopus/ WoS/ SCIE	Impact factor and Cite Score	Date of Publication
Prof. Meena Bhandari	Excess thermodynamics properties of binary mixtures of triacetin with cyclic and acyclic alcohols	Physics and Chemistry of Liquids	Scopus	IF: 1.1 CS: 2.5	01st Jul 2025
Dr. Sarita Yadav	A Review of Recent Advances in Nanostructured Electrode Materials for High-Performance Supercapacitors	Journal of Electronic Materials	Scopus	IF: 2.1 CS: 4.3	01st Jul 2025
Dr. Nitish Yadav	Flexible Piezoelectric Polymer Membrane as Effective Tactile Sensor	IEEE Journal on Flexible Electronics	WoS/ Scopus	IF: 2.4 CS: 3.4	03rd Jul 2025
Dr. Kriti	Compressive deformation mechanism of equiatomic nickel copper alloy with faceted grain boundary: molecular dynamics simulations	Proceedings of the Indian National Science Academy	Scopus	CS: 2.7	15th Jul 2025
Dr. Mina Kumari	Artificial Intelligence: Evaluating Its Role and Impact On Achieving Sustainable Development Goals	International Journal of Environmental Sciences	WoS/ Scopus	CS: 1.4	26th Jul 2025
Dr. Mina Kumari and Dr. Prawar	Integrating AI-Driven Parametric Models For Agricultural Risk Assessment Under Data Scarcity: An Extension Of Simulation-Based Decision Support In India	International Journal of Environmental Sciences	WoS/ Scopus	CS: 1.4	26th Jul 2025
Dr. Prawar Chaudhary	Optimization of Process Parameters on Mild Steel Rotavator Blades	WSEAS Transactions on Systems	Scopus	IF:0.87 CS: 1.2	01st Aug 2025
Dr. Mina Kumari and Dr. Prawar	A Machine Learning Approach to Analyze Patterns and Comments in Java Code using Python	WSEAS Transactions on Information Science and Applications	Scopus	IF:0.98 CS:1.1	07th Aug 2025
Dr. Nitish Yadav	Design of ZnO/Si heterojunction solar cell using solar cell capacitance simulator	Indian Journal of Chemical Technology (IJCT)	WoS/ Scopus/SCIE	IF:0.76 CS: 1.3	08th Aug 2025
Dr. Pardeep Kumar	Inclined MHD Flow of Carreau Hybrid Nanofluid over a Stretching Sheet with Nonlinear Radiation and Arrhenius Activation Energy Under a Symmetry-Inspired	Symmetry, MDPI	WoS/ Scopus/SCIE	IF: 2.2 CS:5.4	15th Aug 2025

Author Name	Name of the Research Article	Name of Journal	Scopus/ WoS/ SCIE	Impact factor and Cite Score	Date of Publication
Dr. Chandra Mohan	Bioengineering of iron oxide nanoparticles using leaves extract of Dalbergia sissoo for the removal of diclofenac and tetracycline from water: optimization by BBD approach	Environmental Geochemistry and Health	Scopus	IF: 4.0 CS: 7.2	15th Aug 2025
Dr. Seema Raj and Prof. Meena Bhandari	Recent innovations in nanomedicine and nano-based techniques for the treatment of breast cancer	Bioimpacts	Scopus	IF: 2.2 CS: 5.0	25th Aug 2025
Dr. Mahipal Singh	Cutting-edge methods for the preservation and storage of forensic pathology tissue samples	Problems of Forensic Sciences	WoS/ Scopus	IF: 0.1 CS:0.4	26th Aug 2025
Prof. Kumud Awasthi	Combating Organophosphate Toxicity: Novel Strategies for Detection, Analysis, and Sensor Development for Public Health Protection	TrAC Trends in Analytical Chemistry Journal	WoS/ Scopus	IF: 12.0 CS:18.6	04th Sep 2025
Dr. Chandra Mohan	Metal–Organic Frameworks (MOFs): Structure, Synthesis, Characterization, and Emerging Applications in Energy, Environment, and Biomedicine	Journal of Carcinogenesis	WoS/ Scopus	IF: 2.9 CS: 2.3	8th Sep 2025
Dr. Mahipal Singh Sankhla	Advances in Carbon Quantum Dot-Based Nanocomposites for Targeted Detection of Food Toxins: A Focus on Safety Applications	Journal of Food Composition and Analysis	SCI/ Scopus	IF: 4.6 CS: 7.2	16th Sep 2025
Dr. Yogendra Kumar Rajoria	An EOQ Model for Non-Instantaneous Deteriorating Items under Pandemic Conditions using Triangular Intuitionistic Fuzzy Numbers.	WSEAS Transactions on Biology and Biomedicine	Scopus/WoS	IF: 0.13 CS: 0.6	20th Sep 2025
Dr. Yogendra Kumar Rajoria	Modeling the Resilience of Wildlife Populations Reliant on Forest Resources in the Face of Increasing Human Population Pressure	International Journal of Global Environmental Issues	Scopus	IF: 0.27 CS: 0.9	21st Sep 2025
Dr. Chandra Mohan	In Memoriam: Professor Philippe Jeandet – an outstanding scientist and his legacy in natural product chemistry and bioactivity	Bio Technologia: Journal of Biotechnology, Computational Biology and Bionanotechnology	Scopus	CS: 3.3	23rd Sep 2025

Author Name	Name of the Research Article	Name of Journal	Scopus/ WoS/ SCIE	Impact factor and Cite Score	Date of Publication
Dr. Mahipal Singh Sankhla	Development of Latent Fingerprints on Porous and Nonporous Surfaces Using Water Chestnut (Singhara) Flour	Journal of Forensic Science and Medicine	Scopus	CS: 0.5	24th Sep 2025
Dr. Pardeep Kumar	Insights for the Impacts of Inclined Magnetohydrodynamics, Multiple Slips, and the Weissenberg Number on Micro-Motile Organism Flow: Carreau Hybrid Nanofluid Model	Symmetry, MDPI	WoS/ Scopus/SCIE	IF: 2.2 CS:5.4	26th Sep 2025

BOOK/ BOOK CHAPTERS/ CONFERENCE PROCEEDINGS

Author Name	Title of Book Chapter	Name of Publisher	ISSN No.	Date
Dr. Prawar	Leveraging AI and CV Technologies to Advance Water Quality Assessment in Ecological Informatics	CRC Press	9781003518778	17th Jul 2025
Dr. Chandra Mohan	Photocatalytic Materials: Properties, Synthesis, Applications, and Sustainability	CRC Press	9781003516071	09th Aug 2025
Dr. Mahipal Singh Sankhla, Dr. Garima Awasthi, Dr. Kumud Kant Awasthi	Wildlife Forensics	Springer Nature	978-981-95-0199-1	26th Sep 2025
Dr. Baljeet Yadav	Future Directions in Environmental Forensics	Springer	978-981-95-0199-1	26th Sep 2025
Dr. Baljeet Yadav	Forensic Analysis of Soil and Sediments	Springer	978-981-95-0199-1	26th Sep 2025
Dr. Baljeet Yadav	Analytical Strategies for Source Identification and Environmental Justice	Springer	978-981-95-0199-1	26th Sep 2025
Dr. Baljeet Yadav	Case Studies in Environmental Crime Investigations	Springer	978-981-95-0199-1	26th Sep 2025
Dr. Mahipal Singh Sankhla, Dr. Baljeet Yadav, Dr. Saba Rashid	Tracing Environmental Changes over Time	Springer	978-981-95-0199-1	26th Sep 2025

Author Name	Title of Book Chapter	Name of Publisher	ISSN No.	Date
Dr. Mahipal Singh Sankhla, Dr. Baljeet Yadav	Integrative Forensic Methods in food contaminants detection and Identification	IGI Global Scientific Publishing	9798340000000	27th Sep 2025
Dr. Mahipal Singh Sankhla, Dr. Kumud Kant Awasthi	Introduction to Environmental Forensic	Springer Nature	978-981-95-0198-4	27th Sep 2025
Dr. Mahipal Singh Sankhla	Ecosystem Restoration and Remediation in the Context of Forensic Science and Environmental Analysis	Springer Nature	978-981-95-0199-1	28th Sep 2025
Dr. Chandra Mohan	Application of microbial communities in wastewater treatment	Elsevier	978-0-443-33062-9	29th Sep 2025

PATENTS

Author Name	Title of Patient	Name of Agency	Date
Dr. Baljeet Yadav	A Blow Fly Larvae Magnifier: An Ergonomic, High-Precision Tool for Post-Mortem Interval Determination in Forensic Science	Indian (Design)	1st August 2025

EVENT CORNER

HANDS-ON WORKSHOP: SCIENTIFIC VISUALIZATION WITH BLENDER

The School of Basic and Applied Sciences (SBAS), in collaboration with the Research & Development Cell (RDC), K.R. Mangalam University, successfully organized an offline hands-on workshop on Scientific Visualization using Blender on 1st August 2025 at A213, Aryabhata Block. The workshop was conducted for faculty members and research scholars, with a total participation of 37 attendees.

The session was coordinated and delivered by Dr. Rishi Ranjan Kumar, Assistant Professor, SBAS, who introduced participants to Blender as a powerful open-source tool for scientific visualization. The workshop began with an opening address by Dr. Pawan Kumar, Associate Dean (Research), highlighting the growing importance of visual tools in effective research communication.

During the session, participants were trained in the fundamentals of Blender, including interface navigation, object modeling, materials, and rendering techniques relevant to scientific applications. Hands-on demonstrations enabled attendees to create 3D models, visualize complex data, and export high-quality visuals suitable for presentations and publications. An interactive Q&A and practice session further enhanced participant engagement.

Prof. Pawan Kumar briefed about the session and expert of the session

TRAINING SESSION ON CODE OF CONDUCT FOR STUDENTS

On 25th August 2025, the School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, organized an offline training session on the Code of Conduct for students in Room B016, Bhaskaracharya Block. Coordinated by Dr. Neeraj Kumari, Assistant Professor (Senior Scale), the session involved 73 students and focused on ethical standards, academic discipline, and responsible conduct.

Aligned with SDG 16 – Peace, Justice, and Strong Institutions, the training highlighted transparency, accountability, and ethical governance. Students were guided on punctuality, respectful behaviour, academic integrity, adherence to rules, and responsible use of campus facilities. The session emphasized cultivating mutual respect, positive attitudes, and a sense of responsibility, encouraging students to view the Code of Conduct as a foundation for personal growth, academic excellence, and professional development.

Dr. Neeraj Kumari discussed about the do's and don'ts in university campus

TRAINING PROGRAMME ON PROFESSIONAL ETHICS FOR STUDENTS

On 25th August 2025, the School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, organized an offline Training Programme on Professional Ethics for students in Room B016, Bhaskaracharya Block. Led by Prof. Pawan Kumar, Professor, SBAS, the session aimed to strengthen students' understanding of ethical responsibilities in scientific practice and prepare them for academic and professional challenges with integrity. A total of 73 students participated enthusiastically.

Aligned with SDG 4 – Quality Education, the training emphasized developing responsible, ethical, and socially conscious scientific professionals. Prof. Kumar highlighted the importance of honesty in research, accountability, intellectual property rights, and fairness in scientific practice. Students engaged in case study discussions to analyse real-life ethical dilemmas, propose solutions, and enhance critical thinking, teamwork, and ethical decision-making skills.

The session concluded with a strong message on the long-term value of integrity and moral values in personal and professional life. It successfully promoted awareness of professional ethics, enabling students to navigate ethical challenges, uphold transparency, and practice responsible conduct in scientific work.

Prof. Pawan Kumar familiarized the students about the importance of ethics for science students

STUDENT INDUCTION PROGRAM - 2025

The School of Basic and Applied Sciences, K.R. Mangalam University, successfully organized a five-day Student Induction Program (SIP) 2025 under the umbrella of Deekshaarambh from 25th to 29th August 2025 for first-year students of Physics, Chemistry, and Forensic Science. The program witnessed the enthusiastic participation of more than 100 students.

The primary objective of the induction program was to facilitate a smooth transition of students into university life by familiarizing them with academic structure, institutional values, and support systems.

Key Highlights of the Program:

◊ Familiarization with the School:

Students were introduced to the vision, mission, infrastructure, laboratories, faculty members, and academic facilities of the School of Basic and Applied Sciences.

◊ Expert Lectures:

Eminent speakers delivered insightful sessions on professional growth, emerging career opportunities, professional ethics, and interdisciplinary learning.

◊ Industrial Visits:

To bridge the gap between theoretical knowledge and practical exposure, students visited:

- SCERT, Gurugram
- District Forensic Science Laboratory (DFSL), Gurugram

These visits provided real-time exposure to scientific applications and research environments.

◊ Academic Orientation:

Detailed sessions were conducted on:

- Course structure and curriculum framework
- Credit system and evaluation pattern
- Professional ethics and code of conduct

◊ Mentor–Mentee Interaction:

Students were allotted mentors to guide them throughout their academic journey. The session encouraged open dialogue and addressed student concerns.

◊ Student Support Systems Orientation:

Students were familiarized with:

- Career Development Cell (CDC)
- Student Welfare Committee
- Gender Sensitization Cell
- Internal Complaints Committee (ICC)
- International Affairs Cell

◊ Personality & Value-Based Sessions:

Interactive sessions on peer pressure management,

professional conduct, and ethical responsibility were conducted to promote holistic development.

• Ice-Breaking & Interactive Activities:

Engaging activities were organized to help students build confidence, enhance communication skills, and foster teamwork.

The Student Induction Program 2025 successfully created a welcoming and informative environment for the incoming batch. It not only provided academic clarity but also instilled institutional values, professional ethics, and a sense of belonging among students. The program laid a strong foundation for their academic and professional journey at the university.

VISIT TO FORENSIC MEDICINE DEPARTMENT, AIIMS

On 23rd September 2025, the Department of Forensic Science, SBAS, K.R. Mangalam University, organized an educational visit to the Forensic Medicine Department, AIIMS, New Delhi, for 43 B.Sc. Forensic Science (III Semester) students. Coordinated by Dr. Baljeet Yadav and Dr. Saba Rashid, with Dr. A.K. Jaiswal as the resource expert, the visit provided firsthand exposure to medico-legal procedures and forensic medicine.

Students observed a live autopsy, learned about postmortem procedures, evidence documentation, and injury interpretation, and participated in an interactive session on medico-legal documentation, toxicology, and forensic pathology. The visit bridged classroom learning with real-world practice, fostering critical thinking, professional awareness, and practical skills, while aligning with SDG 3 (Good Health & Well-Being) and SDG 4 (Quality Education). This initiative enhanced students' understanding of medico-legal protocols, strengthened professional orientation, and supported career readiness in forensic science.

Industrial visit of B.Sc. Forensic Science students of 3rd semester at All India Institute of Medical Sciences A.I.I.M.S, New Delhi.

INDUSTRIAL VISIT TO NAT HABIT

On 23rd September 2025, the School of Basic and Applied Sciences, K.R. Mangalam University, organized an offline industrial visit to Nat Habit, Gurugram, for 23 B.Sc. (H) Physics students. Coordinated by Dr. Rishi Ranjan Kumar and Dr. Vicky Kapoor, the visit provided practical exposure to sustainable product manufacturing, industrial processes, and applied sciences in the personal care industry.

Students learned about eco-friendly product formulation, sustainable packaging, and industrial research through interactive sessions with Mr. Gaurav Agarwal, Co-Founder, and Dr. Sumit Khatri, R&D Scientist. They explored production facilities, quality control labs, and engaged in Q&A discussions on sustainability, innovation, and entrepreneurship.

The visit enriched students' understanding of real-world applications of applied sciences, fostered industry-academia connections, and encouraged interest in eco-conscious career pathways.

KRMU faculty members giving token of appreciation to Dr. Sumit Khatri (R&D Scientist)

NATIONAL FORENSIC SCIENCE WEEK 2025- 2 DAY CELEBRATION

On 24th–25th September 2025, the Department of Forensic Science, School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, organized a two-day celebration of National Forensic Science Week 2025 at the Multipurpose Hall and Moot Court, Aryabhata Block. The event included intra-university competitions and expert lectures aimed at enhancing students' conceptual understanding, practical skills, and exposure to emerging trends in forensic science.

The celebration saw enthusiastic participation, with 187 students on Day 1 and 157 on Day 2. Convened by Prof. Meena Bhandari (Dean, SBAS) and coordinated by Dr. Komal Yadav along with faculty coordinators Dr. Sourabh Kumar Singh, Ms. Kritika Singh, and Mr. Nitin Tyagi, the event combined academic rigor with experiential learning.

Distinguished experts delivered insightful sessions: Prof. (Dr.) R.K. Sarin highlighted advancements in forensic chemistry and laboratory practices; Dr. Amarnath Mishra discussed analytical toxicology, DNA fingerprinting, and digital forensics; and Mr. Udit Aggarwal demonstrated 3D laser scanning for crime scene reconstruction. Competitions such as poster making, treasure hunts, and the Forensics Brain Buster Quiz promoted analytical thinking, creativity, and practical skills.

The two-day event provided interdisciplinary insights, hands-on learning, and inspiration from leading experts, preparing students for careers in forensic science, law enforcement, research, and related fields.

Expert Session by Prof. R K Sarin and participants

TRAINING PROGRAM ON 'PROFESSIONAL ETHICS' FOR TEACHERS AND STAFF

On 27th September 2025, the School of Basic and Applied Sciences, K.R. Mangalam University, Gurugram, conducted an offline awareness session on the Code of Conduct for Faculty and Staff at Room B016, Bhaskaracharya Block. Led by Prof. (Dr.) Varuna Tyagi, Dean Academics, and coordinated by Dr. Mohabbat Ali and Dr. Yogendra Rajoria, the session engaged 20 faculty and staff members to promote professionalism, ethical behaviour, and institutional responsibility.

Aligned with SDG 4 and SDG 16, the session emphasized transparency, accountability, ethical teaching practices, and respectful communication. Participants were guided on classroom integrity, research ethics, fair assessments, workplace conduct, and compliance with policies such as anti-ragging and anti-sexual harassment.

The programme reinforced the importance of maintaining a disciplined, inclusive, and student-friendly environment. It concluded with appreciation for the clarity of guidelines, successfully enhancing faculty awareness of professional responsibilities and promoting a responsible, harmonious academic environment.

The resource person explained the ancient science and its role in modern science.

OUR ALUMNI

I, Rahul S, am a proud graduate of the B.Sc. Mathematics (2022–2025) programme, I extend my sincere gratitude to K.R. Mangalam University for playing a pivotal role in shaping my academic journey. The programme strengthened my analytical thinking, problem-solving abilities, and conceptual understanding of mathematics. Through supportive faculty, well-structured coursework, and continuous guidance, I gained the confidence to approach complex challenges with clarity and precision.

My experience at KRMU has been transformative, helping me grow both academically and personally. I am truly thankful to the university for providing an encouraging learning environment and for equipping me with the skills essential for my future professional endeavors.

Rahul S

B.Sc. Mathematics (2022–2025)

Currently - Relationship Manager at Jeto Vacations Pvt. Ltd

My academic journey at K.R. Mangalam University has been one of the most transformative and memorable phases of my life. As a B.Sc. (Hons.) Forensic Science student (2022–2025), I, Prayankar Rudra Paul, had the privilege of learning in an environment that encouraged curiosity, analytical thinking, and hands-on exploration.

The well-designed curriculum, advanced forensic laboratories, and the guidance of highly knowledgeable faculty members played a crucial role in strengthening my foundation in forensic science. Their mentorship motivated me to go beyond textbooks, think critically, and develop a deeper understanding of the real-world applications of forensic principles.

Beyond academics, the dynamic and supportive campus culture helped me evolve into a confident, disciplined, and goal-oriented individual. The university not only shaped my professional skills but also instilled values, leadership qualities, and a vision for my future career.

K.R. Mangalam University has given me knowledge, opportunities, and invaluable experiences that have contributed immensely to my personal and professional growth. I, Prayankar Rudra Paul, feel proud to be an alumnus of this esteemed institution, and I will always remain grateful for the guidance and support I received throughout my journey.

Prayankar Rudra Paul

B.Sc. (H) Forensic Science (2022–2025)

Currently - M.Sc. Forensic Science – NFSU, Tripura

My journey as a B.Sc. (Hons.) Forensic Science student at K.R. Mangalam University has been a truly transformative and inspiring experience. The university provided me with a strong academic foundation, state-of-the-art laboratories, and an environment that constantly encouraged scientific curiosity and critical thinking.

Throughout my academic years, I had the privilege of learning from highly experienced and supportive faculty members who guided me at every step. Their mentorship not only strengthened my theoretical understanding but also enhanced my practical skills, preparing me for real-world forensic challenges.

The dynamic campus environment, co-curricular opportunities, and hands-on exposure to various forensic domains helped shape me into a confident and skilled individual. I am grateful for the discipline, values, and professional outlook that the university instilled in me.

K.R. Mangalam University has played a pivotal role in shaping my academic and personal growth. I, Sanjeev Kumar, feel proud to be an alumnus of this esteemed institution and will always remain thankful for the knowledge, opportunities, and unforgettable experiences it has given me.

Sanjeev Kumar

B.Sc. (H) Forensic Science (2022–2025)

Currently - M.Sc. Forensic Science – KRMU

PLACEMENT AND TRAINING PROGRAM

The academic outcomes of the School of Basic and Applied Sciences highlight a strong inclination towards advanced studies and professional employment. Rahul (Mathematics) secured a placement as a Relationship Manager at Jeto Vacations Pvt. Ltd. with an annual CTC of ₹4,80,000. A significant number of students from the Forensic Science programme opted for higher studies at reputed institutions. Deepika, Ashless Sinha, Sanjeev Kumar, Meghna Raghav, Bhumika Raikwat, Alisha Kandari, and Prayankar Rudra Paul pursued M.Sc. Forensic Science at K.R. Mangalam University and National Forensic Science University (Tripura and Nagpur). Khushboo enrolled for M.Sc. Forensic Science at Himachal University, while Shruti Arya joined the M.Sc. Homeland Security programme at National Forensic Science University, Gandhinagar. Sakshi and Sinjoli Goel continued their higher education with M.Sc. Forensic Science at Jamia Hamdard, Delhi. Overall, the outcomes reflect strong academic progression and successful career placements among the students.

PLACEMENT

S N	Name of the student	Course	Internship	Name of the company
01	Rahul	Mathematics	Placement	Relationship Manager at Jeto Vacations Pvt. Ltd.

TRAINING PROGRAM

S N	Name of the student	Course	Internship	Name of the company
01	Prakarti Joshi	Forensic Science	Provisional Training Selection	RJ Forsec Solution
02	Johnsy Dahiya	Forensic Science	Provisional Training Selection	RJ Forsec Solution
03	Neelam Shekhawat	Forensic Science	Provisional Training Selection	RJ Forsec Solution
04	Ashless Sinha	Forensic Science	Provisional Training Selection	RJ Forsec Solution
05	Sanjeev	Forensic Science	Provisional Training Selection	RJ Forsec Solution
06	Karan Priyadarsh	Forensic Science	Provisional Training Selection	RJ Forsec Solution
07	Shruti Soni	Forensic Science	Provisional Training Selection	RJ Forsec Solution
08	Sourabh Bisht	Forensic Science	Provisional Training Selection	RJ Forsec Solution
09	Ramsagar Yadav	Forensic Science	Provisional Training Selection	RJ Forsec Solution
10	Mridula Kapoor	Forensic Science	Provisional Training Selection	RJ Forsec Solution

HIGHER STUDIES

S N	Name of the student	Course	Internship	Name of the company
01	Deepika	Forensic Science	Higher studies	M.Sc. Forensic Science K.R. Mangalam University
02	Khushboo	Forensic Science	Higher studies	M.Sc. Forensic at Himachal University
03	Sumit Mandal	Forensic Science	Higher studies	M.Sc. Forensic at National Forensic Science University, Nagpur
04	Shruti Arya	Forensic Science	Higher studies	M.Sc.Homeland Security at National Forensic Science University, Gandhinagar
05	Ashless Sinha	Forensic Science	Higher studies	M.Sc. Forensic Science K.R. Mangalam University
06	Sanjeev Kumar	Forensic Science	Higher studies	M.Sc. Forensic Science K.R. Mangalam University
07	Prayankar Rudra Paul	Forensic Science	Higher studies	M.Sc. Forensic at National Forensic Science University, Tripura
08	Meghna Raghav	Forensic Science	Higher studies	M.Sc. Forensic Science K.R. Mangalam University
09	Bhumika Raikwat	Forensic Science	Higher studies	M.Sc. Forensic Science K.R. Mangalam University
10	Sakshi	Forensic Science	Higher studies	M.Sc. Forensic Science, Jamia Hamdard, Delhi
11	Alisha Kandari	Forensic Science	Higher studies	M.Sc. Forensic Science K.R. Mangalam University
12	Sinjoli Goel	Forensic Science	Higher studies	M.Sc. Forensic Science, Jamia Hamdard, Delhi

STUDENTS' CORNER

MY BRAIN IS ON A COFFEE BREAK

My brain took a vacation once,

Somewhere which was sunny,

And it left me with thoughts

Which were funny.

Now I am okay,

Feeling alright,

But seems I'll be anxious

For the whole night.

"Just breathe,"

They say; and so I try,

But now I am wondering,

"Why is blue the colour of the sky?"

Mindfulness?
Sure, I will give it a go,

But my brain is still on a vacation,

And I am here struggling alone.

O my brain, where are you?
Come, come back soon,

Exams are so close,

And my teachers and parents are after me.

End your short break,
And start your work with new vigour,

Till I am first in the class,

Then you are the best.

Name: Khushi

Course: B. Sc. (H) Forensic Science

ECHOES OF NOSTALGIA

Understanding goodbyes is never easy,
When surrounded by flickering lights and playful hearts.
My heart longed to live out the same experiences,
For in the end, one will always remember.

Four walls enclosing close to fifty,
Still the same forever will be;
But days at school without them
Never the same can be.

The dreaded classes which seemed endless,
To unexpected tests when only a few did their best,
Everyone, in unison, feared graduating—
That these days would soon come to an end.

The endless corridors and classrooms with a low murmur,
That I may never experience again so truthfully.
Every alley of the campus I pass by,
Invites the whiff of nostalgia forming in my eyes.

Not just scenes from the last day of school,
Which were unforgettable;
But I will savour every moment spent here forever,
And they will lead me ahead at all times.

Name: Khushi

Course: B. Sc. (H) Forensic Science

जीवनरू एक महासंग्राम

अभी तुम रुके हो, वहीं से शुरू करो।
गिरे हो तो उठकर एक बार फिर से प्रयास करो।
मानता हूँ, परेशानियाँ तुम्हें भी संभलने नहीं देतीं,
पर आगे बढ़ो। कुछ दूर और चलकर खुद की जिंदगी से रूबरू हो।
कहीं तो चलने-फिरने का सुख तुम्हें जीवन दिखा देगा,
फिर तुम सोचोगे कृ ष्कैसे मैंने इतना समय बर्बाद किया?"

जीवन के महासंग्राम में हो,
कभी पाने के लिए क्या खोया, लिखो।
अपनी वास्तविकता को सुधारकर
तुम आगे बढ़ने फिर से एक बार जरूर प्रयास करो।

उम्र तुम्हें थाम लेगी, पर
तुम खुद को संभाल लोगे।
तुम्हारे सपने, तुम्हारे सफलता के साथी बनेंगे।
और एक दिन तुम अपने सपनों के संग,
अलग ही दिशा लिख दोगे।

Name: Khushi

Course: B. Sc. (H) Forensic Science

GALLERY


School of Basic and Applied Sciences
HANDS-ON WORKSHOP


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