



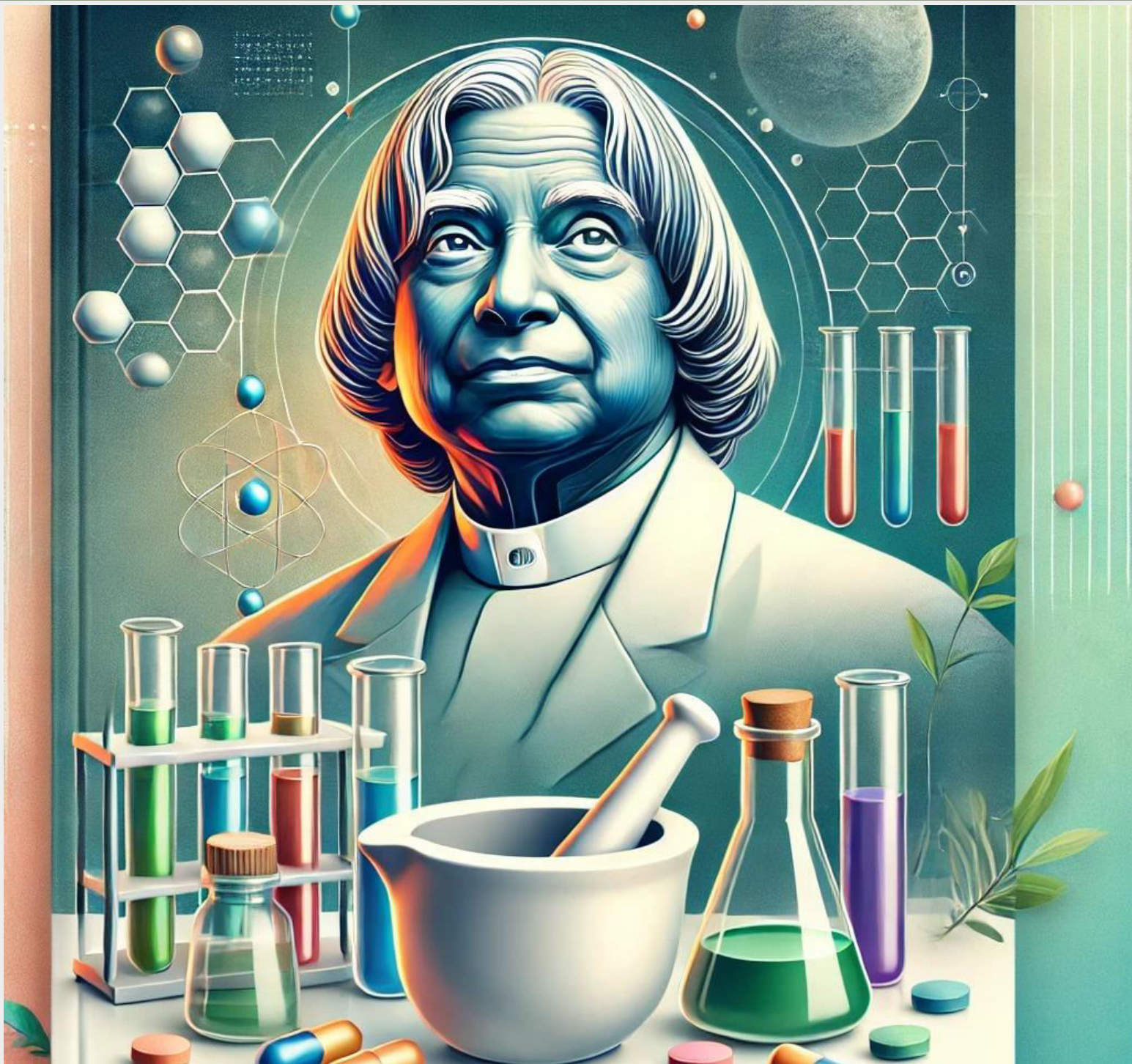
Dr. KALAM COLLEGE OF PHARMACY

(Approved by PCI New Delhi & Affiliated to the Dr.MGR Medical University Chennai)



Dr.கலாம் கல்லூரி சிறகுகள்

NOV-2023 TO DEC -2024





CHAIRMAN'S MESSAGE

Dear Esteemed Faculty, Staff, Students, and Readers, It is with great pleasure and pride that I extend my warmest greetings to you through the second edition of “**Dr. Kalam Kalluri Siragugal**”, our college magazine. As the Chairman of this esteemed institution, it is truly gratifying to witness the culmination of collective talent, creativity, and intellectual prowess that is encapsulated within these pages.

This publication serves as a canvas upon which the rich diversity of ideas, perspectives, and talents that define us is vividly portrayed. From thought-provoking articles and insightful essays to captivating artwork and poetry, Kalluri siragugal reflects the kaleidoscope of brilliance that resides within our academic family.

I extend my heartfelt appreciation to the editorial team, whose dedication and tireless efforts have brought this magazine to fruition. Your commitment to excellence is evident in every carefully curated page, and I commend you for your outstanding work. To the contributors—our students—your passion, creativity, and intellectual curiosity are the driving forces behind Kalluri siragugal. It is a showcase of your unique voices and a celebration of the incredible talent that thrives within our institution.

As we peruse the pages of Kalluri siragugal, let us not only appreciate the individual contributions but also recognize the collective spirit that binds us together as a community of learners, thinkers, and creators. Our college is not merely a place of education; it is a vibrant ecosystem that nurtures ideas, fosters innovation, and cultivates a sense of belonging.

On behalf of the college administration, I express my sincere congratulations to everyone involved in the creation of Kalluri siragugal. Your work has not only produced a remarkable publication but has also contributed to the rich legacy of our institution. I eagerly anticipate the future editions of Kalluri siragugal, each one a chapter in the ongoing narrative of our academic excellence.

Thank you for your dedication, passion, and commitment to making our college a hub of intellectual vibrancy.

Best wishes for an engaging and enlightening reading experience.

Mr. J. Jayaseelan, B.Pharm, MBA.,

Chairman- IDMA, President, Tamil Nadu Pharmacy Council of India

Managing Director- Sai Mirra Innopharm, Hibrow Health Care

Chairman- Dr.Kalam Group of Institutions, Avanam.

MESSAGE OF COMPLIMENT



I am immensely pleased to hear Dr.KalamCollege of Pharmacy has come up with second issue of the college magazine “Dr.Kalam Kalluri Siragugal”. I appreciate the entire team for bringing up and executing the idea of college magazine which will exemplify artistic talents of the institution. The compilation of insightful articles, captivating artwork, and thought-provoking narratives is a testament to the incredible talent that thrives within the college community.

Kalluri Siragugal serves as a captivating showcase of the diverse interests and passions that define student body. From the engaging prose that transports us to different worlds to the visually stunning artwork that captures the essence of our experiences, each page is a celebration of the unique perspectives that make Dr. Kalam college of Pharmacy a truly enriching environment.

The dedication and hard work of the editorial team, writers, artists, and contributors shine through, reflecting a commitment to excellence and a genuine love for the craft. The magazine not only captures the pulse of our academic journey but also serves as a timeless keepsake, preserving the memories and milestones of our college life.

Congratulations to everyone involved in bringing this masterpiece to life. Your collective efforts have transformed mere pages into a canvas that vividly portrays the spirit, creativity, and intellect that define Dr Kalam College of Pharmacy.

Here's to the power of words, the beauty of art, and the unyielding spirit of our college community. May this magazine continue to inspire, entertain, and serve as a cherished memento for years to come.

Mr. S V Veeramani, B.Sc, MBA.,
Chairman and Managing Director
Fourrts India Ltd, Chennai
Chairman- Pharmexcil
Board of Trustees- Dr. Kalam Group of Institutions, Avanam

PATRON'S ACCLAIM



Heartfelt appreciation to the editorial team for their commitment to quality and innovation. The magazine Dr. Kalam Kalluri Siragugal is not just a publication; it's a testament to the brilliance and dynamism of our student body.

**Prof. K. Chinnasamy, President,
Indian Association of Colleges of Pharmacy**



Dr. Kalam Kalluri Siragugal is a true reflection of Dr. Kalam College's vibrant campus culture and intellectual prowess. I'm always impressed by the diverse perspectives and talents showcased within its pages.

**Dr. Meenatchi Sundaram,
Principal, GRT College of Pharmacy, Thiruttani**



Bravo to the writers and editors for crafting Dr. Kalam Kalluri Siragugal magazine that not only informs but also entertains. Your ability to capture the essence of College experience is truly commendable.

**Prof. Dr. B. Jayakar,
Director (Clinical Trials), Vinayaka Mission's Research
Foundation, Salem**



The college magazine has become a cherished tradition, offering a platform for the incredible talents and achievements of the students. Thank you for preserving and celebrating our unique academic community.

**Dr. V. Ravichandiran
Vice Chancellor, Delhi Pharmaceutical Sciences and
Research University, New Delhi**

PATRON'S ACCLAIM



I am delighted to extend my sincerest acclaim and admiration for the remarkable achievements showcased in this edition of esteemed college magazine “Dr. Kalam Kalluri Siragugal” from Dr. Kalam College of Pharmacy. The breadth and depth of the contributions from students, faculty, and staff reflect a commitment to fostering an environment.

Dr. A. V. Muruganandam,
Director, Sakti Naturals Pvt. Ltd., Villianur



The College magazine stands as a testament to the vibrant tapestry of intellect and creativity that defines our academic community. Its pages weave together the diverse threads of student achievements, scholarly pursuits, and artistic endeavours, creating a captivating narrative of our collective journey. Thank you and congratulations on the commendable work.

Dr. S. Balasubramanian
Director, JSS University Mysuru



In a world of constant change, the college magazine remains a steadfast anchor, showcasing the rich tapestry of academic and extracurricular achievements. A big thank you to the entire team for keeping us connected and inspired!

Dr. Manivannan, M.Pharm., Ph.D.,
President- IPA TNSA & Former Joint Drug Controller (I),
CDSCO.

EDITOR'S MESSAGE

Dear Readers,

It is with great pleasure and excitement that we present to you the second edition of “Dr. Kalam Kalluri siragugal”, our college’s very own literary and artistic endeavour. The creation of this magazine has been a labor of love, bringing together the diverse talents and passions of our student body.

“Dr. Kalam Kalluri siragugal”, the title coined by our beloved Chairman, was idealised from Dr. Kalam’s autobiography Agni siragugal. Kalluri siragugal embodies “Wings of College” which emphasises artistic endeavours of our students. In these pages, you will find a tapestry of voices, ideas, and creativity that reflect the dynamic spirit of our college community. From insightful articles and thought-provoking essays to vibrant artwork and captivating poetry, Kalluri Siragugal aims to be a melting pot of intellectual curiosity and artistic exploration.

This magazine is not just a collection of words and images; it is a testament to the collective intelligence and creativity that thrives within our campus walls. Through Kalluri Siragugal, we invite you to embark on a journey of exploration and discovery, to engage with the ideas and perspectives of your fellow students.

We extend our gratitude to our Chairman and Management representative who poured their hearts and minds into this project. Your passion is the driving force behind Kalluri Siragugal, and we are proud to showcase the incredible talent that resides within our college.

As you flip through these pages, we hope you find inspiration, joy, and a deeper connection to the vibrant community that surrounds you. Kalluri Siragugal is not just a magazine; it is a celebration of the richness of our academic and creative community.

We look forward to many more issues that will continue to capture the essence of our college's spirit.

Happy reading!

EDITORIAL COMMITTEE

FACULTY EDITORS



Dr. S. Vijayaraj, M.Pharm., Ph.D.,

Professor & Head

Dept. of Pharmaceutical Chemistry & Analysis.



Dr. B. Parimaladevi., M.Pharm., Ph.D.,

Vice Principal & Professor,

Dept. of Pharmacognosy.

STUDENT EDITORS



M. SYED ABDUL RAHMAN

B. PHARM -2020 Batch



G. NALINI

B. PHARM – 2020Batch



B. VINOETHA

B. PHARM – 2020Batch



T. SUBASRI

B. PHARM – 2020Batch

PRINCIPAL MESSAGE



It is a matter of great pride and satisfaction that the students of E-Magazine committee of 2020 batch of Dr. Kalam College of Pharmacy, to bring out their college Magazine "Dr. Kalam Kalluri siragugal".

At the outset, I would like to appreciate and congratulate the E- magazine committee members for their nice initiative.

This will benefit all the students as they can now be aspired for greater heights by knowing about their achievements. This will also foster professional and social networking from time to time. It indeed creates a great feeling to know about the various student's activities with necessary information, record keeping as well as increasing student capabilities through active participation.

The E- Magazine principally covers the important highlights and events from the humble beginnings in 2018, till date – covering a span of 6 years of yeomen service to the community, as well articles dealing with Extra and Co-Curricular Activities, & Placement of students etc.,

Our students graduate with the skills, mind sets and qualities that will best equip them for success. Come on let's give our best and make this institution a modern temple of learning through our diligence, devotion and dedication.

Wishing you all the best in all your endeavours.

Dr. N. Anbalagan, M. Pharm, Ph.D.,

Principal & Professor
Dr. Kalam College of Pharmacy,
Avanam, Thanjavur.

HOD's MESSAGE



Dr. V. Loganathan

Sr. Vice Principal & Professor
Dept of Pharmaceutics



Dr. B. Parimaladevi

Vice Principal & Professor
Dept of Pharmacognosy



Dr. S. NavaneethaKrishnan

Professor & Head
Dept of Pharmacology



Dr. S. Vijayaraj

Professor & Head
Dept of Pharmaceutical
Chemistry & Analysis

Dear Students and Readers,

It is with immense pride and pleasure that we, extend our warmest greetings to you through the pages of Dr. Kalam Kalluri siragugal, our college's second edition of magazine. This publication stands as a testament to the vibrant intellectual and creativity that defines our academic community.

As the Heads of the Department, witnessing the depth of talent and passion that our students bring to this publication is truly gratifying. Dr. Kalam Kalluri siragugal is a platform for your voices, a space where your thoughts, insights, and creativity can flourish. It represents the culmination of your intellectual and artistic endeavors, showcasing the spirit of inquiry and expression that defines our department.

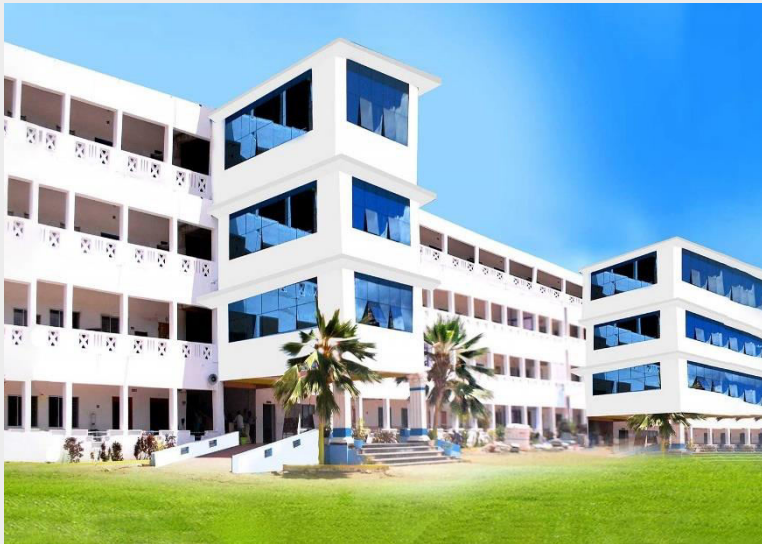
We want to express our sincere appreciation to the editorial team and all the contributors who dedicated their time and energy to make Kalluri siragugal a reality. Your commitment to excellence is evident on every page, and we commend you for your hard work and dedication.

To the readers, we encourage you to delve into the diverse array of content presented in Kalluri siragugal. Our college is not just a place of learning; it is a community of thinkers, creators, and visionaries, and Kalluri siragugal is a reflection of that community spirit.

Congratulations to everyone involved in bringing Kalluri siragugal to life. We eagerly anticipate the future editions that will undoubtedly continue to capture the essence of our department's intellectual vitality.

Wishing you all an enjoyable and enriching reading experience.

About Dr. Kalam College of Pharmacy



Dr Kalam College of Pharmacy (DKCOP) is an Educational Institution Established in 2018 promoted by Unity Educational and Charitable Trust. DKCOP is approved from Pharmacy Council of India, New Delhi and Tamilnadu Government. It offers Diploma in Pharmacy (D. Pharm), Affiliated to Director of Medical Education, Chennai and Bachelor of Pharmacy (B. Pharm), Master of Pharmacy (M. Pharm) in two domains Pharmaceutics and Pharmaceutical

Analysis affiliated to Tamil Nadu DR. M.G.R. Medical University, Chennai. Our college is situated in the Southeastern part of Thanjavur at Periyamayagipuram Village 2 Kms from Avanam and 18 Kms from Pattukkottai Junction on the Aranthangi main road in a sprawling campus of 10.24 acres of land.

Unity Educational and Charitable Trust is a public charitable trust. It has been in existence for over 10 years. The unity educational and charitable was formed in 2007 and it commenced its activities by starting over the Dr Kalam Polytechnic College in 2008. The college has now grown into first class institute, imparting technical education to about 1100 pupils. To mark the tenth year of its valuable service in the field of technical education, the unity educational and charitable trust decided to extend its activities to introduce pharmacy education. The trust is headed by Mr J. Jayaseelan, an industrialist, philanthropist and educationist and a visionary personality dedicated to education who has taken the trust and its activities to level of global standards. The most memorable aspect of his noble has been the clear vision with which he approached it. He is keen on touching every area in the field of education in the state, from basic education to providing colleges of higher learning to the aspiring knowledge seekers. He is open to modern educational philosophy with a desire to blend the same with traditional values.

Our vision is to be the premier source for education, workforce training, partnerships and economic development ant centre of excellence in the field of pharmaceutical education. Three batches of D. Pharm and one batch of B. Pharm has passed out from institute so far. Late 2023, our college has got approval from PCI for M. Pharmacy in Pharmaceutics and Pharmaceutical Analysis stream.

The 'Soul' of the Institute, the faculty is highly qualified and most of its faculty members hold doctorate degree. Furthermore, the institute is also having senior, highly qualified and reputed visiting faculty invited from top pharmaceutical industries. The faculty is dedicated and ever ready to help and solve the students' problems. Similarly, the co-operation of the administrative and other non-teaching staff of the college has been extraordinary. The faculty, administrative and non-teaching staff together with students makes "DKCOP Family".

FACULTY ACHIEVEMENTS

Research publications

Dr.S.Vijayaraj, HOD, Dept of Pharmaceutical Chemistry & Analysis

- ✓ Role of Synbiotics in Gastrointestinal Disorders. In: Dua, K. (eds) Synbiotics in Human Health: Biology to Drug Delivery. https://doi.org/10.1007/978-981-99-5575-6_5(**Springer, Singapore.**)
- ✓ Targeting Signaling Pathway and Mechanism of Prebiotics, Probiotics, and Synbiotics to Manage Metabolic Disorders, Synbiotics in Metabolic Disorders, CRC press (**Taylor and Francis group**)
- ✓ Formulation and Evaluation of Chitosan Based Sofosbuvir Solid Lipid Nanoparticles. Nano World Journal 9(S3): S544-S551.
- ✓ Advancing cancer theranostics through biomimetics: A comprehensive review. Heliyon, Volume 10, Issue 6, 2024, e27692, <https://doi.org/10.1016/j.heliyon.2024.e27692>. (**Elsevier, Science direct**)
- ✓ Recent progress, challenges (stability and in vivo distribution), and opportunities of DNA & mRNA vaccine in cancer immunotherapy. Advances in Immunology, Academic Press, 2024, <https://doi.org/10.1016/bs.ai.2024.10.008>. (**Elsevier, IF: 3.5**)

Dr.S.Navaneethakrishnan, HOD, Dept of Pharmacology

- ✓ Ameliorative Protective Influence of Etoricoxib Against Chemo Convulsions Correlates with Blood Glucose Levels in Rats, Pharmata. 2024;4(3):64-70. (**Turkish Journal**)
- ✓ Targeting Signaling Pathway and Mechanism of Prebiotics, Probiotics, and Synbiotics to Manage Metabolic Disorders, Synbiotics in Metabolic Disorders, CRC press (**Taylor and Francis group**).

Seminar/Conferences attended

- Dr.B.Parimaladevi and Ms. I. Asika attended CEP- Two days National conference on Regulatory and quality facets of Herbal cosmetics and nutraceuticals” held at Sengundhar College of Pharmacy, Namakkal during 09.02.2024 and 10.02.2024.
- Dr.B.Parimaladevi and Dr. S. Vijayaraj participated in SAMVESHYA'24 a Joint initiative of SIF NIT Trichy and I- STEM Bangalore at NIT, Trichy on 28.02.2024 on account of National Science day.
- Mr.T.Vimalakkannan participated in One day international conference on the topic “ An Emerging interface between life science and Nanotechnology” at Periyar college of Pharmaceutical Sciences, Trichy on 29.02.2024.
- Dr.S.Vijayaraj, Mr.Vimalakkannan, Mr. S. Sudhakar and Ms. S. Monika participated in National conference on “Innovations in smart polymeric drug delivery systems” held at Dhanalakshmi Srinivasan University, Trichy on 27th July 2024.

- Dr.S.Rajkumar, Associate Professor and Team of students from VII sem participated in International conference in medicinal chemistry at Karpagam College of Pharmacy, Coimbatore on 3rd and 4th September 2024.



Faculty as Resource Person

Dr.B.Parimaladevi was invited to chair a session at two days National conference on Regulatory and quality facets of Herbal cosmetics and nutraceuticals” held at Sengundhar College of Pharmacy, Namakkal during 09.02.2024 and 10.02.2024.

Dr. S. Vijayaraj was invited as evaluator for oral presentations held on 1st International Conference on Medical and Health sciences on 23.07.2024 at School of Pharmaceutical Sciences, Vels University, Chennai.

Dr. S. Vijayaraj and Mr. S. Sudhakar were invited as evaluators for oral presentations held on “Innovations in smart polymeric drug delivery systems” held at Dhanalakshmi Srinivasan University, Trichy on 27th July 2024.

Dr. S. Vijayaraj delivered a research talk on “Chemometric assisted analytical method development in drug discovery” in a National seminar organized by Sri Padmavathi School of Pharmacy, Tirupati, Andhra Pradesh.





Patent:

Dr. S. Vijayaraj filed an **Indian design patent** entitled “Franz diffusion cell for release studies of transdermal patches” at Indian Patent Office, Kolkata.(Application No: 43089801) on 18.09.2024.

पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. **430898-001**

तारीख / Date **18/09/2024**

पारस्परिकता तारीख / Reciprocity Date * :
देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **FRANZ DIFFUSION CELL APPARATUS FOR RELEASE STUDIES OF TRANSDERMAL PATCHES** से संबंधित है, का पंजीकरण, श्रेणी 24-02 में 1.Ms. Kiruba Mohandoss 2. Ankur Vashi 3.J.K.Shyamala 4.Dr. Shweta Telang-Chaudhari 5.Dr. Rajendra Kalyan Surawase 6.Dr. Ramya Teja Medarametla 8.Dr. Surendran Vijayaraj 9.Ms. Snehal Mahadev Koli 10.Ms. Aishwarya Bajirao Patil के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

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डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यायीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि: 11/11/2024
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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Felicitating the veterans

The management of Dr. Kalam Group of Institutions Honored the pharmacy veterans of DKCOP, Dr. N. Anbalagan, Dr.B.Parimaladevi, and Dr. V. Loganathan, for their exemplary contributions to education, each bringing over 25 years of teaching experience to the field of Pharmacy. Management representative Mr. Ajit Daniel felicitated the veterans, Prof. Mathivanan, Principal, Dr. Kalam Polytechnic College was the invited guest for the event. Faculty members shared their views and experiences with the veterans. The event ended with thanks giving and acceptance speech from the Honorees.



A teacher with 25 years of service has shaped the minds of over 10,000 students, dedicating approximately 20,000 hours to teaching, mentoring, and inspiring the next generation.



Academics

LIBRARY-The Temple of Learning



The Library of Congress in the United States, the largest library in the world, holds more than **173 million items** spanning 470 languages,





DKCOP thrilled to announce the launch of our revamped state – of – the – art library, a hub of knowledge and inspiration for students and faculty alike.

Designed to foster learning and creativity, this modern space is equipped with a diverse collection of resources to meet the academic and intellectual needs of our community.

OUR COMPUTER LAB

The new computer lab symbolizes our commitment to providing the best educational facilities and nurturing future- ready professionals. Let's harness the power of technology to unlock new possibilities and achieve greater heights. DKCOP encourage all students to explore, learn and innovate in this incredible space.





"Did you know? Pharmacology software can process millions of drug data points in seconds, cutting drug discovery time by up to 40%!"

CENTRAL INSTRUMENTATION LABORATORY



Our central instrumentation room is equipped with sophisticated Analytical instrumentation facilities

OUR SMART CLASSROOMS

At DKCOP, the integration of smart classroom facilities has revolutionized the learning experience. Equipped with interactive whiteboards, projectors, and high-speed internet, these classrooms create an engaging and dynamic environment for students. The use of multimedia tools and online resources enhances teaching methods, making learning more interactive and accessible. With these advanced technologies, DKCOP ensures that students are well-prepared for the future, blending traditional education with innovative digital learning solutions.



NSS ACTIVITIES

BLOOD DONATION CAMP



A blood donation camp was organized by NSS Unit of Dr. Kalam college of Pharmacy in collaboration with primary health center seruvaviduthi on February 21, 2024 in the college auditorium. Dr. N. Anbalagan, Principal inaugurated the program. Dr. S. Arul, Block Medical Officer, Seruvaviduthi was the chief guest of the program. A medical team of 2 doctors with 7 staff of primary health center Seruvaviduthi conducted the blood collection. More than 30 participants



donated blood during the camp. Appreciation certificates, gifts and refreshments were distributed to all the donors as a token of encouragement. Dr. S. Rajkumar, NSS Coordinator organized the camp.

RALLY AGAINST DRUG ABUSE .

DKCOP conducted a rally and awareness to the people about the drug abuse in the theme of **எனக்கு வேண்டாம்! நமக்கு வேண்டாம்!** Mrs. B. Pasupathi, Inspector of police, Peravurani (Tk) and Mr. Janbulingam, Sub Inspector of Police, Thiruchitrambalam were invited as a chief guest and guest of honor respectively for the drug abuse day.



Service to humanity is service to God

NATIONAL SAFETY WEEK

The National Safety Week Celebration will be held from 4th to 10th March 2024 in the auditorium of Dr. Kalam College of Pharmacy. This event aims to promote safety awareness and foster a culture of responsibility among students and staff. The program will be graced by the esteemed Chief Guest, **Mr.A.Kulandaivelu**, Assistant Professor at Dr. Kalam College of Pharmacy. Around 100 students from B.Pharm and D.Pharm programs will actively participate as volunteers. Organized collaboratively by Dr. Kalam College of Pharmacy and Polytechnic, Avanam, Thanjavur, this initiative underscores the institution's commitment to safety and community well-being.



WORLD TUBERCULOSIS DAY

on 23rd march 2024 DKCOP Observed World TB Day celebration in seminar classroom, with the esteemed chief guest Dr.P.Arivanandham M.B.B.S., Medical officer GPH'C, seruvaviduthi. About 130 students participated in this event.



GREEN CAMPUS- TREE PLANTATION

On account of Dr. A. P. J Abdul kalam birthday anniversary celebration. DKCOP planted trees on 15th October 2024, with esteemed chief guest of **Dr.N.Anbalagan** (Principal of DKCOP) & **Prof.Mr.Mathivanan**, Principal of Dr. kalam polytechnic college about 50 students are actively participated in tree plantation.



HELPING HANDS- SOCIAL OUTREACHES

A Heart-warming Visit: DKCOP at Pattukkottai girl children Orphanage

On the 4th of November, 2023, students and faculty from Dr. Kalam College of Pharmacy embarked on a meaningful journey to the Pattukkottai Orphanage.

Distinguished Guests

Accompanying the students were esteemed guests Mr. Ajith Daniel and Dr. B. Parimala Devi, M. Pharm, Ph.D., from the Department of Pharmacognosy.



During the visit, the team from Dr. Kalam College of Pharmacy made significant contributions, providing essential items to the girl children

OLD-AGE HOME VISIT

On September 10, our college conducted a visit to an old-age home named vallalar old-age home situated at pattukkottai. The staffs and students of our college were gone to the home.



Health is Wealth

10th INTERNATIONAL YOGA DAY

The 10th International yoga day was celebrated on Friday (21/6/2024) under the theme: “yoga for self and society”. In the presence of esteemed chief guest Dr. Rajalakshmi The students, staff and officials of Dr.Kalam College of Pharmacy benefited from the yoga session.



WORLD HYPERTENSION DAY

Since 2006, world hypertension day was celebrated on May 17. It was performed on the theme of “Measure your blood pressure accurately, control it, and live longer”

A group of students from B. Pharm final year and D. Pharm final year students check blood pressure of every student and staff in college in order to aware them. The BP was noted and medical history of the student and staff was asked and precautions were given.



SPORTS CORNER

Physical education, a learning experience, offers a unique opportunity for problem – solving and self-expression and socialization. A well implemented and comprehensive programmers is an essential component to the growth of both mind and body. The Department of physical education of Dr. Kalam pharmacy college solely works to develop the body and mind of the student to work coordination. Physical Education is a sequential educational program. It is based on physical activities undertaken in an active, caring, supportive and nonthreatening atmosphere in which every student is challenged and successful. Students with disabilities are provided with a learning environment that is modified, when necessary, to allow for maximum participation and having a fine ground for Foot Ball, Cricket courts, Volley Ball, Tennis, Throw Ball, Kho Kho, Kabaddi, Badminton.

STATE LEVEL OPEN CHESS TOURNAMENT

Dr. Kalam College of Pharmacy and Dr. Kalam Polytechnic College organized state level open chess tournament which was co-sponsored by Queens lion club, Pattukkottai.

On the **4th of February 2024**, state level open and children chess tournament was conducted and it was organized by Thanjavur district chess association. There are more than 500 players were participated.

The chief Arbiter was Rtn.D.Silambarasan FA secretary, Thanjavur district chess association. Senthilkumar Palanivelu president Thanjavur district chess association. M.Vinoth Treasurer Thanjavur district chess association, Graced the occasion.





Chess is a war over the board. The object is to crush the opponent's mind

-Vishwanathan Anand (Chess Grandmaster)

State level inter-collegiate sports

The students of Dr. Kalam College of Pharmacy have made us proud by emerging as champions in the state level intercollegiate sports meet and cultural festival-2024 conducted at Excel College of pharmacy Erode on 20.03.2024. Our students demonstrated exceptional skills and teamwork, outshining their competitors and clinching the **First Prize!**



State level Kabaddi tournament

The DKCOP team got **FIRST PRIZE** in the prestigious state level kabaddi tournament hosted by SNS college Coimbatore on 27/06/2024, The team will lead by the captain S. Tamilselvan B.Pharm 2022 batch. Guided by their coach PET Mr.Prasad,Mr. Balamurugan and supported by the college management.



“This victory is not just a testament to your hard work on the field but also to the discipline and determination you have made the college proud,”

Intercollegiate Kabaddi Tournament

On August 8, 2024, the students of Dr. Kalam college of pharmacy got **FIRST PRIZE** in kabaddi match held at Dhanalakshmi Srinivasan university.



INTER COLLEGE KABADDI TOURNAMENT



Dr. Kalam College of Pharmacy shines at Intercollege kabaddi championship, on September 14/2024; the students showcased their exceptional skills and sportsmanship by winning **FIRST PRIZE** in the intercollege kabaddi championship held at United College of Pharmacy.



The trophies in our **DKCOP's** cabinet

A trophy in the cabinet is a story of sweat, sacrifice, and success.

DKCOP in News papers

நிர்வாகிகள் மாலை அணிவித்து மரியாதை செலுத்திய போது எடுத்தபடம்.



ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் முதலாமாண்டு வகுப்புகள் தொடக்க விழா நடந்தது.



ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் மாணவர்கள் ரத்ததானம் செய்த போது எடுத்த படம்.

ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் முதலாம் ஆண்டு வகுப்புகள் தொடக்க விழா

பேராவூரணி, டிச.8— தஞ்சாவூர் மாவட்டம், பேராவூரணி அருகே ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் 2024-25-ம் ஆண்டுக்கான பி.பார்ம் மற்றும் எம்.பார்ம் முதலாம் ஆண்டு வகுப்புகள் தொடக்க விழா நடைபெற்றது. விழாவில் பார்மசி முதல்வர் அன்பழகன் தலைமை தாங்கினார். நிர்வாக பிரதிநிதி அஜிதேனியல் முன்னிலை வகித்தார். சிறப்பு விருந்தினராக தமிழ்நாடு மதுவாயர் பள்ளிகள் சங்கம் மாநில பொருளாளர் ஸ்ரீதர் கலந்து கொண்டு குத்துவிளக்கேற்றி, 2024-

விழாவில் கலாம் பாலிடெக்னிக் கல்லூரி முதல்வர் மதிவாணன், பார்மசி கல்லூரி துணை முதல்வர் பரிமளாதேவி, துறை தலைவர் லோகநாதன், பேராசிரியர்கள், பெற்றோர்கள், மாணவர்கள் மற்றும் பலர் கலந்து கொண்டனர். முடிவில் துறை தலைவர் விஜயராஜ் நன்றி கூறினார்.



பேராவூரணி அருகே டாக்டர் கலாம் பார்மசி கல்லூரியில் ரத்ததான முகாம்

பேராவூரணி, பிப்.26— தஞ்சாவூர் மாவட்டம், பேராவூரணி, ஆவணம் டாக்டர் கலாம் பாலிடெக்னிக் மற்றும் பார்மசி கல்லூரியில் நாட்டு நலப்பணி திட்டம், அரசு மருத்துவமனை பட்டுக்கோட்டை, மேம்படுத்தப்பட்ட அரசு ஆரம்ப சுகாதார நிலையம், செருவா விடுதி இணைந்து ரத்ததான முகாமை நடத்தியது. பாலிடெக்னிக் மற்றும் பார்மசி கல்லூரி முதல்வர்கள் மதிவாணன் மற்றும் அன்பழகன் ஆகியோர் தலைமை வகித்தனர். முகாமில் சிபேராவூரணி விடுதி ஆரம்ப சுகாதார நிலையம் மருத்துவ அலுவலர் டாக்டர் அறிவானந்தம் மற்றும் பட்டுக்கோட்டை ரத்த வங்கி மருத்துவ அதிகாரி டாக்டர் சீனிவாசன் மற்றும் செருவாவிடுதி வட்டார சுகாதார மேற்பார்வை யாளர் சந்திரசேகரன், சுகாதார ஆய்வாளர்கள் தவமணி, பூவலிங்கம், புண்ணியநாதன், ஜீவா மற்றும் கல்லூரி துணை முதல்வர்கள் பரிமளாதேவி, கணேசன், பொது தொடர்பு அலுவலர் பெரமழர்த்தி, உடற்கல்வி இயக்குனர் பிரசாத் மற்றும் நாட்டு நலப்பணித்



ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் தேசிய ராக்கிங் எதிர்ப்பு தினம் மற்றும் பேராவூரணி அருகே ஆவணம்

டாக்டர் கலாம் பார்மசி கல்லூரியில் தேசிய ராக்கிங் எதிர்ப்பு தினம் அனுசரிப்பு

பேராவூரணி, ஆக.13— தஞ்சாவூர் மாவட்டம், பேராவூரணி வட்டம், ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் தேசிய ராக்கிங் எதிர்ப்பு தினம் அனுசரிக்கப்பட்டது. டாக்டர் கலாம் பார்மசி கல்லூரி முதல்வர் மதுவாயர் அன்பழகன் வரவேற்று பேசினார். விழாவிற் சிறப்பு விருந்தினராக பேராவூரணி காவல்துறை ஆய்வாளர் சகபதி சைந்து கொண்டு ராக்கிங் இனால்ட்டும் திய விளைவுகள் மற்றும் ராக்கிங் எதிர்ப்பு சட்ட நடவடிக்கைக் குறித்து மாணவர்களுக்கு விளக்கினார். மேலும் திருச்சிற்றம்பலம் காவல்துறை துணை ஆய்வாளர் ஜம்புலிங்கம் சைந்து கொண்டு சோதனைப்பொருள் உபயோகத்திற்கு

உறுதிமொழி எடுக்க வைத்தார். நிகழ்ச்சியில் டாக்டர் கலாம் பாலிடெக்னிக் கல்லூரி முதல்வர் மதுவாயர் ஐயாண்டேவி மற்றும் பரிமளாதேவி மற்றும் மாணவ மாணவிகள் கலந்து



ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் முதலாவது பட்டமளிப்பு விழா நடைபெற்ற போது எடுத்த படம்.

பேராவூரணி அருகே ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியில் பட்டமளிப்பு விழா

பேராவூரணி, ஜூலை.24— தஞ்சாவூர் மாவட்டம், பேராவூரணி தாலுக்கா ஆவணம் பெரியநாயகி புரத்தில் இயங்கி வரும் டாக்டர் கலாம் பார்மசி கல்லூரியின் முதலாவது பட்டமளிப்பு விழா நடைபெற்றது. விழாவிற் தலைமை விருந்தினராக தமிழ்நாடு பார்மசி கவுன்சில் தலைவரும், இந்திய மருந்து வழிகளையும் வாழ்த்து உற்பத்தியாளர்கள் சங்கத்தின் தலைவரும், இந்திய மருந்தியல் சங்கத்தின் துணைத் தலைவருமான ஜெயசீலன் கலந்துகொண்டு பட்டம் பெற்ற மாணவர்களுக்கு பட்டங்களை வழங்கி மருந்தியல் துறையின் முக்கியத்துவத்தை எடுத்துக் கூறி இத்துறையில் சாதனையாளர்களாக உருவெடுப்பதற்கான வழிகளையும் வாழ்த்து களையும் தெரிவித்தார். விழாவில் சிறப்பு விருந்தினராக சாய் மிர்ரா இன்னோ பார்ம் நிர்வாக இயக்குனர் பாண்டியன், டாக்டர் கலாம் கல்விறுவனத்தின் நிர்வாக பிரதிநிதி அஜிதேனியல் மற்றும் டாக்டர் கலாம் பாலிடெக்னிக் கல்லூரி முதல்வர் மதிவாணன் ஆகியோர் பங்கேற்றனர். பட்டமளிப்பு விழாவிற் கல்லூரி முதல்வர் முனைவர் அன்பழகன் தலைமை வகித்தார். முன்னதாக கல்லூரியின் துணை முதல்வர் முனைவர் பரிமளாதேவி வரவேற்பு உரையாற்றினார். விழாவில் பட்டம் பெற்ற மாணவர்கள் மற்றும் பெற்றோர்கள் கலந்து கொண்டனர்.



CO-CURRICULAR ACTIVITIES

ACADEMIC ACHIVEMENTS

STATE LEVEL TOPPER IN TAMIL NADUM.PHARMACY ENTRANCE EXAM

“Success is not an accident. It is hard-work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing”



Mr.Thangamaselvan from [DKCOP](#), B.Pharm 2019 batch achieved state level first rank on M. Pharm entrance exam conducted by the Tamilnadu Dr.M.G.R.MedicalUniversity. Our Chairman felicitated the achiever for his perseverance and hard-work.

Adding feathers to crown of DKCOP

Our students at scientific forums

National level conference on “Innovations in smart polymeric drug delivery systems”

On 27th July 2024 **Dhanalakshmi Srinivasan University**, Trichy

The conference on drug delivery systems and nanotechnology held at Dhanalakshmi Srinivasan University highlighted innovation and expertise through its structured sessions.

Best Poster Award: Ms. Aarthi Ramu, B.Pharm. 2020 batch from Dr. Kalam College of Pharmacy, presented research on **RP-HPLC Method for Estimation of Ritonavir from Hybrid Polymeric Nanoparticles in Rat Plasma**, guided by **Dr. S. Vijayaraj**. Dept. of pharmaceutical analysis



Poster presentation at the **73rd Indian Pharmaceutical Congress (IPC)**, Hyderabad

Mr. Namasivayam and Mr. Aravinth from B. Pharm -2020 batch students presented a paper entitled **“DEVELOPMENT OF SUSTAINED RELEASE HERBAL FILM COATED THERAPEUTIC INSOLES FOR DIABETIC FOOT ULCERS- A PILOT STUDY”**



International Conference on Medicinal Chemistry in Integrated Drug Discovery MC-ID2

The 2-Days International Conference on Medicinal Chemistry and Integrated Drug Discovery, hosted by **KARPAGAM COLLEGE OF PHARMACY, COIMBATORE, on 3rd and 4th September 2024,**

With the participation of 9 eminent speakers from various regions, the event featured keynote addresses and presentations on cutting-edge topics, emphasizing the integration of medicinal chemistry with modern drug discovery approaches.

The student **participation in oral presentations.** Among the notable

achievements, **Mr.M.Syed Abdul Rahman, a student from the B.Pharm 2020 batch** of Dr. Kalam College of Pharmacy, Thanjavur, secured the 2nd prize in the Oral Presentation category for his research paper presentation in the topic of

“In-Silico Studies of Oxime Prodrug of Gliclazide Against Sulphonyl Urea Receptor SUR-1”



The innovative work, guided by **Dr.S.Vijayaraj**, Head of the Department of Pharmaceutical Analysis, received widespread acclaim for its scientific rigor and practical significance.



Students of B.Pharm 2020 has been attended one day national seminar on **INVESTING THE PHARMACOLOGICAL EFFECT OF NOVEL COMPOUNDS ON CANCER CELL LINES.** ON 20TH September 2024 at Annai JKK Sampoorani Ammal College of Pharmacy Komarapalayam -638183 Namakkal Dt.



Two Days National Conference On “REGULATORY AND QUALITY FACETS OF HERBAL COSMETICS AND NUTRACEUTICALS”

Date: 09th - 10th February 2024, Organized by Department of Pharmacognosy, Sengunthar College of Pharmacy, Thiruchengode – 637205, Namakkal (DT), Tamil Nadu

The event was beneficial for college students, with 11 participants guided by: Dr. B. Parimaladevi, M.Pharm, Ph.D. (Head, Department of Pharmacognosy) & I. Asika.



Guest Lecture on “PHARMACEUTICAL DOSAGE FORMS”

Scientific events committee of DKCOP organized a guest lecture on the topic entitled "Pharmaceutical Dosage Forms" on 09.02.2024. **Dr. Vinay Rao**, Associate Vice President, (R&D and Technology Transfer), STEERLife, Bengaluru was the resource person of the lecture and **Dr. Sumathi Rao**, Director, Quality, Hibrow Health care Ltd, Chennai had an interactive session with the students and clarified their doubts.



Did you know?

The smallest dosage form ever created is a "microneedle patch," which delivers medicine painlessly through microscopic needles that dissolve in the skin—revolutionizing drug delivery!



INDUSTRIAL VISIT- 2020 BATCH

DISCOVERING PONDICHERRY: A UNIQUE BLEND OF INDUSTRY AND LEISURE

The students of **B.PHARM 2020 Batch** has been attended 3 days industrial visit

Day 1: March 1, 2024 - Sakthi Naturals

Our journey into the world of pharmaceuticals kicks off with **Sakthi Naturals**, pioneers in herbal-based drug manufacturing.

Day 2: March 2, 2024 - Safetab Life Sciences

Next on our itinerary is **Safetab Life Sciences**, a powerhouse in allopathy drug manufacturing.

An industrial visit bridges the gap between theory and practice, turning knowledge into experience!



Did you know? A single pharmaceutical manufacturing facility can produce **up to 50,000 Liters of liquid medicine daily**, enough to fill 200,000 standard bottles!



CAREER GUIDANCE



Career Guidance Program on Interview Skills Development and Training

Organized by Placement and Career Guidance Cell on 05/08/2024 at DKCOPAvanam

Trainer: **Mr.R.Sathish Kumar, MCA**

Founder, Trainer, and Managing Partner of Atulya Training Solutions, Chennai

During the session, Mr.R.Sathish Kumar covered essential topics such as effective interview techniques, resume building, and the scope of careers in pharmacy.



Career guidance lights the way,
turning dreams into reality.
Choose wisely, grow endlessly

PLACEMENTS

OUR CAMPUS PLACEMENTS



Our college has a unique and distinct advantage as our chairman is a well-known and highly welcomed entrepreneur who owns many pharmaceutical industries in India. His vision is to provide quality education and excellent training that suits the current industrial requirements for students from varied financial backgrounds. Hence, ample of placement opportunities are awaiting for our students. Indeed, placement is assured for both of our diploma qualified candidates and degree graduates.



PROGRAMS AND FUNCTIONS

COLLEGE DAY PROGRAM Apotheikfeir -2023

On **November 17, 2023**, The event was graced by the esteemed presence of our Chief **Guest, Dr. Mohan Lakshminarayan B.E., Ph.D., Director of Operations and Systems , Fourrts India Laboratory private. Ltd, Chennai.**

An Evening of Cultural Splendor:

The air was filled with excitement and anticipation as students, faculty, staff, alumni, and guests gathered to witness a dazzling showcase of talent and creativity. From gripping **dramas to enchanting dances, every performance captivated the audience.**

On this day the INAUGURAL EDITION OF Our college E-MAGAZINE **கலாம் கல்லூரி சிறகுகள்** was released by our esteemed Chief guest.



WORLD PHARMACISTS' DAY -2024

On September 24th, 2024, DKCOP (Dr. Kalam College of Pharmacy) proudly celebrated **World Pharmacist Day**, embracing the global theme, *"Pharmacists: Meeting Global Health Needs."* This significant event, organized by the **Scientific Events Committee of DKCOP**,

Chief Guest: Mr.K.Vimalraj, B.Pharm., Drug Inspector, Thanjavur II Range event was an enthralling **drama performance by the Kalam Family students**, which creatively illustrated the role of pharmacists in tackling public health crises.



WOMENS DAY CELEBRATION-MARCH 08/2024

THEME: Invest in women: Accelerate progress the chief guest- **Dr.P. Kalaiselvi BSMS.**, was participated in the occasion. She gave an expressive speech to the students and inspired them. Our students are engrossed by the boost up speech.



"The future is female, it's not about diminishing men, it's about elevating women. When women rise, we all rise."

PONGAL CELEBRATION

The Pongal celebration was organized by the management of Dr. Kalam's institution, and the function was coordinated by B.Pharm 2022 batch.

During the inauguration, our management representative joined hands together with us and made the function more delightful. Each and every student of DKCOP has taken their own responsibility and made the function very sweet.

Many events were conducted by our function committee members.

Everyone wore a traditional dress and it seemed like shining stars in the sky.

It was a colourful and unforgettable memory because all the staff Joined hands with students.

The main events of the function are,

COOKING PONGAL

ROPE-PULLING GAME

POT BREAKING GAME

DANCES

All the events were thoroughly enjoyed by the participants.



TEACHERS DAY CELEBRATION



On September- 5th 2024 DKCOP celebrated Teachersday. The students of function committee organized an interactive fun game for the faculty members, all the faculties participated in various games and events, sportively.

Teachers' Day is celebrated on different dates worldwide, with India honoring Dr. Radhakrishnan on **September 5** and the US on the **first Tuesday of May!**



DRUG ABUSE AWARENESS DAY

Drug abuse awareness day was observed on 25.06.2024 Mrs.B.Pasupathi, Inspector of police, Peravurani (Tk) and. Mr.Janbulingam, Sub Inspector of Police, Thiruchitrambalam were invited as a chief guest and guest of honor respectively for the drug abuse awareness day.

The **students from 2020 batch performed skit** to show the consequences of drug addiction and also showcased the rehabilitation of addicted person is the rehabilitation to the family.



"Alcohol may give you wings for a moment, but it chains you for a lifetime."

ANTI RAGGING WEEK

On 12.08.2024, Dr. Kalam College of Pharmacy, Avanam, Thanjavur observed Anti-Ragging Day and celebrated anti ragging mahautsav from 12th August to 18th August 2024 with a series of engaging and educational activities aimed at raising awareness about the harmful effects of ragging. Mrs. B. Pasupathi, Inspector of Police, Peravurani(Tk)&Mr.Jambulingam, SubInspector, of Police, Tiruchitrambalam were invited as chief guest.

Screening of awareness video

Final year students of B.Pharm and D.Pharm were made to watch



awareness video from UGC anti ragging website on ragging menace and its evil consequences on 13.08.2024



Activities Conducted:

Essay Writing Competition:

The essay writing competition was conducted on 13th August 2024. Students were encouraged to express their thoughts on the topic of ragging and its impact.

Slogan Making Competition:

In an effort to create catchy and



ragging, slogan-making competition was organized on 13.08.2024

"90% of ragging cases lead to severe penalties—expulsion, ₹25,000 fines, or 3 years in jail. Think before you act, or the stats may claim you!"

The poster-making competition conducted on 14.08.2024 allowed



the students to visually represent the theme of anti-ragging. Constant reminder of the commitment to eliminate ragging.



Logo Making Competition:

To further involve Students in the anti-ragging initiative, a logo-making competition was held on 14.08.2024. The objective was to design a logo that could be used in future anti-ragging campaigns and initiatives within the institution.




GRADUATION DAY

A Milestone Achieved: Celebrating the First Batch of Dr. Kalam College of Pharmacy On 26th June we celebrate a momentous occasion – The graduation of our inaugural batch of 2018. It's a proud moment for Dr. Kalam College of Pharmacy.



Chief Guest's Message "It's a pleasure to be part of this momentous occasion. I congratulate the graduating students and wish them all the best for their future endeavours. I'd like to extend a special invitation to our graduating students to visit us every year on January 26th. We'd love to stay connected and see the impact you make in the world!"

-Mr. J. Jayaseelan.

 *Did you know? The tradition of wearing caps and gowns at graduation dates back to the 12th century! Scholars of medieval Europe wore gowns to stay warm in unheated buildings, and over time, this attire became a symbol of academic achievement.*

Toppers of the 2018 Batch



1
PLACE



2
PLACE



3
PLACE

Mr.ANIQ UR RAHMAN.A

CGPA- 8.10

Ms.JAYALAKSHMI.R

CGPA- 8.08

Ms.REEM FAIMA.N

CGPA- 8.03



BID ADIEU

The students, staff and management of Dr. Kalam college of pharmacy bid farewell to the outgoing students of 2019 batch. Filled with curiosity and zeal, the farewell ceremony was organised by the students of 2020 batch in the college campus. The day was a fiesta devoted to the years spend together with friends and staffs, to reminisce the joyous moments.

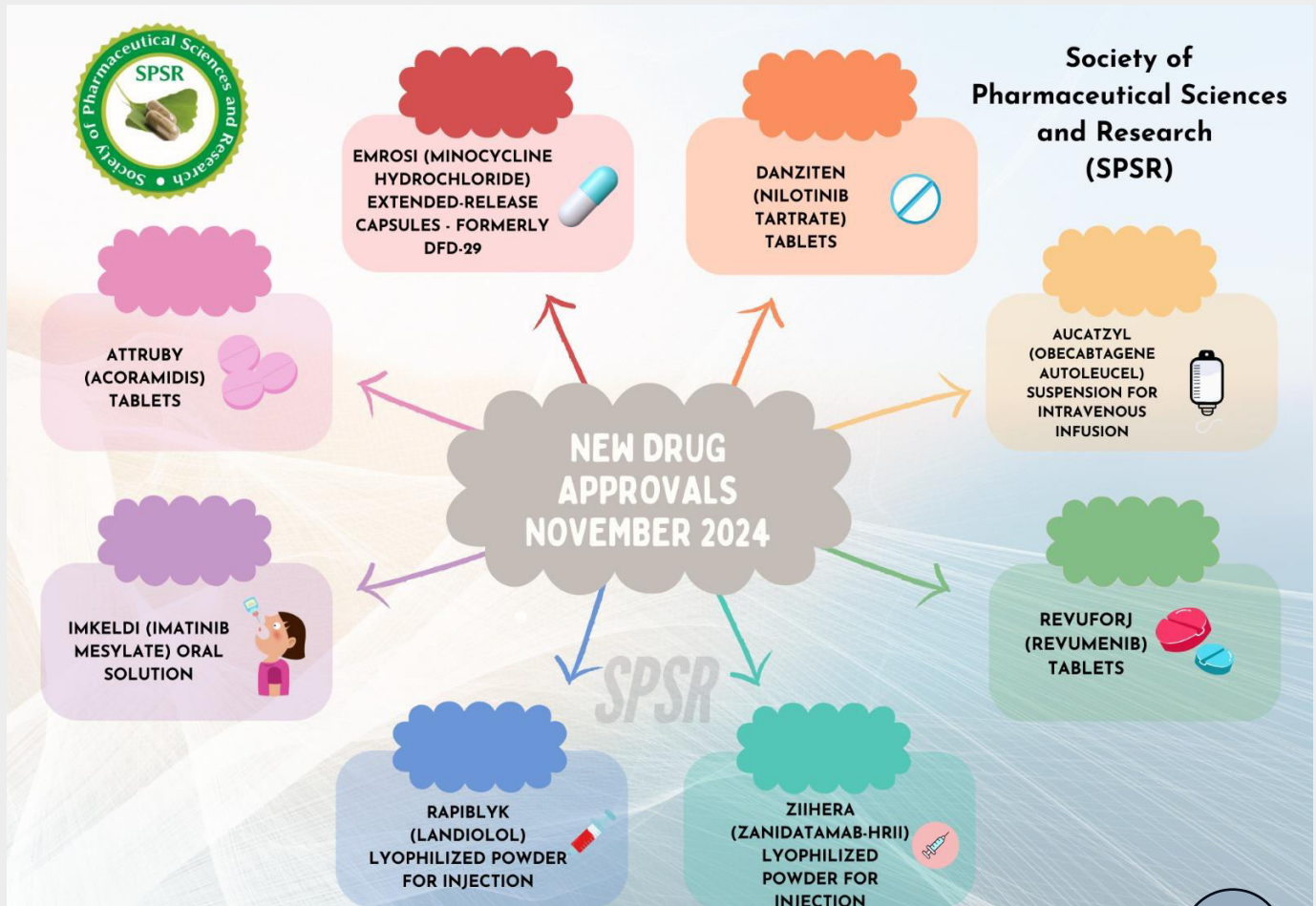
On the evening of 16.02.2024 the farewell was inaugurated followed by fun games which were conducted by the juniors to seniors such as singing, dancing, quiz games etc. Later the final year students were asked to give their opinions about the institute and staffs.

It was Heart warming to witness the screening of video wishes from Dr. M. Venkatesan, Principal, Pannai Marimuthu College of Pharmacy, Sivaganga and Mr. A. Muthukumar, Associate Professor, KMCH College of Pharmacy, Coimbatore who earlier taught for 2019 batch at DKCOP.



Saying goodbye is never easy, but it is an opportunity to cherish the memories, celebrate the journey, and look forward to the new adventures that await.

NEWLY APPROVED DRUGS – NOV&DEC -24



NEW DRUG DECEMBER 2024 FDA NEW DRUG APPROVALS **BIZENGRI (ZENOCUTUZUMAB) INJECTION**

Bizengri (zenocutuzumab) injection is a bispecific HER2- and HER3-directed antibody for the treatment of patients with neuregulin 1 fusion positive (NRG+1) non-small cell lung cancer(NSLC) and NRG1+ Pancreatic adenosarcoma

*NRG1 Fusions are oncogenic drivers that occurs when the NRG1 gene is fused with another gene altering the dimerization of HER family proteins

STUDENTS CREATIVITY CORNER



B. KIRUTHIKA

B. PHARM -2021 BATCH



SABARIYA

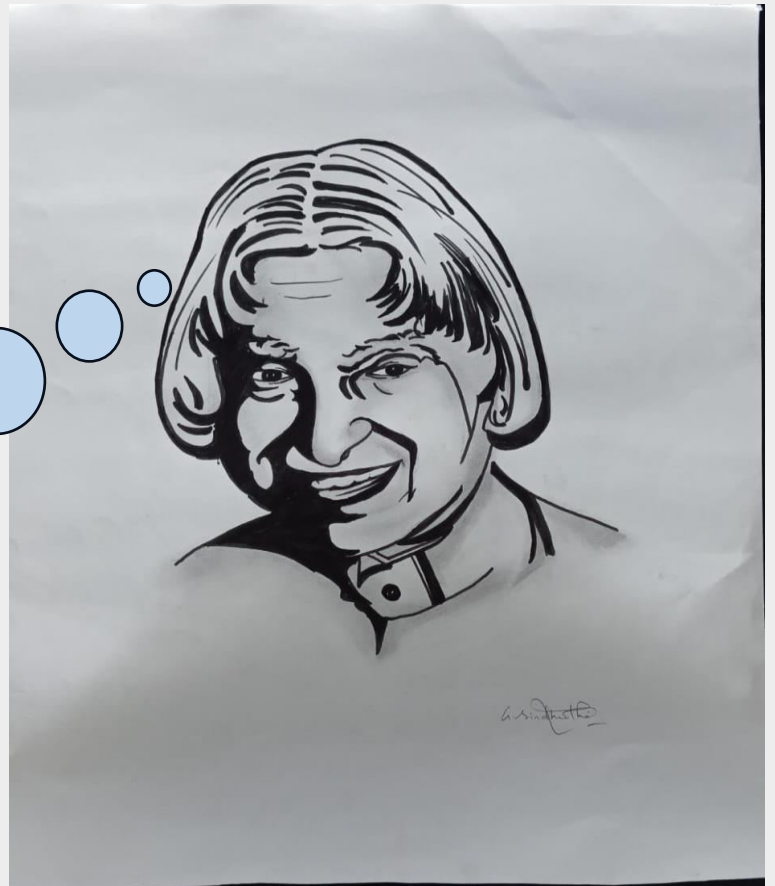
B. PHARM -2023 BATCH



CT. VATHSALA

B. PHARM – 2023 BATCH

“Dream, dream,
dream. Dreams
transform into
thoughts and
thoughts result in
action.” – Dr.
A.P.J. Abdul Kalam



SINDHUMATHI. G

D.PHARM -2023 BATCH



Art by,

A. SHALINI

B. PHARM 2020

Art sparkles with
imagination,
and glitter
brings it to life!



A glitter Art of our
chairman by,

SINDHUMATHI. G

D.PHARM -2023



T. GUNAVATHI
B.PHARM -2020



VARSHINI.P
B.PHARM- 2023

யார் இந்த பெண்?

இந்த மணியை மாணிக்கத்தை !

கருவில் சுமந்தாய் தாயாக !

மடியில் சுமந்தாய் பாட்டியாக !

கனவில் சுமந்தாய் காதலியாக !

மனதில் சுமந்தாய் மனைவியாக !

உயிரில் சுமந்தாய் தமக்கையாக !

தோல்வியை சுமந்தாய் தோழியாக !

குறையை சுமந்தாய் ஆசிரியையாக !

குணங்களை சுமந்தாய் மகளாக !

போதும்,

என் சுமைகள் அனைத்தையும் சுமந்த நீ

இன்று ஒரு நாள் விடுப்பு எடுத்துக்கொள் !!!



G. MANI RANJITH
B. PHARM -2020



Tamil is the only classical language that has a continuous literary tradition for over 2000 years, with its poetry evolving from sangam literature to modern digital kavithai.

கல்லூரி சிறார்கள்

பள்ளிகளை விட்டுப்பறந்து
கல்லூரிக்கு வந்த
சிறார்கள் நாங்கள் !

கூட்டை விட்டுப் பிரிந்து
புதிய இடத்தில் தஞ்சம் அடை

அந்த புதிய கூட்டை அன்பாலு
அரவணைப்பினாலும் கட்டிலோட



அந்த கூடு கற்றுத்தந்த பாடங்களுடன்
கூட்டை விட்டு
பறந்து செல்ல தயாராக இருக்கிறோம் !

பறவை தனக்கு உணவளித்த
தாயை மறந்தாலும்,
அரவணைத்த தந்தையை மறந்தாலும்
பாடம் கற்றுத்தந்த கூட்டை ஒருபோதும்
மறக்காது !

கற்றுத்தந்த பாடத்தை நினைவில் வை
கூட்டின் நினைவுகளை மட்டும் சுமந்து
வெளியே செல்ல காத்திருக்கும்
கல்லூரி சிறார்கள் நாங்கள் !



A. SHALINI

B. PHARM 2020

ஒரு பக்க கதை

பெண்ணின் வேண்டுகோள்.....

தன் மதி குறைந்த இச்சமுதாயதின் நிலை மாறுதலுக்கு காரணமாக இருக்குமா இவள் வேண்டுகள்?

22 வயது இள்பெண் அவள், உயர் அங்கீகாரத்தை தேடிச்செல்லும் இவள் பாதங்களுக்கு தடைக் கற்களாக இருந்தன அவளது போக்குவரத்துச் சவால்கள்.

தனது பள்ளிப் பருவத்தில் தொடங்கியது இந்த சவால், ஏனென்றால் ஆண்கள் அமரும் இருக்கையில் அமரக்கூடாது என்று அவள் அன்னை சொல்லி வளர்க்கவில்லை, உன்னை நம்பி உன்னருகில் அமரும் பெண்ணிற்கு பாதகமாய் அமையாதே என்று அவனின் அன்னையும் சொல்லி வளர்க்கவில்லை.

சிறு சீண்டலுக்கு ஆளாகிய அவள் பள்ளிப் பருவம் அவளுக்குள் சிறு அச்சத்தை புகுத்தியது. இவற்றை கடந்து கல்லூரி பயணத்தில் அடியெடுத்தவளுக்கு எதையும் சாதிக்கும் திறன் இருந்தும், சிலரை கடக்க எழும் தயக்கம் அவளையே முடக்கிவிடுகின்றது. தன் எதிராளிகளை எதிர்க்க எவ்வளவுதான் முயற்சி செய்தாலும், உடல் வலிமையும், மன வலிமையும் அவளுக்கு ஏதுவாக அமையவில்லை.

அன்றிரவு மனம்குலுங்கி அழுத அவள் கண்களை மூடி கடவுளே! என் உடல் முழுவதும் முட்கள் பதியட்டும் என வேண்டினால்.

அதிகாலையில் கண் விழித்ததும் ஏதோ ஓர் புது உணர்வு அதனுடன் பயணித்து அந்நாளை துவங்கினாள். அன்று ஏதோ ஒரு கண் தன்னை தவறான கண்ணோட்டத்தில் வட்டமிடுவதை உணர்ந்த அவள் கண்கள் அவனை நோக்கி திரும்பியது.

கருவிழிகளில் இருந்து எழுந்த தீப்பொறிகள் அவனை சாம்பலாக்கியது, கைநகங்கள் அனைத்தும் ஆயுதமாகின, இத்தகைய சக்திகளுடன் தன் பயணத்தைத் தொடங்கினாள்.

மாயாஜாலங்களினால் மட்டும் தான் இந்நிலை மாறுமா?

சிந்தியுங்கள்!



G.NALINI
B.PHARM -2020

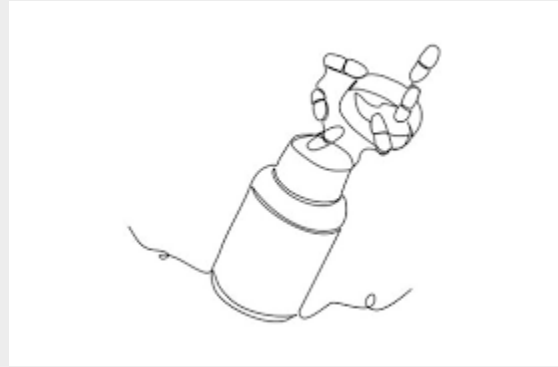
ASTONIZING DRUG STORE

Our body is an astonishing drug store.

Brain, Doctors, health restores,

Administers drugs and dosage accurates,

Without side effect vital force generate

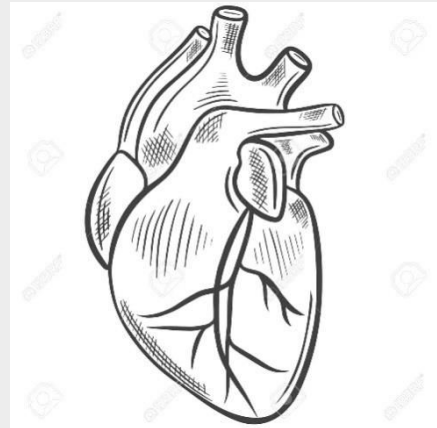


For proper temperature and pressure maintain.

Where in resists health, inform brain,

For requisite standards, the brain is referred,

In order, the pharmacy for drug is preferred,



It uses the air, water, sunlight, food inputs

Converts them into salt outputs.

Gland, secrete enzymes, protein,

Plethora and wastage of the system clean.



Breathing, walking, exercise, health maintain

Fruits, vegetables, milk in nature health.

Natural death fertile the soil for earth wealth,

All divine grace you can yourself can retain.



C.ABINAYA

B. PHARM- 2020

AI-POWERED QA/QC SYSTEMS: THE FUTURE OF PHARMACEUTICAL QUALITY

Entering AI-powered Quality Assurance (QA) and Quality Control (QC) systems—a revolutionary technology poised to redefine industry standards in 2024.

The Core of AI-Powered QA/QC

AI systems integrate machine learning, computer vision, and big data analytics to automate inspection processes, detect minute defects, and ensure regulatory compliance. These systems are transforming traditional QC methods by introducing:

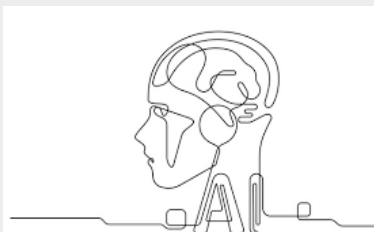
Unmatched Precision: AI detects defects invisible to the human eye, such as microscopic cracks or inconsistencies in tablet coatings

Real-Time Analysis: Continuous monitoring identifies anomalies instantly, enabling swift corrective measures.

Predictive Insights: By analyzing historical data, AI prevents potential manufacturing issues, reducing downtime and costs.

Unique Features

- Vision-Driven Detection:** High-resolution cameras coupled with AI algorithms inspect products for shape, size, and surface defects.
- Automated Workflow Integration:** Seamlessly integrates with existing production lines, ensuring minimal disruption.
- Regulatory Edge:** Helps meet FDA and GMP standards by providing detailed, real-time documentation of quality checks.



Impact of AI on the Industry

Leading pharmaceutical giants like Sanofi, Pfizer, and Roche are already leveraging AI systems to improve vial inspections and detect coating defects. These innovations reduce human error, accelerate production, and ensure consistent product quality.

Why It Matters?

Global Health: Faster, more accurate QA/QC ensures the delivery of safe and effective drugs.

Sustainability: Reduces material wastage and energy consumption through optimized processes.

Cost Efficiency ₹1–2 crore (USD 120,000–240,000).

As we step into 2024, AI-powered QA/QC systems are not just tools but catalysts for change, elevating pharmaceutical manufacturing to a new standard of excellence. This fusion of AI and quality control promises a future where every drug is safer, faster, and more reliable.



M.SYED ABDUL RAHMAN
B. PHARM -2020

PHARMACISTS ROLE IN GLOBAL HEALTH NEEDS

Introduction: Pharmacists play a crucial role in ameliorate the global health needs by ensuring the safe, right medication and healthcare services to the people. As healthcare professionals they are responsible for offering the guidance on the use of right medication at the right time which helps in preventing and managing the disease.

Access to Medicines: Pharmacist works in hospitals, clinics, and community pharmacies, ensuring that patients receive the correct prescriptions and know how to take them properly. Pharmacists also help combat the spread of counterfeit drugs by ensuring that the medicines they provide are authentic and of high quality.

Preventing and managing diseases: Pharmacists contribute to the public health efforts by preventing the disease through vaccination programme, health screenings, education campaigns. They participate in initiatives tackling infectious diseases, chronic conditions and mental health.

Tragedy response: Pharmacists provide emergency care, supporting affected communities. And also staying updated on emergency therapies and technology. And also embracing technology for remote care, monitoring and education.

Future directions: Enabling pharmacists to provide more comprehensive care. Leveraging AI, tele pharmacy and data analytics. Fostering collaborations for knowledge sharing and best practices result as global partnerships. Establishing community-based clinics for preventive care. Advancing pharmacist driven research and education.

Conclusion: Pharmacists are essential to addressing the global health challenges. By providing essential healthcare services, improving medication safety, contributing to public health efforts. Their role continues to evolve as they adapt to the ever-changing global health and scape.



C.ABINAYA
B. PHARM- 2020

Revolutionizing Cancer Treatment: Russia's Bold Move with mRNA Vaccines

Introduction: A New Hope in Cancer Care

Cancer remains one of the deadliest diseases globally, with millions of lives lost each year despite decades of research. However, recent advancements in science are bringing new possibilities for treatment. One such breakthrough emerged from Russia on December 15, 2024, when Andrey Kaprin, director of the Radiology Medical Research Center of the Russian Ministry of Health, revealed a groundbreaking mRNA vaccine designed to fight cancer

A Groundbreaking Announcement: mRNA Technology for Cancer

In an announcement on Radio Rossiya, Kaprin shared that the mRNA vaccine would be made available free of charge to cancer patients across the country. This vaccine, developed using the same technology that helped combat COVID-19, aims to harness the body's immune system to target and destroy cancer cells specifically.

Harnessing mRNA Technology: Precision and Personalization

The mRNA vaccine utilizes the same technology that revolutionized the fight against COVID-19 but repurposes it for cancer treatment. Traditional therapies like chemotherapy can cause severe side effects due to their lack of specificity. The mRNA vaccine, on the other hand, directs the immune system to target only



the cancer cells, offering a more precise and effective method of treatment.

Making Treatment Accessible: Free for Cancer Patients

One of the most remarkable aspects of this development is that the vaccine will be offered free of charge to cancer patients. This decision marks a significant step toward making advanced cancer treatments accessible to a wider population. Cancer care often involves expensive therapies that place a heavy financial burden on patients and their families.

The Promise of mRNA Vaccines: A New Era in Cancer Therapy

While the vaccine is still in its early stages, its potential to revolutionize cancer care is enormous. Researchers believe it could lead to treatments that are not only more effective but also less invasive and better tolerated by patients.

Conclusion: A Bright Future for Cancer Patients

The announcement of the mRNA vaccine for cancer by Andrey Kaprin represents a significant milestone in the fight against cancer. If successful, this vaccine could become a game-changer, providing cancer patients with a better chance of survival and improving their quality of life, ushering in a new era of cancer treatment



D.SILAMBARASAN

B.PHARM -2020

DIVERSITY AND INCLUSION

DIVERSITY AND INCLUSION

India is a vibrant and diverse country, and as Indians, we all take pride in our rich and diverse cultural, geographical, religious, and linguistic heritage. As individuals, we are all unique in our own way, with distinct thought processes, characters, physical appearances, knowledge bases, educational backgrounds, socio-economic backgrounds, genders, and abilities. Do we truly include and celebrate this diverse tapestry of individuals?

No we don't. We put people in boxes. Everybody has every body unconscious bias, knowingly or unknowingly we judge people based on their characters, physical appearances, knowledge bases, educational backgrounds, socio-economic backgrounds, genders, and abilities. I personally believe diversity in people should be included together to bring different viewpoints together. As a academician, I find it difficult to see individuals judged solely on basis of their academic performance. Individuals have their unique strength in academics, sports, literature, and cultural. I believe:

Strength lies in difference, not in similarities.

An inclusive environment, where diverse perspectives and abilities are valued and respected is essential for creating a vibrant and equitable community.



Ms. Monika M. Pharm.,

Assistant professor,

Department of Pharmacology.

“Treating people with civility is a prerequisite for discovery.”

NEW DRUG PROFILE

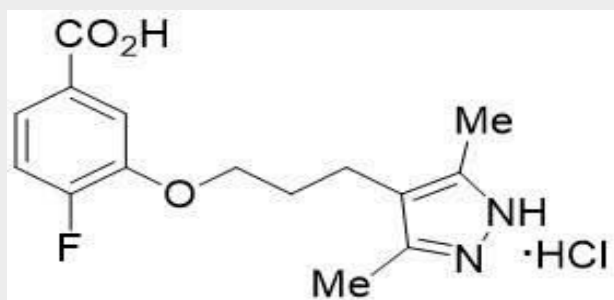
ATTRUBY

Attruby (Acoramidis) is an oral medication **approved by the U.S. Food and Drug Administration (FDA) in November 2024** for the treatment of cardiomyopathy associated with wild-type or hereditary transthyretin-mediated amyloidosis (ATTR-CM).

Definition: Acoramidis is a transthyretin stabilizer that binds to the thyroxine binding sites of the transthyretin (TTR) protein, preventing its misfolding and subsequent amyloid deposition in cardiac tissue.

Uses: Attruby is indicated for adult patients with ATTR-CM to reduce cardiovascular death and cardiovascular-related hospitalizations.

Dosing Information: The recommended dosage of Attruby is 712 mg taken orally twice daily, with or without food. Tablets should be swallowed whole and not cut,



crushed, or chewed.

Interactions: Specific drug interaction studies for acoramidis are limited. Patients should inform their healthcare provider of all medications and supplements they are taking to assess potential interactions.

Pharmacokinetics: Detailed pharmacokinetic data for acoramidis are not extensively documented in the available sources. Generally, pharmacokinetics would include absorption, distribution, metabolism, and excretion parameters, which are essential for understanding the drug's behaviour in the body.

Pharmacodynamics: Acoramidis functions by stabilizing the TTR protein, thereby inhibiting its misfolding and the formation of amyloid fibrils that deposit in the heart. This mechanism slows disease progression and reduces related morbidity and mortality.

Adverse Effects: Common side effects reported with Attruby include diarrhoea and upper abdominal pain. Serious adverse reactions are rare but may include hypersensitivity reactions. Patients should seek medical attention if they experience signs of an allergic reaction, such as rash, itching, swelling, severe dizziness, or difficulty breathing.



ZIIHERA

Ziihera (zanidatamab-hrii) is a bispecific HER2-directed antibody that received accelerated **approval from the U.S. Food and Drug Administration (FDA) in November 2024** for the treatment of adults with previously treated, unresectable, or metastatic HER2-positive (IHC 3+) biliary tract cancer (BTC).

Definition:Ziihera is a humanized monoclonal antibody designed to target two epitopes on the HER2 receptor, enhancing its binding affinity and antitumor activity.

Uses:Ziihera is indicated for the treatment of adult patients with HER2-positive (IHC 3+) BTC that is unresectable or metastatic and has progressed following prior treatment.

Dosing Information: The recommended dosage of Ziihera is 20 mg/kg, administered as an intravenous infusion once every two weeks until disease progression or unacceptable toxicity occurs.

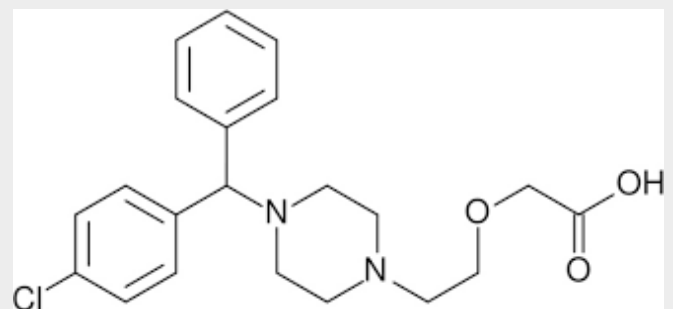
Interactions: Currently, there are no well-documented drug interactions for Ziihera. Patients should inform their healthcare

provider of all medications and supplements they are taking to assess potential interactions.

Pharmacokinetics: Detailed pharmacokinetic data for zanidatamab-hrii are not extensively documented in the available sources. Generally, pharmacokinetics would include absorption, distribution, metabolism, and excretion parameters, which are essential for understanding the drug's behaviour in the body.

Pharmacodynamics:Ziihera binds to two distinct epitopes on the HER2 receptor, leading to receptor internalization and degradation, inhibition of downstream signalling pathways, and induction of antibody-dependent cellular cytotoxicity (ADCC), resulting in antitumor effects.

Adverse Effects: Common adverse reactions include diarrhoea, infusion-related reactions, abdominal pain, and fatigue. Serious adverse reactions occurred in 53% of patients, with the most common being diarrhoea and infusion-related reactions.



ALUMNI TESTIMONIALS



As I reflect on my journey at DKCOP, I am filled with immense gratitude and nostalgia. I am forever grateful for the incredible memories, lifelong friendships, and top-notch education. My amazing faculty helped me discover my potential and achieve my dreams! Their dedication, expertise, and encouragement helped shape me into a confident and brilliant student. I cherish the memories of my time at DKCOP and appreciate the values and knowledge imparted to me. Thanks for being an awesome alma matter!

-T. GNANAMITHRA-2019 BATCH

I had a best journey with DKCOP from the year 2019 to 2023. It is a great pleasure to show my profound gratitude. Teaching doesn't only entail pouring out the academic stuffs but the way the lecturer conveys the concept and ideology behind the topic in relation to real life experience to the students, this they have thought to me in an excellent way.

-PRAGADEESHEWARI-2019 BATCH



My beautiful journey at Dr.Kalam College of Pharmacy.Hi, This is Ajmal. I had the privilege of spending six wonderful years at Dr.Kalam College of Pharmacy, where I completed both my D. Pharmacy and B. Pharmacy. From the beginning to the end of my journey, during my time here, I earned lifelong friends who became like family and had teachers who cared for us like parents. I hold countless cherished memories from this college, and I am grateful for every moment. Academically, I worked hard and had a fulfilling learning experience. The unwavering support, guidance, and motivation from my teachers played a vital role in helping me develop my skills and achieve my goals. My journey at Dr. Kalam College of Pharmacy has been an unforgettable chapter in my life. I am deeply thankful to God for blessing me with this incredible opportunity. Kalam is not just a college to me; it is the best part of my life, and I will always love and cherish it.

-Mr. J. Ajmal Khan- 2019 BATCH



"Do your best with what you have and where you are."





Dr. KALAM

COLLEGE OF PHARMACY

(Approved by PCI New Delhi & Affiliated to the Dr.MGR Medical University Chennai)

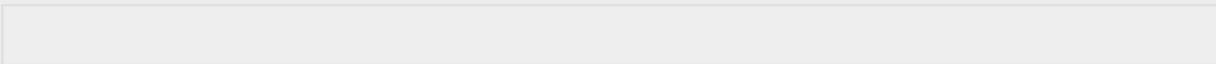
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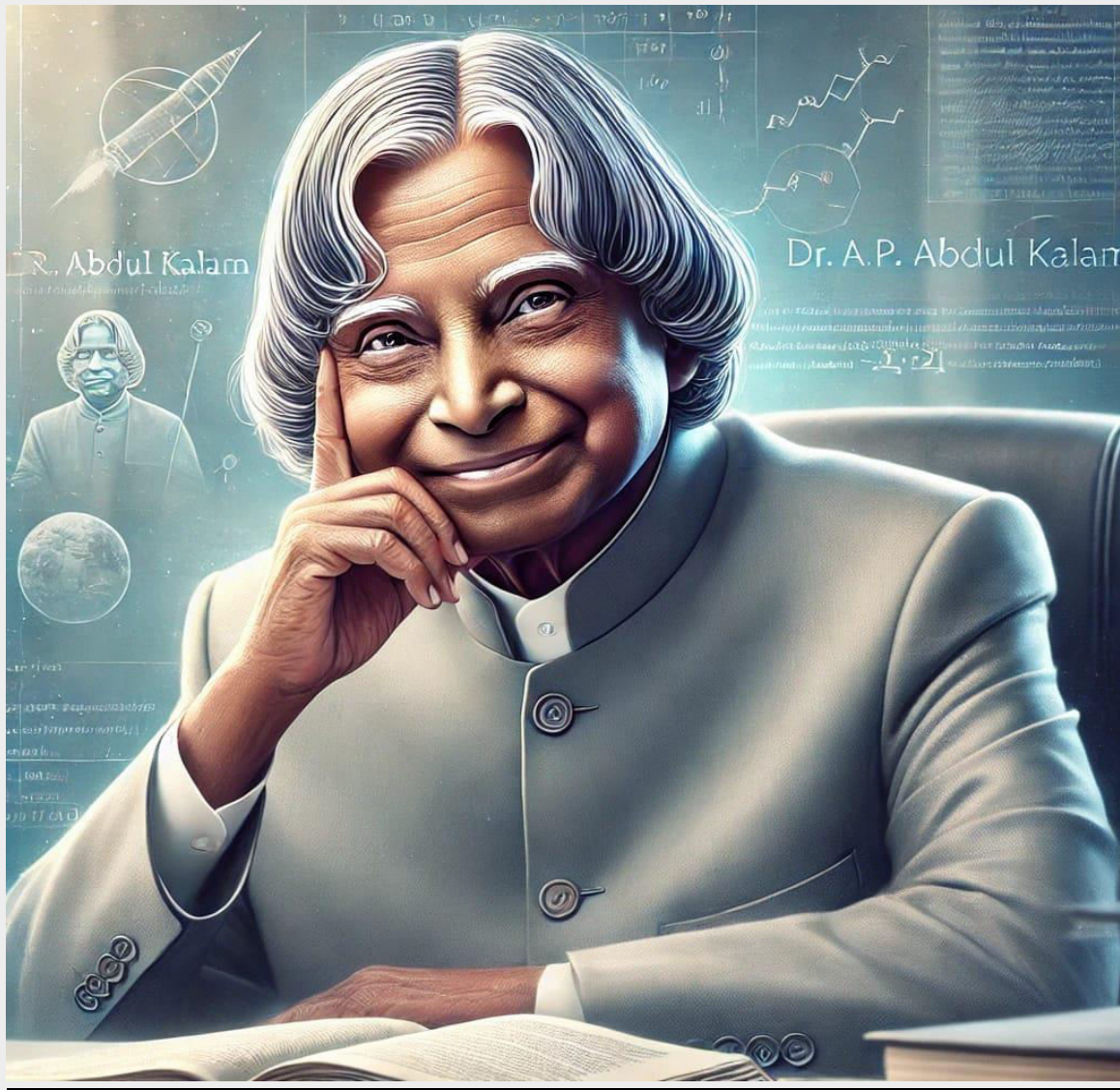
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