



Pharma Almanac

Pharmacy Bulletin



VOL. 2 ISSUE 1
JANUARY - JUNE
2025



AL SHIFA COLLEGE OF PHARMACY

(Approved by AICTE, PCI, DME, UGC 2(F) & Affiliated to Kerala University of Health Sciences)

Kizhattur, Perinthalmanna. Pin: 679 325



INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE

A Biannual Bulletin of
AL SHIFA COLLEGE OF PHARMACY

AL SHIFA COLLEGE OF PHARMACY
An ISO 9001:2008 Certified Institution

CONTENTS

1.	Message from the Managing Trustee	04
2.	A Message from the Desk of the Principal	04
3.	Editorial	04
4.	Scientific Insights.....	05
5.	Highlights	08
6.	Student Achievements	10
7.	Faculty Spotlight	15
8.	Activities & Events Organized by Al Shifa College of Pharmacy	19
9.	Alumni corner.....	29
10.	Industrial Visit	30
11.	Research Rendezvous: Publications.....	31

EDITORIAL BOARD

PATRON
Dr. P UNNEEN
Managing Trustee



Dr. DILIP C
Principal
DIRECTOR EDITORIAL BOARD

ADVISORY BOARD

Prof. JUNISE.V
Vice Principal
Student Affairs



Dr. ARUN RASHEED
Vice Principal
Academics



EDITOR IN CHIEF
Dr. BENCY BABY T
Associate Professor
Dept.of Pharmacognosy

EXECUTIVE EDITORS



Mrs. NIKHILA. T
Assoc. Prof. Dept. of Pharmacy Practice

Dr. PALLAVI. P
Asso. Prof. Dept. of Pharmacy Practice

Mrs. DANISHA. P
Asso. Prof. Dept. of Pharmacy Practice



Mrs. LAMEESA BANU. V P
Asst. Prof. Dept. of Pharmaceutics

Mrs. FATHIMA SAHALA. K
Asst. Prof. Dept. of Pharmaceutical Chemistry

Mrs. STEFFY MARY CHANDY
Assoc. Prof. Dept. of Pharmaceutical Chemistry

MESSAGE



Dr. P. Unneen
Managing Trustee
Al Shifa group of
Institutions

It gives me great pleasure to present the 3rd issue of the Pharma Almanac newsletter from Al Shifa College of Pharmacy. This edition reflects our unwavering

commitment to academic excellence, innovation, and community engagement. I am pleased to inform our readers that the editors have worked diligently to gather valuable information and present it in a most elegant and engaging manner. Alshifa has always been at the forefront of knowledge sharing, and this issue is yet another testament to that tradition. I am confident that educators, researchers, and professionals across the globe will find the contents both inspiring and informative. My heartfelt appreciation goes to the editorial team for their dedication and hard work in bringing this issue to life. Wishing all our readers an enjoyable and insightful reading experience.



Dr. Dilip .C
Principal
Al Shifa College of Pharmacy

It is my pleasure to share a message for the forthcoming issue of the Pharma Almanac newsletter.

The period from January to June at Alshifa was abuzz with activities. Numerous community outreach programmes and in-house workshops were successfully organised. Our faculty members took the lead in publishing research papers and presenting posters at various prestigious venues. This issue captures all these highlights, along with the remarkable achievements of both our students and faculty. I extend my heartfelt congratulations to the editorial team for showcasing the very best of Alshifa in this edition. I am confident it will make for an engaging and inspiring read for all.

EDITORIAL



Dr. Bency Baby T
Editor-in-Chief, Pharma Almanac

Dear Readers,

It is with immense pride and joy that I present Volume 2, Issue 1 of Pharma Almanac, our vibrant chronicle capturing the academic, co-curricular, and community spirit of Al Shifa College of Pharmacy from January to June 2025. This edition is more than a newsletter. It is a window into the dynamic tapestry of campus life.

Every page reflects the collective energy and dedication of our Al Shifa family. From pioneering

research and academic milestones to spirited cultural events and meaningful community outreach, the stories within celebrate the achievements, creativity, and resilience of our students, faculty, and alumni. We have documented a rich array of events, programs, accolades, and alumni engagements that have shaped the last six months. The remarkable accomplishments of our faculty and students, both inside and outside the classroom, are highlighted here. Student authored articles and creative works add a unique flavor, making this edition not just informative but also engaging and inspiring.

I sincerely thank the management and principal for their constant support, and the IQAC for providing the resources. I also appreciate the enthusiasm and cooperation of all departments, faculty, and Heads of Departments. Special thanks to the editorial team for their dedicated efforts in shaping this issue.

As you read, may you share the pride and promise that define Al Shifa College of Pharmacy.

Happy reading!

SCIENTIFIC INSIGHTS



Reshma Devasia



Shilpa Jayakumar



Aishwarya Lakshmi

IIInd semester M. Pharm (Pharmacognosy)

UNLOCKING NATURE'S PHARMACY: CRISPR/Cas9 AND PLANT BIOTECHNOLOGY FOR ENHANCED PHYTOCHEMICAL PRODUCTION

Introduction

Plants have long served as nature's silent chemists, synthesizing a rich diversity of phytochemical compounds essential to human health, medicine, and nutrition [1]. From turmeric's curcumin to the cancer-fighting taxol in yew trees, these natural molecules are powerful, yet difficult to synthesize artificially [2]. Fortunately, with the emergence of revolutionary tools like CRISPR/Cas9 and advances in plant biotechnology, we are entering an era where precision agriculture can dramatically enhance phytochemical production [3].

What are Phytochemicals?

Phytochemicals are biologically active secondary metabolites that plants synthesize through specialized biochemical pathways, primarily serving ecological functions such as:

- Defense against herbivores (alkaloids, cyanogenic glycosides)

- Protection from pathogens (phytoalexins, antimicrobial peptides)

- UV radiation shielding (flavonoids, anthocyanins) [4][5].

For human health, these compounds exhibit remarkable therapeutic potential:

- Antioxidant and anti-inflammatory effects (phenolic compounds)

- Anticancer activity (taxanes, vinca alkaloids)

- Neuroprotective properties (ginkgolides, bacosides) [6][7].

CRISPR-Cas 9: The Genetic Scalpel

The CRISPR/Cas9 system (Clustered Regularly Interspaced Short Palindromic Repeats and CRISPR-associated protein 9) is a groundbreaking gene-editing tool that allows scientists to make precise alterations to DNA. In the realm of plant biotechnology, CRISPR-Cas9 enables scientists to enhance or silence specific genes involved in phytochemical pathways leading to

significantly increased compound yields [9]. For example, by deactivating genes that inhibit phytochemical production or boosting those that promote it, researchers can now amplify the output of valuable compounds like resveratrol (from grapes), artemisinin (anti-malarial), or cannabinoids from cannabis. Because this process does not always involve inserting foreign DNA, it can be more acceptable to both regulatory agencies and consumers. [10-13]

Applications and Benefits

Increased Yield of Medicinal Compounds

Targeted gene editing has enabled the scalable production of high-value phytochemicals such as artemisinin, resveratrol, and curcumin [2,14].

Climate Resilience

CRISPR/Cas9 allows the enhancement of phytochemical stability under stress conditions such as drought, salinity, and high temperatures, ensuring consistent medicinal value [15].

Acceleration of Breeding Programs

Traditional plant breeding is time-consuming. CRISPR/Cas9 enables trait development in significantly shorter cycles, enhancing breeding efficiency [3].

Case Studies in Functional Enhancement G A B A -
Enriched Tomatoes: Japanese researchers used CRISPR/Cas9 to increase γ -aminobutyric acid levels, offering cardiovascular benefits [12].

Curcumin-Boosted Turmeric: Targeted activation of curcuminoid pathway genes in *Curcuma longa* has resulted in elevated curcumin production, enhancing its therapeutic potential against inflammation and oxidative stress [13].

Cannabis Optimization: Gene editing is being used to regulate the biosynthetic pathway in *Cannabis sativa* to achieve desired ratios of tetrahydrocannabinol (THC) and cannabidiol (CBD), improving therapeutic specificity for neurological disorders and chronic pain [9].

Ethical and Regulatory Considerations

The regulatory landscape for gene-edited crops remains

heterogeneous. While countries such as the USA and India exhibit openness toward CRISPR/Cas9 edited crops that do not involve transgenes, the European Union retains stricter guidelines [11]. Ethical issues include ensuring biodiversity protection, avoiding genetic monopolies, and safeguarding equitable access for smallholder farmers [14].

Conclusion

CRISPR/Cas9 has opened new frontiers in plant metabolic engineering, particularly for enhancing phytochemical production. By enabling precision edits in biosynthetic pathways, this technology offers sustainable solutions for meeting the rising global demand for plant-derived therapeutics. With appropriate regulatory support and ethical oversight, CRISPR/Cas9 based innovations may redefine the landscape of plant-based medicine and agriculture.

References

1. Gan WC, Ling APK. CRISPR/Cas9 in plant biotechnology: applications and challenges. *BioTechnologia*. 2022;103(1):81-93.
2. Shen Y, Zhang J, Geng H, Liu J, Li X. CRISPR/Cas genome editing for optimization of pharmacologically active plant natural products. *Curr Opin Biotechnol*. 2021;69:1-9.
3. Saini H, Devrani A, Synrem G, Priyanka. Application of CRISPR technology in plant improvement: an update review. *Advances in Agriculture*. 2025 Mar 19. doi:10.1155/aia/4578877
4. Liu D, Hu R, Palla KJ, Tuskan GA, Yang X. Advances and perspectives on the use of CRISPR/Cas9 systems in plant genomics research. *Curr Opin Plant Biol*. 2016;30:70-77.
5. Sahoo L, Mohapatra D, Swain S, Kanaka S, Sinha V. CRISPR Cas9 Technology and its Impact on Plant Biology. *J Plant Biota*. 2023;2(2):1-4.
6. Oksman-Caldentey KM, Inzé D. Plant cell factories in the post-genomic era: new ways to produce designer secondary metabolites. *Trends Plant Sci*. 2004;9(9):433-440.
7. Atanasov AG, Waltenberger B, Pferschy-Wenzig EM, et al. Discovery and resupply of pharmacologically active plant-derived natural products: A review. *Biotechnol Adv*. 2015;33(8):1582-1614.
8. Gao C. The future of CRISPR technologies in agriculture. *Nat Rev Mol Cell Biol*. 2018;19(5):275-276.
9. Schachtsiek J, Stehle F. CRISPR/Cas9-mediated genome editing of secondary metabolite biosynthetic genes in plants. *Plant Cell Rep*. 2019;38:447-457.
10. Wang Y, Cheng X, Shan Q, Zhang Y, Liu J, Gao C, Qiu JL. Simultaneous editing of three homoeoalleles in hexaploid bread wheat confers heritable resistance to powdery mildew. *Nat Biotechnol*. 2014;32(9):947-951.
11. Wolt JD, Wang K, Yang B. The regulatory status of genome-edited crops. *Plant Biotechnol J*. 2016;14(2):510-518.
12. Nonaka S, Arai C, Takayama M, Matsukura C, Ezura H. Efficient increase of GABA content in tomato fruits by targeted mutagenesis. *Sci Rep*. 2017;7:7057.
13. Rathore KS, Prasad R, Handa AK. CRISPR/Cas genome editing in tomato for improvement of nutritional quality and disease resistance. *Physiol Mol Biol Plants*. 2022;28(4):613-621.
14. Tripathi L, Ntui VO, Tripathi JN. Application of genetic modification and genome editing for developing climate-smart banana. *Food Energy Secur*. 2022;11(3):e359.
15. Khan M, Seto D, Subramaniam R, Desveaux D. Oh, the places you'll go! Inter-organellar protein targeting and communication in plant stress responses. *Plant J*. 2020;103(3):573-583.



FIDHA SAREENA PP
14th PHARM D

SUPERBUGS AND SUPERDRUGS: CAN PHARMACISTS WIN THE WAR AGAINST ANTIBIOTIC RESISTANCE?"

Introduction

Antibiotic resistance is no longer a distant threat; it's a global crisis unfolding before our eyes. Infections that were once easily treatable are becoming increasingly untreatable as "superbugs" outpace the development of new antibiotics. At the heart of this battle are pharmacist-trusted healthcare professionals uniquely positioned to shape how antibiotics are used, dispensed, and understood. Pharmacists are at the soldiers of this microbial war, uniquely positioned to promote responsible antibiotic use, educate patients, and support antimicrobial management programs. But can they truly turn the tide against resistance? In this we can discuss the battle

against antibiotic resistance and how pharmacy professionals can win against the war against the antibiotic resistance. The COVID-19 pandemic further exacerbated the problem, as antibiotics were often used indiscriminately, even for viral infections.[2]

The Superbugs and Superdrugs

Superbugs are strains of bacteria that have become resistant to multiple antibiotics. This resistance emerges from overuse, misuse, and poor regulation of antibiotic therapies in healthcare, agriculture, and even household products. A person cannot become resistant to antibiotics. Resistance is a property of the microbe, not a person or other organism infected by a microbe. [1] All types of microbes can develop drug resistance. Thus, there are antibiotic, antifungal, antiviral and anti-parasitic resistance [2][5]. Each year these drug-resistant bacteria infect more than 2 million people nationwide and kill at least 23,000, according to the U.S. Centers for Disease Control and Prevention (CDC). Misuse of antibiotics can lead to a loss of susceptibility of a specific pathogen to an antibiotic. In this current scenario, where there are limited

antibiotics in the pipeline, it is important that we preserve the available antibiotics through their rational use.[4]

What are the current concerns?

India has been reported to be the largest consumer of antibiotics in terms of absolute volume [4]. Two major reasons contributing to this high use are the high burden of infectious diseases in India and unregulated access to antibiotics in the community.

WHO report released April 2014 stated, this serious threat is no longer a prediction for the future, it is happening right now in every region of the world and has the potential to affect anyone, of any age, in any country. Antibiotic resistance when bacteria change so antibiotics no longer work in people who need them to treat infections is now a major threat to public health [6].

Each year, nearly 5 million deaths are associated with AMR globally [7]. In 2019, global deaths attributable to AMR numbered 1.27 million in 2019. That same year, AMR may have contributed to 5 million deaths and one in five people who died due to AMR were children under five years old[8].

The majority of the people in India continue to suffer due to limited access to health care. As a result of this, patients depend on unqualified practitioners for their healthcare needs. Even qualified practitioners are known to commonly prescribe unnecessary and irrational antibiotics. In addition to that, issues like inadequate access to clean water, sanitation and hygiene, and irrational use of antibiotics in farm animals as growth promoters further aggravate the issue of AMR in our country.[3] In this current scenario, where there are limited antibiotics in the pipeline, it is important that we preserve the available antibiotics through their rational use.

How can pharmacists contribute to improving antibiotic use in the community?

There are numerous ways in which we can actively contribute to improving antibiotic use. One of the most significant responsibilities we have is restricting the over-the-counter sale of antibiotics. Health workers and pharmacists can help tackle antibiotic resistance by: enhancing infection prevention and control; only prescribing and dispensing antibiotics when they are truly needed; prescribing and dispensing the right antibiotic(s) to treat the illness [6]. A unit dose system implemented in community pharmacies can also reduce antibiotic leftovers at households. Despite these, written guideline intervention for prescriber to do history taking and provision of advice and knowledge of pharmacists and non-pharmacists may not reduce the sales of non-prescription antimicrobial drugs in community pharmacies, drugstores, and other medicine outlets [9]. Patients sometimes attempt to reuse outdated prescriptions to repurchase antibiotics for similar symptoms, or they might bring prescriptions meant for another family member. Careful checks are necessary to prevent such misuse. Educating patients about the appropriate use of antibiotics is another vital role for pharmacists. Often, pharmacists limit themselves to providing basic instructions, such as whether the medication should be taken before or after food, the frequency of doses, and the duration of treatment.[3]

Pharmacist must explain why the antibiotic was prescribed, its name, and whether it should be avoided with certain foods or medications. Patients need to understand the importance of completing the prescribed course even if they start feeling better midway. It is also important that to stress that antibiotics should never be shared with others, even if their symptoms appear similar. As pharmacists whether operating in community or a hospital, their role extends far beyond dispensing medications. They are in a unique position to promote the rational use of antibiotics and improve patient outcomes. For their contributions to be fully effective, recognition from hospital management and government institutions is crucial. Such acknowledgment would not only foster better job opportunities for clinical pharmacists but also drive improved patient care outcomes in India.

Conclusion

As the threat of antibiotic resistance continues to grow, pharmacists have a responsibility to assist the war on antibiotic resistance. While the war against superbugs is far from over, pharmacists are essential allies in the fight. With continued education, innovation, and collaboration, they can help turn the tide and ensure that Superdrug remain effective for generations to come. It is recognized that the pharmacists play a major role in antibiotic resistance over worldwide.

References

1. Centers for Disease Control and Prevention. CDC: Get Smart: Know When Antibiotics Work [Internet]. Atlanta: CDC; 2018 May 29 [cited 2013 Jun 12]. Available from: <https://www.cdc.gov>
2. Tanwar J, Das S, Fatima Z, Hameed S. Multidrug resistance: an emerging crisis. *Interdiscip Perspect Infect Dis*. 2014;2014:541340. doi:10.1155/2014/541340.
3. Nivarana. Antimicrobial resistance in India. Pharmacists vs superbugs: exploring a remedy for antimicrobial resistance.
4. World Health Organization. Antimicrobial resistance in the South-East Asia Region: Review of progress 2019 [Internet]. New Delhi: WHO Regional Office for South-East Asia; 2020 [cited 2024 Oct 11]. Available from: <https://www.who.int/southeastasia/publications/i/item/9789290227645>.
5. Saha M, Sarkar A. Review on multiple facets of drug resistance: a rising challenge in the 21st century. *J Xenobiotics*. 2021 Dec;11(4):197214. doi:10.3390/jox11040013.
6. World Health Organization. WHO's first global report on antibiotic resistance reveals serious, worldwide threat to public health [Internet]. Geneva: WHO; [cited 2014 May 2]. Available from: <https://www.who.int>.
7. World Health Organization. Better use of vaccines could reduce antibiotic use by 2.5 billion doses annually, says WHO [Internet]. Geneva: WHO; 2024 Oct 10 [cited 2024 Oct 11]. Available from: <https://www.who.int>.
8. Murray CJ, Ikuta KS, Sharara F, Swetschinski L, Robles Aguilar G, Gray A, et al. Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. *Lancet*. 2022 Feb;399(10325):62955. doi:10.1016/S0140-6736(21)02724-0.
9. Thandar MM, Baba T, Matsuoka S, Ota E. Interventions to reduce non-prescription antimicrobial sales in community pharmacies. *Cochrane Database Syst Rev*. 2025 Jan 29;(1):CD013722. doi:10.1002/14651858.CD013722.pub2.

HIGHLIGHTS

AI Shifa Showcases TB Research at India Innovation Summit

Prof. Junise V, along with third-year Pharm D students Shamma and Nimna Meera Yousuf, represented AI Shifa College of Pharmacy at the India Innovation Summit: Pioneering Solutions to End TB held in New Delhi on March 18th, 2025, organized by ICMR and other national stakeholders. They presented their research on "Chitosan Nanoparticles-Based Dry Powder Inhalation for Tuberculosis", which received commendable feedback from experts and policymakers. The event provided an excellent platform for scientific exchange, and the final report was submitted to ICMR for further evaluation.



FACULTY DEVELOPMENT PROGRAM ON INNOVATIVE TEACHING



A Faculty Development Program titled "Let's Redefine Teaching & Classroom Dynamics" was conducted by Shifa Medicare Trust on 10th January 2025. Dr. Kamaludheen K T, Principal, AI Shifa College of Arts and Science, and Mr. Junise V, Vice Principal (Student Affairs), AI Shifa College of Arts and Science, served as the resource persons. Fifty faculty members from all the institutions under Shifa Medicare Trust actively participated in the engaging and insightful session.

INAUGURATION OF 21st D. PHARM BATCH



The inauguration ceremony of the 21st D Pharm batch was held on 6th January 2025, at the ACP Old Library. The event began with a warm welcome by Dr. Smitha Rani, Head of the D Pharm Department, followed by the Presidential Address by Dr. Dilip C, Principal, who emphasized the college's commitment to academic and professional excellence. Mr. P Hamza, Chief Executive of Shifa Medical Trust, delivered the Inaugural Address and officially launched the program, inspiring students with his vision for growth. Felicitations by Mr. Mohammed Faisal (Manager), Dr. Arun Rasheed (Vice Principal Academics), and Prof. Junise V. (Vice Principal Student Affairs) encouraged students to pursue their goals with dedication and passion.

PALLIATIVE PHARMACY ADD-ON COURSE: INAUGURATION OF 2ND BATCH AND CERTIFICATE DISTRIBUTION

The Department of Pharmacy Practice, AI Shifa College of Pharmacy, organized the inauguration of the 2nd batch of the Palliative Pharmacy Add-on Course on 12th March 2025. Certificates were awarded to the 1st batch students in recognition of their successful completion. Dr. Linu Mohan welcomed the gathering, followed by a presidential address by Dr. Dilip C, and felicitation by Mr. Kuteeri Manuappa, Dr. Arun Rasheed and Mr. Junise V. Dr. Pallavi P, delivered the vote of thanks. The event highlighted the growing relevance of palliative care and reinforced the institution's commitment to skill-based education in healthcare.



SMART INDIA HACKATHON HEROES: A MOMENT TO HONOUR INNOVATION AND ACHIEVEMENT



The SIH Experience Sharing Program was organized on 24th January 2025 to celebrate the participation and achievements of students and faculty in the SIH initiative. The event aimed to foster a spirit of collaboration and recognition within the Al Shifa College of Pharmacy community.

PRESCRIPTION ADALATH



A two-day Prescription Adalath Camp was held on 28th and 29th January 2025, at Government Hospital, Perinthalmanna. The initiative focused on auditing prescriptions and addressing public queries related to medications and treatments, aiming to enhance rational drug use and medication awareness. Dr Rouf, Medical superintendent of Dist.Govt hospital, Perinthalmanna, provided a detailed presidential address on the current problems with prescription.

FAREWELL PROGRAMME FOR 19TH BATCH D PHARM STUDENTS

The farewell programme for the 19th batch of D. Pharm students was held on 24th May 2025, at 3 PM in the Seminar Hall. Dr. Smitha Rani welcomed the gathering, followed by a presidential address by Dr. Dilip C, and felicitation by Dr. Arun Rasheed. Mrs. Abeesha Jumana delivered the vote of thanks. Students Muhammed Shibly and Muhsina shared their memories and gratitude. The event concluded with tea and snacks, offering a moment of reflection and farewell.



NATIONAL SERVICE SCHEME (NSS) 7 DAY SPECIAL CAMP (2127 April 2025.)

The NSS Unit of Al Shifa College of Pharmacy successfully organized a 7-day Saphthadina Special Camp titled PRAYAN 25 from 21st to 27th April 2025. The camp was conducted in the adopted villages of Melattur Grama Panchayath (Ward 7) and Kizhattur Grama Panchayath (Ward 4), in collaboration with Melattur Pain and Palliative Clinic. The camp aimed at community engagement, health promotion, and social awareness.



FAREWELL PROGRAMME FOR 19TH BATCH B. PHARM STUDENTS “THE FINAL CHAPTER”

The farewell programme for the 19th Batch B Pharm students, titled “The Final Chapter”, was conducted on 29th April 2025 at 1:00 PM in the Multipurpose Auditorium. The event was thoughtfully organized by the 20th Batch B Pharm students under the guidance of the Danisha P and Ms Raheena K A. The programme commenced with a warm welcome, followed by an inspiring address by the Principal, Dr. Dilip C, who appreciated the outgoing students for their academic and extracurricular contributions. He encouraged them to move forward confidently as ambassadors of the institution.



STUDENT ACHIEVEMENTS

CONGRATULATIONS

GREESHMA V P

19th B. Pharm, ACP

Presented a poster titled "Targeting RNA-Binding Proteins via CRISPR-Cas13d: A Novel Therapeutic Approach for Neurodegenerative Diseases" under the guidance of **Mr. Abdul Rasheed A R** and secured **Second Prize** at the DRDO-sponsored two-day International Conference on "Microbiome in Biodefense and Therapeutics (ICMBT) 2024-25," organized by the Department of Microbial Biotechnology, Bharathiar University, Coimbatore, held on February 19-20, 2025.

Under the guidance of
Mr. Abdul Rasheed A R
Associate Professor
Department of Pharmacology



Greeshma V. P, 19th B. Pharm student from Al Shifa College of Pharmacy, won Second Prize for her poster presentation on CRISPR-Cas 13rd targeting RNA-binding proteins at the DRDO-sponsored ICMBT conference, held at Bharathiar University on 19th and 20th February 2025, under the guidance of Mr. Abdul Rasheed A. R., Associate Professor, Department of Pharmacology.

CONGRATULATIONS

SHAHANA SHERY

19th B. Pharm, ACP

presented an oral presentation titled "Development and Evaluation of Chitosan Nanoparticles-Based Dry Powder Inhalations for Tuberculosis" under the guidance of **Prof. Junise V** and secured **Second Prize** at the DRDO-sponsored two-day International Conference on "Microbiome in Biodefense and Therapeutics (ICMBT) 2024-25," organized by the Department of Microbial Biotechnology, Bharathiar University, Coimbatore, held on February 19-20, 2025.

Under the guidance of
Prof. Junise V
Vice Principal
Al Shifa College of Pharmacy



Shahana Shery, 19th B. Pharm student, won Second Prize for her oral presentation on chitosan nanoparticle-based inhalations for tuberculosis at the DRDO-sponsored ICMBT conference held at Bharathiar University on 19th and 20th February 2025, under the guidance of Prof. Junise V.

CONGRATULATIONS

Sabika Jasmin.M

Third semester M Pharm
Department of Pharmaceutics

Secured **First Prize** in the E-Poster Competition held at Jamia Salafia College of Pharmacy.



Sabika Jasmin M, M. Pharm third-semester student, won First Prize in the E-Poster Competition at the National Conference on Pharma Research and Drug Discovery organized by Jamia Salafia College of Pharmacy on 19th February 2025.

CONGRATULATIONS

Ms. SIDRATH P

3rd Semester M Pharm
Department of Pharmaceutics

Secured **First Prize** in the E-Poster Presentation at the **Pharmaceutical Research Conclave 2025**, organized by the Association of Pharmaceutical Teachers of India (APTI), Kerala State Branch.



Ms. Sidrath P, 3rd Semester M. Pharm student, won First Prize in the E-Poster Presentation at the Pharmaceutical Research Conclave 2025, organized by the APTI Kerala State Branch. Her achievement highlights excellence in pharmaceutical research and innovation.

STUDENT ACHIEVEMENTS



Shahana Shery and Muhasida Farsana were shortlisted among the Top 5 finalists at the Scale-Up Conclave 2025 for their innovative idea, winning Rs. 10,000 cash prize at the event held on 16th February 2025 at the Shifa Convention Centre, Perinthalmanna.



Muhammed Salih. P K, 15th Batch M Pharm student from Al Shifa College of Pharmacy, secured 3rd Prize in the Oral Presentation at the International Symposium Pharma Excel-Bioclin-2k25 held at St. Joseph's College of Pharmacy, Cherthala. The event focused on Innovating Biopharmaceutics & Clinical Pharmacy.



Ms. Aswathy P. M, Third Semester M. Pharm student, secured Second Place in the E-Poster Competition at the International Symposium held on 22nd February 2025 at Sanjo College of Pharmacy, showcasing her excellence in pharmaceutical research and presentation.



Six students from Al Shifa College of Pharmacy have been placed in the Marketing Division at Alembic Pharmaceuticals. The achievement was facilitated by the college's Training & Placement Cell, UDYOGAH.

STUDENT ACHIEVEMENTS



The Shifa Medicare Trust awarded scholarships to Mr. Swalih (13th Batch) and Ms. Jafli (14th Batch) of Pharm D for securing above 80% in the University exams. Each received 50% of their tuition fee as a token of academic excellence. The cheques were presented by Dr. Dilip C, Prof. Junise V, and Dr. Arun Rasheed. The initiative encourages merit-based academic recognition.



Binsha C, 3rd-semester B Pharm student from Al Shifa College of Pharmacy, won a gold medal in the TWPAC 2nd Kerala State Amateur MMA Traditional Wrestling & Pankration Championship 2024-25, held on 27th April 2025, in the senior level under 55 kg weight category.

Stepping into the Pharma World Internship 2025

Organized by the Training and Placement Cell in collaboration with IPA



Sixteen B. Pharm students from Al Shifa College of Pharmacy commenced a one-month internship at Mylan, Micro Labs, and Sami-Sabinsa as part of the Orientation to Pharma Industry 2025 program. The initiative offers students valuable professional exposure and hands-on industry experience, enhancing their practical skills and understanding of pharmaceutical operations.



Teams from Al Shifa College of Pharmacy advanced to the District Finals of Young Innovators Programme (YIP) 7.0, organized by the Kerala Development and Innovation Strategic Council (K-DISC). Their achievement reflects the students' innovative spirit, teamwork, and commitment to creativity and excellence in problem-solving and research.

STUDENT ACHIEVEMENTS

AL SHIFA COLLEGE OF PHARMACY STUDENTS UNION COUNCIL (2025-26)



**ARFAK BIN ABDUL
GAFOOR K.T.**
(Chairperson)



RIYA
(Vice chairperson)



FATHIMA FARZANA
(Vice chairperson)



MUHAMMED SHAMIL
(General secretary)



DIYA ZALAN
(Joint secretary)



WAFI PANTHAR
(UUC ug rep)



MOHAMED SAMEER
(UUC pg rep)



MUHAMMED SHYJAL
(fine arts secretary)



NASIF NOUFAN
(Magazine editor)



AZIM ABDULLAH
(Secretary sports
& games)

The Al Shifa College of Pharmacy Students Union Council 2025-26, led by Chairperson Arfak Bin Abdul Gafoor K. T., comprises a team of dedicated student leaders. The council includes vice chairpersons, general and joint secretaries, University Union Council (UUC) representatives, magazine editor, and fine arts secretary, all committed to fostering student engagement and campus vibrancy.



Al Shifa College of Pharmacy honored Ms. Binsha, 3rd-semester B. Pharm Lateral entry student, with a scholarship for securing above 80% marks in her 2nd-year D.Pharm exam. She received a 50% tuition fee reduction cheque. The ceremony was attended by Principal Prof. Dr. Dilip C. and Vice Principal Prof. Junise V.

GPAT 2025 RANK HOLDERS



CONGRATULATIONS

Three students from Al Shifa College of Pharmacy have successfully qualified the GPAT 2025, showcasing their academic excellence and strong foundation in pharmaceutical sciences. Their remarkable achievement brings pride to the institution and serves as an inspiration for fellow students to aim high and pursue excellence in their careers.

CONGRATULATIONS



SHAHLA M K
19th BATCH B PHARM
Qualified Niper JEE with an AIR of
611

WITH MENTORED MINDS AND HEALING HANDS,
WE GROW TOGETHER TO MAKE A DIFFERENCE IN THE WORLD OF CARE.

Shahla M. K, from the 19th Batch B. Pharm, qualified the NIPER JEE, reflecting exceptional dedication, academic excellence, and a strong commitment to contributing meaningfully to the pharmaceutical and healthcare sectors.

12th BATCH PHARM D 3rd YEAR UNIVERSITY EXAMINATION

COLLEGE TOPPERS



Aysha Reeha Abdul Gafoor
73.27%
Fathima Farzana PB
73.27%



Safrin K.S
71.90%
A. Ashina
71.72%



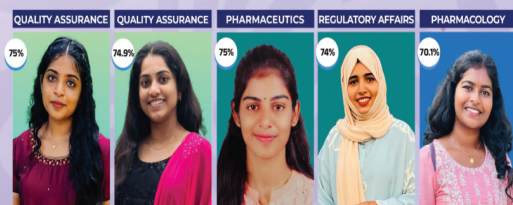
Congratulations

First Semester M Pharm University Examination

COLLEGE TOPPERS



Athila Nasiya N R Reshma Devasia Shilpa Jayakumar Aiswarya Lakshmi



Karthika K U Haritha Ramadas Hridhya. M Kadeeja. A V Rahna K

CONGRATULATIONS

19th Batch B Pharm 8th semester University Examination

COLLEGE TOPPERS



Archa R Raj
81.09%



Aswini Hanmanth Vatre
79.09%



Bagyasree K
78.90%



Shahana Shery
78.90%

CONGRATULATIONS

22nd BATCH B PHARM SECOND SEMESTER UNIVERSITY EXAMINATION

COLLEGE TOPPERS



75.17%

Safna K K



74.48%

Shijila P



74.2%

Shahana Jasmin T



74%

Princy K

CONGRATULATIONS

D PHARM PART I REGULAR EXAMINATION

COLLEGE TOPPERS

1

NIMISHA CK
85%



2

HAFSINA TK
78.9%



3

FATHIMA SHAMILA PT
78.4%



CONGRATULATIONS

FACULTY SPOTLIGHT



Dr. Dilip C., Principal of Al Shifa College of Pharmacy, attended the International Conference on Patient Safety and the 22nd Annual Conference of the Society of Pharmacovigilance, India, held at AIIMS Bhopal from 4th to 8th February 2025. Dr. Dilip also participated in a workshop on Materiovigilance and served as a judge for the research poster presentations.



Prof. Junise V, Vice Principal of Al Shifa College of Pharmacy, delivered an insightful session on “AI and Robotics in the Health Field” with a focus on pharmacy applications during the International Conference on Revolutionizing Higher Education: AI-Driven Policies, Practices, and Partnerships held at Al Shifa College of Arts and Science on 22nd January 2025.



Prof. Junise V served as a speaker in the National Level Five-Day Faculty Development Program titled "Transforming Pharmacy Education: An FDP on Cutting-Edge Strategies for Teaching, Innovation, Research, and Leadership," held at Erode College of Pharmacy on January 30th, 2025. The program was organized in association with the Association of Pharmaceutical Teachers of India (APTI), Tamil Nadu Branch.



Mr. Suhail P, Associate Professor, Department of Pharmacology, secured First Prize in Oral Presentation at the One-Day National Conference "Advancing Healthcare Frontiers: The Role and Significance of Pharma Research in Modern Drug Discovery" organized by Jamia Salafiya Pharmacy College on 10th February 2025.



Dr. Shebina P. Rasheed, Professor and Head of the Department of Pharmaceutical Analysis, served as a speaker in the E-Faculty Development Programme (E-FDP) organized by the School of Pharmaceutical Sciences, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Pallavaram, Chennai, Tamil Nadu, on 26th March 2025.



Dr. Saikeerthana P. C, Assistant Professor, Department of Pharmacy Practice, received First Prize in the paper presentation titled “Materiovigilance Global Challenges” at the International Conference



Mrs. Danisha P, Associate Professor, Department of Pharmacy Practice, Al Shifa College of Pharmacy, has received a copyright from the Government of India for her original clinical tool titled Prescription Quality Assessment Tool in Geriatrics (PQATG). The tool was developed under the guidance of Dr. Dilip C, Principal, and reflects a significant contribution to advancing geriatric pharmaceutical care and promoting rational prescribing practices.



Dr. Sanal Dev, Professor and Head of the Department of Pharmaceutical Chemistry, served as the resource person for a session on “In Silico Approaches in Drug Design” held at Nirmala College of Health Sciences, Chalakkudy, on 1st February 2025.



Dr. Bency Baby T, Associate Professor, Department of Pharmacognosy, and Mr. Suhail P. T, Associate Professor, Department of Pharmacology, won Second Prize for their oral presentation at the National Conference on “Artificial Intelligence in Drug Delivery and Design”, held at Amity University, Madhya Pradesh, on 15th April 2025.



Dr. Shebina P. Rasheed, Professor and Head of the Department of Pharmaceutical Analysis, participated in the International Conference for Women in Research held at University of Sharjah and Khorfakkan University, UAE, on 20th and 21st February 2025.



Prof. Junise V conducted a 3-hour training session titled EDU-TEACH: Inclusive Teaching for Effective Learning on 21st February 2025 at ACPMS Auditorium, Al Shifa College of Paramedical Sciences. Attended by 30 faculty members, the workshop introduced active learning strategies such as flipped classroom, problem-based learning, and peer teaching



Prof. Junise V, Vice Principal of Al Shifa College of Pharmacy and Zone Trainer, JCI, served as the keynote speaker and trainer at DISHA 25, the Student Nurses Association (SNA) North East Zone Leadership Camp held on 25th April 2025 at Aswini College of Nursing, Thrissur. The camp brought together 75 nursing students from 20 colleges across Palakkad and Thrissur districts. Through engaging, activity-based sessions, Prof. Junise delivered impactful training on leadership principles, communication, and professional development.



Dr. Dilip C., Principal of Al Shifa College of Pharmacy, served as the resource person for a session on "How to Publish an Article in a Peer-Reviewed Journal" held on 9th April 2025, at Al Shifa College of Paramedical Sciences. The session provided valuable insights into academic writing and the publication



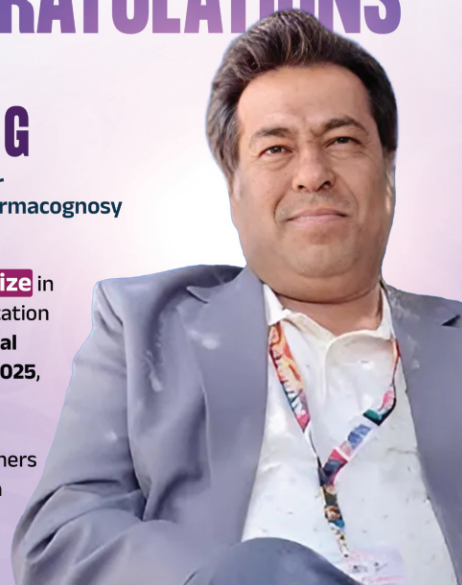
The National Pharmacy Education Day, Dr. Linu Mohan P as the speaker, was held as part of "Pharma Anweshan 25" at Moulana College of Pharmacy on 6th March 2025.

CONGRATULATIONS

Mr. RAMU G

Associate professor
Department of Pharmacognosy

Secured **Second Prize** in
the E-Poster Presentation
at the **Pharmaceutical
Research Conclave 2025**,
organized by the
Association of
Pharmaceutical Teachers
of India (APTI), Kerala
State Branch.



Mr. Ramu G, Associate Professor in the Department of Pharmacognosy at Al Shifa College of Pharmacy, has proudly secured Second Prize in the E-Poster Presentation at the Pharmaceutical Research Conclave 2025. The event was organized by the Association of Pharmaceutical Teachers of India (APTI), Kerala State Branch.



Prof. Junise V played a pivotal role in leading discussions on interactive teaching and assessment strategies during the three-day Faculty Development Program (FDP) held from 27th to 29th March 2025, at Nehru College of Pharmacy. The program was organized in collaboration with the Kerala University of Health Sciences (KUHS).



Mrs. Lameesa Banu V. P., Assistant Professor, Dept. of Pharmaceutics, and Ms. Sameeha Hassan, CEO & MD of Med Academy and Regulatory M. Pharm student, jointly conducted a focused session on GPAT preparation strategies. Key topics included effective study techniques, high-yield subject areas, and model questions. The session, attended by 5th and 8th-semester students, aimed to boost confidence and readiness for the upcoming exam.



Mrs. Danisha P, Associate Professor, and Dr. Pallavi P, Assistant Professor from the Department of Pharmacy Practice, served as resource persons for a pharmaceutical training program organized for Medics Biologics Pvt. Ltd. The session focused on enhancing the knowledge and skills of managerial-level professionals in pharmacotherapeutics and the clinical applications of selected molecules. It was held on 3rd February 2025, at the Gokulam Park Conference Room, Ernakulam.



Dr. Saikeerthana, Assistant Professor, and Dr. Pallavi, Associate Professor from the Department of Pharmacy Practice, served as resource persons for a session on Materiovigilance held at Al Shifa College of Paramedical Sciences on 17th June 2025.



Dr. Pallavi P, Assistant Professor, Department of Pharmacy Practice, won Second Prize in the poster presentation at a conference jointly organized by ISPAC and Manipal College of Pharmaceutical Sciences held on 9th February 2025. The conference, themed "Advancing HEOR and Patient-Specific Outcomes in the Asia Pacific Region," recognized her contribution to the evolving field of health economics and patient-centered care.

Activities & Events Organized by Al Shifa College of Pharmacy

Report on Completion of Training Program on Pharmacophore Modelling

A hands-on training program on molecular docking and pharmacophore mapping was conducted on 4th and 5th January 2025 at the CADD Lab for students from the College of Pharmaceutical Sciences, Medical College, Trivandrum. The sessions, led by Dr. Sanal Dev with support from Mrs. Raihan A. Abdu, provided valuable exposure to computational drug design tools and institutional facilities.



Report on Sairandhri - A Silent Escape

The Udyaan Club of Al Shifa College of Pharmacy organized a memorable trip to Silent Valley titled Sairandhri - A Silent Escape, on 5th January 2025 with 21 students from the 19th B. Pharm. and 13th Pharm. D batches participating. The well-coordinated event, led by Mrs. Raheena KA and Mrs. Swathi H, was supported by faculty and staff, ensuring a smooth and enriching experience.



Medical Camp at Kizhattur

A medical camp was organized on 10th and 11th January 2025 during the temple festival to provide basic healthcare services and promote health awareness, with Pharm.D students of Al Shifa College of Pharmacy volunteering actively. They conducted free blood pressure checks, offered guidance on follow-up care, and received appreciation for their empathetic and professional approach, positively impacting over a hundred participants from the community.



Community Activity (Pain & Palliative)

On 15th January 2025, 21st D.Pharm students participated in a community outreach activity to support the Palliative Care Unit at Melatur, guided by Prof. Junise V, Dr. Greeshma Paul, and Dr. Sradha. Through active engagement across multiple locations, the students raised awareness and gathered significant support, reflecting their compassion and commitment to community healthcare.



Machine Mastery-For Faculties: Enhancing Teaching and Learning

The Department of Pharmaceutics organized the Machine Mastery workshop on 25th January 2025 for faculty members and M. Pharm Pharmaceutics students, aiming to enhance their skills in machine-based technologies. Mr. Ajith Chandran, Associate Professor, led a detailed technical session covering machine integration in teaching, learning, and research, along with hands-on training in operation and maintenance.



76th Republic Day Celebration

Al Shifa College of Pharmacy, Kizhattur, Malappuram celebrated the 76th Republic Day on 26th January 2025 with great enthusiasm and patriotism. The event featured the flag hoisting by Dr. Prasanth S S, inspiring speeches by Mr. Sasikumar and Mr. Padmaraj C P, and concluded with the National Anthem, followed by the distribution of sweets and payasam to all attendees.



GPAT Made Easy

The GPAT MADE EASY training session was conducted on 28th January 2025 in the auditorium for 5th and 8th-semester students, organized by Criteria 5 in association with the Department of Pharmaceutics. Featuring expert guidance from Mrs. Lameesa Banu V P and Sameeha Hassan, the session offered practical tips and strategies for GPAT preparation, and concluded with certificates of appreciation presented by Principal Dr. Dilip C.



Ignite Innovation with Tarang

The SIH Experience Sharing Session by Team TARANG from Al Shifa College of Pharmacy was held on 28th January 2025 at Al Shifa College of Arts and Science, organized by the IEDC. The two-hour session inspired students to embrace innovation and step beyond their comfort zones, while highlighting the values of mentorship, collaboration, and creativity central to the Smart India Hackathon journey.

Ignite Innovation with Team Tarang: IEDC Wing of Al Shifa College of Pharmacy



Hana Nasreen



Fathima Rana



Fathima Hilba



Ameena
Mohiudheen



Fathimath Zahra



Fathimath
Muhsina

28 January '25
10:00 AM
Seminar Hall

A Different League!

Battling Blues (Journal Club)

The Journal Club presentation titled "Battling Blue" was held on 31st January 2025 at the Seminar Hall, with Ms. Raheena K.A. as the resource person. She delivered an informative session on the sources, effects, and mitigation strategies for blue light exposure, followed by an engaging discussion among participants.



The RA/QA Journey: An Interactive Exploration

The "RA/QA Journey: An Interactive Exploration" program was held on 1st February 2025 for M. Pharm. Regulatory Affairs and Quality Assurance students in webinar mode at the College Seminar Hall. Featuring alumni Mr. Mohammed Nizam and Mr. Mohammed Rahil, the session offered valuable insights and career guidance, and was inaugurated by Principal Prof. (Dr.) Dilip C, who highlighted the significance of RA/QA in the pharmaceutical industry.



World Cancer Day Awareness

On 4th February 2025, World Cancer Day 2025, Perinthalmanna Palliative Centre organized a Cancer Awareness Program focused on prevention, early detection, and palliative care. Inaugurated by Dr. Mohammed Rauf and graced by chief guest Mr. Anwar Kannilieri, the event featured insightful talks and personal experiences, uniting attendees under the theme "United by Unique Hope, Fight, and Cure."



World Cancer Day Observation and Exhibition

The World Cancer Day Exhibition 2025 was successfully organized on 4th February 2025 by the Department of Pharmacy Practice, with active participation from M.Pharm. first-semester students to promote awareness on cancer prevention, early detection, and treatment advancements. The event was inaugurated by Dr. P. Unneen, Managing Trustee of Al Shifa College of Pharmacy, in the presence of COO Mr. Priyan, Senior Oncologist Dr. Favas Ali, and other dignitaries, emphasizing the vital role of pharmaceutical education in cancer care.



AI & Robotics: Transforming Pharmacy & Healthcare

The Department of Pharmaceutics organized a seminar on "AI & Robotics: Transforming Pharmacy and Healthcare" on 6th February 2025 for First Semester M. Pharm students. Keynote speaker Prof. Junise V delivered an insightful session on emerging technologies, followed by an engaging and interactive discussion with participants.



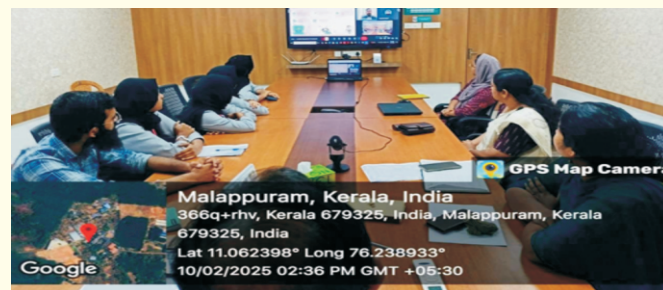
Break the Silence, End the stigma Awareness on Health and Menstrual Hygiene life skill

ACP Women's Forum conducted an impactful awareness session titled "Break the Silence, End the Stigma: Awareness on Health and Menstrual Hygiene" on 10th February 2025, at the college auditorium. Led by Mrs. Danisha P, the session fostered open dialogue on menstrual health, encouraged student participation, and emphasized the importance of hygiene and education in breaking stigma, with support from hostel wardens and faculty members.



Webinar on Global Trends of Regulations and Regulatory Affairs for Cosmetics

The Department of Pharmaceutics organized a webinar on "Global Trends of Regulations and Regulatory Affairs for Cosmetics" on 10th February 2025, offering valuable insights into the evolving cosmetic regulatory landscape. Mr. A. Dhavaraj delivered the keynote session, followed by a Vote of Thanks from Mrs. Asna Fathima, marking a successful and informative event.



Grant Game: Strategies for Winning Fund

The Research Management Committee and NAAC Criteria 3 organized a session titled "Grant Game: Strategies for Winning Fund" on 15th February 2025, from 10:00 AM to 1:00 PM. Dr. Kumaravel Sundaramoorthy led an insightful session on grant proposal writing and funding strategies, following inaugural remarks by college leadership and attended by faculty and M. Pharm students of ACP.



Memorandum of Understanding (MOU) Between Royal Dental College, Chalissery, Palakkad and Al Shifa College of Pharmacy, Kizhattur

On 22nd February 2025, Al Shifa College of Pharmacy signed a Memorandum of Understanding (MoU) with Royal Dental College, Chalissery, to promote academic collaboration, research, and skill development. As part of the initiative, 20 students from Royal Dental College visited Al Shifa College of Pharmacy for a hands-on session on tablet punching machines, conducted by Prof. Junise V, offering valuable exposure to pharmaceutical manufacturing techniques.



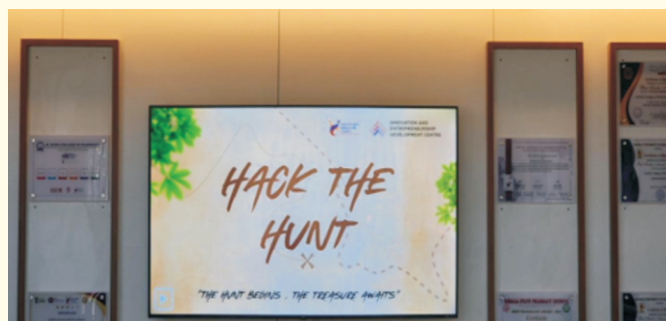
Cancer Awareness Program

The "Screen, Prevent, and Protect Cancer Awareness Movement" was held on 25th February 2025, at the District Government Hospital, Perinthalmanna, to promote cancer prevention, early detection, and treatment awareness. The event featured addresses by faculty from Al Shifa College of Pharmacy and hospital dignitaries, with an inaugural address by Dr. Rauf A.K. and felicitation by key healthcare professionals, marking a collaborative effort in advancing public health education.



Hack The Hunt

The "Hack The Hunt" event, organized on 24th February 2025 by the Innovation and Entrepreneurship Development Centre (IEDC) and Institution's Innovation Council (IIC) at Al Shifa College of Pharmacy, offered a thrilling treasure hunt experience designed to enhance problem-solving, teamwork, and innovation. With enthusiastic participation across disciplines, students tackled strategic challenges and riddles in a competitive yet enjoyable atmosphere, culminating in a rewarding test of creativity and perseverance.



#SheVotes Campaign

As part of the #SheVote campaign, the Innovation and Entrepreneurship Development Cell (IEDC) organized a free voter enrolment drive on 7th March 2025, at the APJ Block Atrium to promote civic engagement among students. Coordinated by IEDC leads Shamshad Ali, Muhammed Shamil, and Wafa (5th semester), the drive aimed to simplify the registration process, particularly for first-time voters, and foster greater electoral awareness and participation.



Campus Placement Drive

The Campus Placement Drive for Apollo Pharmacy was held on 6th March 2025 at Al Shifa College of Pharmacy, offering career opportunities for final-year B.Pharm and D.Pharm students as Pharmacists and Trainee Pharmacists. The event commenced with a welcome address by Mr. Ajith Chandran and an inaugural speech by Principal Dr. Dilip C, highlighting the importance of informed career decisions and professional growth.



International Women's Day March 2025

The Innovation and Entrepreneurship Development Center (IEDC), in collaboration with the ACP Women's Forum, organized a quiz, slogan writing, and debate competition on 4th and 5th March 2025, as part of the #SheVotes campaign. Held in the ACP Seminar Hall, the event highlighted women's empowerment and voting rights, with active student participation and insightful sessions led by quiz master Mr. Shefin and convenor Ms. Swathi, celebrating informed citizenship and democratic engagement.



MoU Signing with Ashtamgam Ayurveda Chikitsalayam & Vidyapeedham, Vavanoor

The Memorandum of Understanding (MOU) was signed on 12th March 2025 to foster cooperation and mutual understanding between Ashtamgam Ayurveda Chikitsalayam & Vidyapeedham, Vavanoor and Al Shifa College of Pharmacy, Kizhattur, Perinthalmanna.



Paravakalkku Praanajalam

The NSS unit of Al Shifa College of Pharmacy organized "Paravakalkku Praanajalam" on 18th March 2025, a compassionate initiative to provide water for birds during the summer. The program was inaugurated by Principal Prof. (Dr.) Dilip C., with a felicitation speech by Mr. Nahas Abdul Razaq, who praised the NSS team's commitment to environmental care.



"Life Is Beautiful" Anti-Drugs and Narcotic awareness Programme

On 3rd April 2025, 30 NSS volunteers from Al Shifa College of Pharmacy participated in the "Life is Beautiful" anti-drug awareness programme organized by the Government of Kerala and State NSS Cell at Kuttippuram, Malappuram. The event featured impactful activities like rallies, flash mobs, and a pledge ceremony, emphasizing a drug-free lifestyle and was inaugurated by NSS Regional Director Sri Y M Uppin, with support from key NSS officials



Poem Writing and Recitation Contest -Ink and Impact

On 10th April 2025, the Club of Letters at Al Shifa College of Pharmacy hosted a poem writing and recitation event titled "Ink and Impact" from 1:00 PM to 3:00 PM, celebrating student creativity and poetic expression. The event, graced by Principal Dr. Dilip C and organized with the support of faculty and student coordinators, witnessed enthusiastic participation and heartfelt verses that filled the hall with imagination and emotion.



Motivational Class: Beyond Limits "Break barriers, Build the best version of you."

On 23rd April 2025, a motivational session titled "Beyond Limits" was held at the Seminar Hall from 2:00 PM to 3:00 PM for the 21st Batch D Pharm. students under the Student Support and Guidance Programme (SSGP). Coordinated by Dr. Greeshma Paul and Dr. Sradha, the session featured Dr. Kamaludheen K T, Principal of Al Shifa College of Arts and Science, who delivered an inspiring talk on exam stress management, time management, self-confidence, and effective study strategies.



Campus Drive

On 5th May 2025, an online campus recruitment drive for the position of Medical Representative at Alembic Pharmaceuticals was conducted via Zoom, organized by the Training & Placement Cell of Al Shifa College of Pharmacy. Out of 11 participating B. Pharm 8th semester students, six were successfully selected: Sibil Ruvais E, Firoz C, Ramees N, Muhammed Anshif T, Mohammed Shameel T, and Mohammed Nidan C, with placements to follow as per the company's deployment policy.



Pain & Palliative Course Milestone

The first batch of the Pain and Palliative Add-on Course was successfully completed on 21st May 2025 at ACP, with consultancy cheques distributed to Pharmacy Practice faculty. Dr. Dilip C. presented a collar mic set purchased by the Department of Pharmacology using consultancy-generated funds, and the Principal encouraged faculty to expand consultancy and research initiatives for institutional growth.

Microteaching: A Miniature Teaching to Practice Teaching Skills

On 19th May 2025, the Journal Club at Al Shifa College of Pharmacy conducted a session titled "Microteaching: A Miniature Teaching to Practice Teaching Skills", led by Prof. Junise V. The session explored the microteaching style, the teach critique reteach model, and innovative strategies like overcoming "brain fog" and becoming a "purple cow" to enhance teaching effectiveness.



IEDC Membership Campaign

On 19th May 2025, the Innovation and Entrepreneurship Development Centre (IEDC) of Al Shifa College of Pharmacy conducted the IEDC Membership Campaign 2025 at the College Atrium, encouraging student engagement in innovation and entrepreneurship. With 79 new members registering via a QR-based system, the campaign saw enthusiastic participation and was extended till 23rd May due to overwhelming response, reflecting a rising entrepreneurial spirit among students.



Introduction to Online Market Places

On 20th May 2025, the Institution's Innovation Council (IIC) of Al Shifa College of Pharmacy organized a session titled "Introduction to Online Marketplaces", aimed at introducing students to e-commerce platforms like Amazon and Flipkart. With expert insights from Mr. Shabeer V and support from faculty, around 40 students from various programs gained practical knowledge on launching and managing online businesses, covering seller registration, product listing, logistics, and digital marketing.



IPR for Researchers; Protecting & Promoting Academic Innovations

On 23rd May 2025, the Institution's Innovation Council (IIC) of Al Shifa College of Pharmacy organized an expert session titled "IPR for Researchers: Protecting and Promoting Academic Innovation" from 10:00 AM to 12:00 PM. Delivered by Dr. Law Well Man P, Associate Professor at Government Law College, Kozhikode, the session provided key insights into Intellectual Property Rights, encouraging researchers to safeguard their innovations, and saw active participation from faculty and students.



19th Batch D. Pharm. Farewell & Exit Interview

On 24th May 2025, the Exit Interview and Farewell Programme for the 19th batch of D. Pharm students at Al Shifa College of Pharmacy were successfully held, marking their transition from students to alumni. Organized by the ACP Alumni Association and coordinated by faculty members, the events featured reflections, addresses, and heartfelt interactions, concluding with a tea session for students and staff.



Aksharam

The 23rd batch B. Pharm. and 15th Pharm. D students of Al Shifa College of Pharmacy, in association with the Youth Red Cross, organized "Aksharam", a school kit distribution programme for palliative care beneficiaries on 27th May 2025. Held in the presence of faculty, dignitaries, and guests from Palliative Care Melattur, the event saw the distribution of 66 kits containing school essentials, making it a heartwarming initiative that brought the community together for a noble cause.



Anti- Tobacco Day (Exhibition)

On 31st May 2025, the 12th Batch Pharm.D and 13th Batch Pharm.D (PB) students of Al Shifa College of Pharmacy organized a meaningful Anti-Tobacco Day programme at General Hospital, Perinthalmanna. The event featured an exhibition, interactive awareness sessions, and a public survey, effectively educating attendees on the dangers of tobacco use and promoting a healthier lifestyle.



World environment day celebration

On 5th June 2025, Udyaan Nature Club, in association with NSS, organized "Harithakam 2K25" to celebrate World Environment Day with enthusiastic participation from students, staff, and faculty. The event featured an inaugural address and sapling planting by Dr. Manoj K, along with insightful messages from faculty members, promoting environmental awareness and sustainable practices on campus.



Academics to Career Bridging Workshop

The workshop titled "Academics to Career Bridging", held on 12th June 2025, aimed to enlighten students about the wide range of career opportunities available in the pharmaceutical industry. Designed to align academic knowledge with industry demands, the session was led by Mr. Firoz Khan from Catch-Up Training Solutions and featured highly interactive, practical discussions.



Book Fact Sharing Challenge

On 26th June 2025, the Club of Letters organized the Book Fact Sharing Challenge at the Seminar Hall, where students enthusiastically shared impactful insights from their favorite books across various genres. The event, inaugurated by Ms. Aswathy C and graced by Prof. Junise V, highlighted the power of reading and was smoothly coordinated by Ms. Abeesha Jumana and Ms. Steffy Mary Chandy.



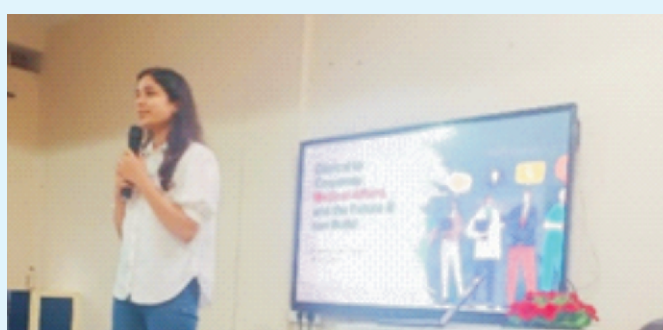
International Yoga Day Celebration 2025

On 21st June 2025, the NSS Unit of Al Shifa College of Pharmacy, in association with NAAC Criterion 5, celebrated International Yoga Day to promote physical and mental well-being among students and staff. The event was inaugurated by Principal Dr. Dilip C, following a welcome address by NSS Programme Officer Mr. Padmaraj C P, highlighting the importance of yoga for holistic health.



Invited Talk: "Clinical to Corporate: Medical Affairs and the Future it can Build"

On 25th June 2025, the Al Shifa College of Pharmacy Alumni Association (ACOPAA) organized an invited talk titled "Clinical to Corporate: Medical Affairs and the Future it can Build", delivered by Dr. Meghna Das Purakkat, an alumna and Medical Affairs professional at Eli Lilly, Bangalore. Attended by Pharm. D and M. Pharm. students, the session offered valuable insights into career opportunities in Medical Affairs and Medical Writing, and was well-received for its relevance and inspiration.



From Draft to Print: Guide to Submitting Journal Articles

On 30th June 2025, the Journal Club of Al Shifa College of Pharmacy organized a session titled "From Draft to Print: Guide to Submitting Journal Articles" at the Seminar Hall, featuring Mr. Suhail PT, Associate Professor of Pharmacology, as the resource person. The well-received program offered valuable guidance on the publication process, with future sessions planned to further support research and academic writing.



ALUMNI CORNER: ACOPAA ROOTS & WINGS

BOOK RELEASE BY AL SHIFA ALUMNA

The book "Souhridhngal Kadha Parayumbol", authored by a 7th Batch BPharm alumna, was officially released on January 24, 2025, at Al Shifa College of Pharmacy. The event was organized by the Al Shifa College of Pharmacy Alumni Association. Mr. Noushad, 7th Batch BPharm Alumna and Pharmacist at Neima Healthcare Center, UAE, released the book. The program celebrated the literary achievements of alumni and reinforced their lasting bond with the institution.



ALUMNI & IIC IGNITING INNOVATION

On 25th June 2025, the Alumni Association of Al Shifa College of Pharmacy extended a generous contribution of Rs. 20,000 to the Institution Innovation Council, fostering a spirit of innovation and creativity among students.



Webinar by Alumnus: A Roadmap to Top U.S. Universities

The Department of Pharmaceutical Chemistry, in collaboration with IIC and ACOPAA, organized an insightful webinar titled "How to Get Into Top U.S. Universities for PG & PhD" on 31st May 2025. The session featured alumnus Mr. Jamshad, currently a PhD scholar at the University of Kansas, USA, who shared practical guidance on university selection, applications, funding, and life abroad. With over 60 participants, the webinar offered valuable strategies for aspiring international scholars. The event was coordinated by Dr. Sanal Dev and inaugurated by Prof. Junise V, and concluded with an engaging Q&A that reflected strong student interest in global academic pathways.



ALUMNI & IIC IGNITING INNOVATION

The Alumni Association (ACOPAA) organized an invited talk titled "Clinical to Corporate: Medical Affairs and the Future it can Build" on June 25, 2025. Dr. Meghna Das Purakkat, 8th batch PharmD alumna and Medical Writer at Eli Lilly, Bangalore, shared her career journey and insights into Medical Affairs and corporate roles in pharma. The session was attended by PharmD and M. Pharm students.

The session begins with a welcome by Dr. Afnan K.V, ACOPAA coordinator followed by an Inaugural address by Dr. Dilip C, Principal, ACP, felicitation by Vice Principals Dr. Arun Rasheed, Mr. Junise V and Dr. Linu Mohan P, HOD, Dept. Of Pharmacy Practice. Dr. Pallavi P, ACOPAA Secretary concluded the event with a vote of thanks.



INDUSTRIAL VISIT

Exploring Nature's Pharmacy: A Visit to Malabar Botanical Garden

The 15th Batch of First Year Pharm D students from Al Shifa College of Pharmacy visited the Malabar Botanical Garden, Panthirankavu, Calicut, on 14th May 2025 as part of their academic curriculum.



7th Semester B. Pharm Students Visit Chethana Pharmaceuticals

As part of their academic curriculum, 7th semester B. Pharm students of Al Shifa College of Pharmacy visited Chethana Pharmaceuticals in Perinthalmanna, a well-known unit specializing in ophthalmic preparations. Conducted in two batches on 19th and 20th May 2025, the industrial visit provided hands-on exposure to pharmaceutical manufacturing processes for 100 students.



D. Pharm 2nd Year Students' Visit to Al Shifa Hospital, Perinthalmanna on 20th and 21st March 2025 highlights the student's exposure to real-world hospital and community Pharmacy operations.

Industrial Insight: 13th Pharm D Batch Visits Chethana Pharmaceuticals

As part of their academic curriculum, the 13th batch Pharm D (3rd year) students of Al Shifa College of Pharmacy visited Chethana Pharmaceuticals on 20th May 2025 to gain practical exposure to pharmaceutical manufacturing and industrial operations. Accompanied by Prof. Junise V and Mrs. Nikhila T, students observed key processes such as quality control, packaging, documentation, and learned about GMP, regulatory compliance, safety protocols, and the pharmacist's role in industry.



Bridging Theory and Practice: RA/QA M. Pharm Students Explore GMP at Chethana

As part of their academic curriculum, 1st year M. Pharm Regulatory Affairs and Quality Assurance students visited Chethana Pharmaceuticals, Perinthalmanna, on 23rd June 2025 for practical exposure under the guidance of Dr. Shebina P Rasheed, Prof. Junise V, and Ms. Raheena K A. The visit provided valuable insights into pharmaceutical manufacturing, quality systems, regulatory compliance, and Good Manufacturing Practices (GMP).



On 17th February 2025, M. Pharm students of Al Shifa College of Pharmacy visited the SAMI-SABINS Research & Development Laboratory, Bangalore

RESEARCH RENDEZVOUS: PUBLICATIONS

Research Publications (Jan-June 2025)

1. Aleena Basheer, Shebina P Rasheed. Evaluation of the anti-oxidant and anti-obesity effects of ethanolic extract of *Ficus auriculata* Lour. fruit. *J Res Pharm*. 2025 Mar;29(1):287-94. doi:10.12991/jrespharm.1643777.
2. Danisha P, Shirin S, Basheer S, Kasim VA. Adherence and impact of medication regimen complexity among geriatric patients: A review. *Indian J Pharm Pract*. 2025 Jan;18(1):28-34. doi:10.5530/ijopp.20250125.
3. Hari S, Danisha P, Dilip C, Rashid P. Vaccine hesitancy in Malappuram District, Kerala: A public health concern. *Int J Pharm Sci Nanotechnol*. 2025;18(2):8033-4.
4. Danisha P, Dilip C. Optimizing geriatric prescriptions: Development, validation, and pilot testing of novel quality assessment tool. *J Pharmacol Pharmacother*. 2025. [In press]
5. Komban S, Dilip C, Vivekanandan K, Kottilavalappil H, Manazhy K, Sreekumar S. Materiovigilance: An emerging area for exploration in pharmaceutical education - A comparative appraisal of knowledge, attitudes and practices among pharmacists and healthcare professionals. *Indian J Pharm Educ*. 2025. [In press]
6. Thazhath AT, Kakkanattu R, Valatheyl MR, Joju A, Dilip C, Kalathil V. Comparison of incidence of respiratory tract infection in paediatric population aged 1 month to 13 years during pre- and post-COVID infection in a tertiary care hospital: A retro-prospective observational study. *J Pharmacol Pharmacother*. 2025. [In press]
7. Nikhila T, Chalson EK, Muneer NA, Sagi S, Kadankandi M, Manoj DE. Appraising the impact of post-stroke practice and care guideline implementation: A cohort study. *Afr J Biomed Res*. 2025;28(1).
8. Suhail P, Venkatachalam VV, Balasubramanian T, Murali R, Renganathan ABL. Evaluation of anticancer activity of *Annona muricata* leaf targeting FGFR3 and EGFR receptors against bladder and lung cancer. *J Appl Pharm Sci*. 2025;15(4):95-101. doi:10.7324/JAPS.2025.224656.
9. Abidfaheem T, Joy J, Rahaman ARA, et al. Pharmacological activities of polyherbal formulations of *Saraca asoca* and its substitute plants: A comparative evaluation study. *J Pharmacol Pharmacother*.

2025;16(3):283-90. doi:10.1177/0976500X241309438.

10. Suhail P, Kamaludheen KT, Nidhil PK, Joy J. A study on the impact of artificial intelligence on social media marketing. *Int J Multidiscip Res*. 2025;7(1).
11. Bency Baby T, Murali R, Suriyaprakash TNK, Venkatachalam VV, Anbiah SV, Srinivasan N, Suhail PT. Interrogating the antiobesity efficacy of *Flacourtia inermis* Roxb. fruits in high-fat diet-induced obese rats. *J Pharmacol Pharmacother*. 2025;16(1):46-57.
12. Suhail P, Venkatachalam VV, Dev S, Murali R, Renganathan ABL. Quinic acid from *Annona muricata* fruit inhibits cyclophosphamide metabolism through modulation of cytochrome P450: Implications for herbal-drug interaction. *Res J Pharm Technol*. 2025. [Q2; SJR 0.28]
13. Sadishkumar S, Prathiba R, Mohith SN, Abilash S, Kumar VS. In vivo, in vitro and in silico aphrodisiac activity of the hydroalcoholic fruit extract of *Fragaria ananassa* in male Wistar rats for the treatment of erectile dysfunction induced by metronidazole. *Adv Pharmacol Pharm*. 2025;13(3):438-47. doi:10.13189/app.2025.130314.
14. Cholamugath S, Jasmine SPT, Nasrin LK, Shahnas VK. Smoking cessation interventions for patients with chronic obstructive pulmonary disease: A prospective study. *J Med Pharm Allied Sci*. 2025;14(3):1-8. doi:10.55522/jmpas.V14I3.6761.
15. Dilip C, Mohan LP, Manju R, Mathews SM. Association between anticholinergic burden and functional outcomes in older adults: A prospective observational study. *J Pharm Ther Clin Pract*. 2025;32(4):948-60.

Book Chapter

1. Junise V. Revolutionizing the pharmaceutical field with AI & robotics. In: *Revolutionizing Higher Education: AI-Driven Policies, Practices, and Partnerships*. New Delhi: Rudra Publishers and Distributors; 2025. ISBN: 978-93-48421-88-3.
2. Vrishti Thakur, Sangeeta Dwivedi, Steffy Mary Chandy, Renuka Maru, Kamal Shah, Nagendra Singh Chauhan, Rakhi Khabiya, Saurabh Maru. Natural scaffolds for prevention and treatment of neurodegenerative disorders. In: *Phytochemicals for the treatment of CNS disorders*. New York: Routledge, Taylor & Francis Group; 2025. p. 235-267. ISBN: 9781032516431



Sri Venkateswara College of Pharmacy, Chittoor, and Al Shifa College of Pharmacy, Perinthalmanna, signed an MoU on June 2, 2025, to foster academic collaboration and research innovation



QUEST
INTERNATIONAL
UNIVERSITY



OUR PG COURSES

- | | |
|---|---|
|  Pharmacy Practice |  Pharmacology |
|  Pharmaceutics |  Pharmacognosy |
|  Pharmaceutical Chemistry |  Quality Assurance |
|  Pharmaceutical Analysis |  Regulatory Affairs |



AL SHIFA COLLEGE OF PHARMACY

(Approved by AICTE, PCI, DME, UGC 2(F) & Affiliated to Kerala University of Health Sciences)
Kizhattur, Perinthalmanna. Pin: 679 325



INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE



From
The Editorial Board
Pharma Almanac
Al Shifa College of Pharmacy,
Poonthavanam P.O, Perinthalmanna
Malappuram, Kerala - 679325

BOOK POST

Contact & Feedback to:

Dr. Dilip. C, Principal, Al Shifa College of Pharmacy, Poonthavanam P.O., Perinthalmanna - 679325

✉ principal@alshifacollegeofpharmacy.ac.in