



# Dr.கலாம் கஸ்ஸூரி சிறகுகள்

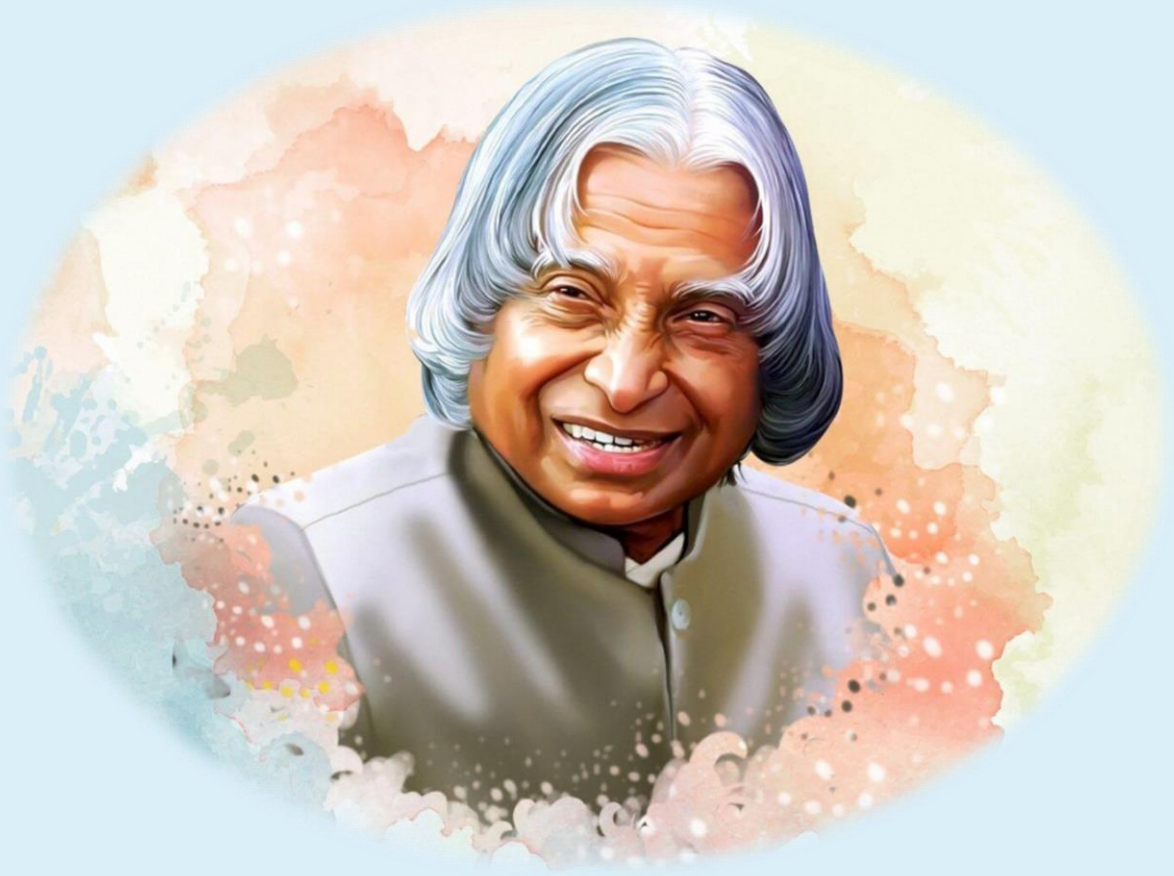
November 2023



**Dr. KALAM COLLEGE OF PHARMACY**  
**AVANAM, THANJAVUR (DT)**



**Dr.கலாம்  
கல்லூரி சிறகுகள்**



**Learning gives creativity, creativity leads to thinking, thinking provides knowledge, and knowledge makes you great.**

**Dr. A.P.J. ABDUL KALAM**

# EDITOR'S MESSAGE

Dear Readers,

It is with great pleasure and excitement that we present to you the inaugural 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



**AJMAL KHAN J**



**ABIRAMI T**



**SUHITHRADEVI .P**



**PRAGADEESWARI . S**



## **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 inaugural 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.

I encourage all readers to immerse themselves in the diverse content presented in Kalluri siragugal. May it inspire you, spark new perspectives, and foster a deeper connection to the intellectual heartbeat of our college.

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,  
Chairman,  
Dr. Kalam group of Institutions, Avanam**

# MESSAGE OF COMPLIMENT



I am immensely pleased to hear Dr. Kalam College of Pharmacy has come up with inaugural 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 Pharamcy 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**  
**Chairman and Managing Director**  
**Fourrts India Ltd, Chennai**

# **PRINCIPAL MESSAGE**



It is a matter of great pride and satisfaction that the students of E-Magazine committee of 2019 batch of Dr. Kalam College of Pharmacy, to bring out their first 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 5 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 endeavors.

**Dr. N.Anbalagan**

Principal & Professor

# HOD'S MESSAGE



**Dr. B. Parimaladevi**

Vice Principal & Professor  
Dept of Pharmacognosy



**Dr. V. Loganathan**

Professor & Head  
Dept of Pharmaceutics



**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 inaugural 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 Arathangi 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".

# ACADEMICS



## DID YOU KNOW?

Infrared Camera don't work on polar bears: Polar bears are experts in conserving heat. They have multiple levels to keep them cosy on the chilliest on arctic day.

## *Our Laboratory*

Our laboratory is equipped with the most modern, standard and sophisticated equipments with state-of-the-art facilities. A total number of 18 labs include 4 pharmaceutical chemistry labs, 4 pharmaceutics labs, 3 pharmacology labs, 1 pharmacognosy lab, 1 pharmacy practice lab, 1 machine room and 1 central instrumentation room ensuring our students achieve the best of practical knowledge with highly-qualified guidance.



## *Computer Lab*

The college has a well-equipped computer laboratory containing a sufficient number of computers with LAN and internet services as well as printers; Software's to learn basic computer applications, English communications and computer application in pharmacy including experimental pharmacology skills.



## *Library*

A well stocked fully computerized central library is the heart of the institution fully computerized and with various sections like reference section, periodicals section and stack area. Presently, there are more than 1500 books and reference volumes provided for the benefit of staff and students. It provides more than 700 volumes of books through Book Bank Scheme (General) and subscribes more than 80 specialized National journals, Newspapers; weekly and fortnightly magazines of repute are also available to enable the students to keep abreast of day-to-day trends in the country.

The Central Library subscribes eight online journal packages which covers 2789 online journals.



## *Pharmaceutical Museum*



Have you heard that?

Humans are the only species known to blush

The college have modern pharmacy museum composed with different drugs. They enrich student knowledge about up to date information on medicines.

# NSS ACTIVITIES

Our College has two units of NSS which have 100 volunteers. Our NSS units have been rendering social service such as medical camps, technical activities, awareness programmes, cleaning works, planting of trees, de-silting programmes, etc., With the goal to work for the betterment of society and to instill the spirit of social service among the young students, the NSS Unit is established in our College. Our NSS Unit aims at demonstrating the motto "NOT ME BUT YOU" in its day to day Programmes by effectively upholding the need for selfless service. Our NSS volunteers are being involved in various activities for the benefits of the institution as well as the students. They are working with social responsibility and for the development of the nation. They are having the spirit of service to fellowmen. We have succeeded in the past and we will continue to do so in the future also.

## Self-medication awareness rally



## 61<sup>st</sup> National Pharmacy week cancer awareness rally



**JEXT** – An automatic adrenaline pen injector used to treat anaphylaxis



# Yoga

Yoga is a group of physical, mental, and spiritual practices or disciplines which originated in ancient India. There is a broad variety of Yoga schools, practices, and goals in Hinduism, Buddhism, and Jainism. Among the most well-known types of yoga are Hatha yoga and Rāja yoga.

The origins of yoga have been speculated to date back to pre-Vedic Indian traditions, it is mentioned in the Rigveda, but most likely developed around the sixth and fifth centuries BCE, in ancient India's ascetic and śramaṇa movements. The chronology of earliest texts describing yoga-practices is unclear, varyingly credited to Hindu Upanishads and Buddhist Pāli Canon probably of third century BCE or later. The Yoga Sutras of Patanjali date from the first half of the 1st millennium CE, but only gained prominence in the West in the 20th century. Hatha yoga texts emerged around the 11th century with origins in tantra.

Yoga gurus from India later introduced yoga to the west, following the success of Swami Vivekananda in the late 19th and early 20th century. In the 1980s, yoga became popular as a system of physical exercise across the Western world. Yoga in Indian traditions, however, is more than physical exercise; it has a meditative and spiritual core. One of the six major orthodox schools of Hinduism is also called Yoga, which has its own epistemology and metaphysics, and is closely related to Hindu Samkhya philosophy.

Many studies have tried to determine the effectiveness of yoga as a complementary intervention for cancer, schizophrenia,



asthma, and heart disease. The results of these studies have been mixed and inconclusive, with cancer studies suggesting none to unclear effectiveness, and others suggesting yoga may reduce risk factors and aid in a patient's psychological healing process. On December 1, 2016, Yoga was listed as UNESCO's Intangible cultural heritage.



**“CELEBRATE YOGA  
DAY: STRETCH,  
BREATHE, AND FIND  
YOUR PEACE.”**

# Medical Camp

In Melanatham, Thanjavur District, Behalf of our College we conducted medical camp in that medical camp more than 500 People got benefited, we are thankful to our chairman Mr. J. Jayaseelan sir for being part of the Medical camp



A physician once said  
“The best medicine  
for humans is love.”  
Someone asked,  
“What if it doesn’t work?”  
He smiled and said  
“Increase the dose.”



# Gardening

The main moto of our College is,  
“Let’s join our hands to nature  
to have a better future”

Nearly our NSS team have planted 200 trees and saplings on environmental day, we joined hand for our better future, and we named garden as

Dr. V. SHANTA HERBAL GARDEN  
Maintained by B.Pharm and D.Pharm  
students.



# Sports

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 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, Hand Ball, Kho Kho, Kabaddi Badminton.

## State level sports meet

State level sports meet was conducted in United College of Pharmacy, Coimbatore on 25.07.2023. A contingent of around 60 members under the guidance of our management representative Mr. Ajit Daniel participated in various events like Volley ball, Cricket, throw ball and kabadi. Our College kabadi team emerged as runner up in meet. Participants in the other events competed with zeal and zest and made DKCOP proud.



# DKCOP in News papers

## வணக்கம் தமிழகம்

Email: thillaikural@gmail.com



Vanakkam Tamizhagam

RNI No. APTAM/2012/4564

தினசரி காலை நாளிதழ்  
Daily Morning News Paper



தஞ்சை மாவட்டம், பேராவூரணி வட்டம், ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியின் நாட்டு நலப்பணித்திட்டம் சார்பாக புற்றுநோய் விழிப்புணர்வு பேரணி நடைபெற்றது. பேரணிக்கு கல்லூரி முதல்வர்கள் என்.அன்பழகன், எம்.மதிவாணன் ஆகியோர் தலைமை வகித்தனர். ஏ.அஜித் தேவியல் முன்னிலை வகித்தார். புற்றுநோய் விழிப்புணர்வு பேரணியை பேராவூரணி வட்டார மருத்துவ அலுவலர் மருத்துவர், வி.சௌந்தராஜன் தொடங்கினார்.

MAKAL KURAL (Independent National Tamil Daily) 8 பக்கம் விலை ரூ.4.

## மக்கள் 50 ரூபாய்

நடுநிலை நாளேடு



### மாநில அளவிலான கபாடி போட்டியில் இரண்டாம் இடம் பெற்ற பேராவூரணி கல்லூரி மாணவர்களுக்கு பாராட்டு

பேராவூரணி, ஆக.3-

கோயம்புத்தூர் யுனைடெட் காலேஜ் ஆஃப் பார்மசி கல்லூரியில் மாநில அளவிலான யுனைடெட் ஃபார்மா டிராபி நடைபெற்றது.

இதில் தஞ்சை மாவட்டம் பேராவூரணி வட்டம், ஆவணம் டாக்டர் கலாம் காலேஜ் ஆஃப் பார்மசி கல்லூரியின் மாணவ மாணவிகள் கலந்து கொண்டு ஆடவர்களுக்கான கபாடி போட்டியில் மாநில அளவில் இரண்டாம் இடம் பிடித்து கோப்பையை வென்று கல்லூரிக்கு பெருமை சேர்த்தனர். இந்த போட்டியில் கலந்து கொண்டு வெற்றி பெற்ற மாணவர்களை கல்லூரியின் சேர்மன் ஜெயசீலன், நிர்வாக பிரதிநிதி அஜித் தேவியல், பார்மசி மற்றும் பாலிடெக்னிக் கல்லூரியின் முதல்வர்கள் அன்பழகன், மதிவாணன் மற்றும் துணை முதல்வர் பரிமளா தேவி மற்றும் துறை தலைவர்கள், உடற்கல்வி இயக்குனர்கள் பிரசாத், பாலமுருகன் குழந்தைவேல், ஆசிரியர் மற்றும் பேராசிரியர்கள், பேராசிரியைகள் மற்றும் அலுவலக உதவியாளர்கள் ஆகியவர்களும் பாராட்டுகளை தெரிவித்தனர்.

## தூதர் தந்தி

DAILY THANTHI வெண்க தமிழ்



டிப்ளமோ பார்மசி முதலாமாண்டு வகுப்பு தொடக்க விழாவில் சிறப்பு விருந்தினர்கள் கவுரவிக்கப்பட்டனர்.

ஆவணம் டாக்டர் கலாம் கல்லூரியில்

### டிப்ளமோ பார்மசி முதலாமாண்டு வகுப்பு தொடக்க விழா

பேராவூரணி, செப்.2- பேராவூரணி வட்டம் ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரியின் 2023-24 ஆம் ஆண்டுக்கான டிப்ளமோ பார்மசி மாணவ மாணவிகளை வகுப்பு தொடக்க விழா நடைபெற்றது. துறை தலைவர் டாக்டர் லோகநாதன் வரவேற்று பேசினார். விழாவில் கல்லூரியின் நிர்வாக பிரதிநிதி அஜித் தேவியல் தலைமை தாங்கினார். பார்மசி கல்லூரியின் முதல்வர் டாக்டர் அன்பழகன் முன்னிலை வகித்தார். இவ்விழாவில் சிறப்பு விருந்தினராக தமிழ்நாடு தனியார் பள்ளிகளின் சங்கத்தின் நிறுவனர் மற்றும் தலைவர் முனைவர் தூதர் கலந்து கொண்டு சூத்துவின க்கேற்றி மாணவ, மாணவிகளுக்கு பதனூட்டும் வகையில் சிறப்புரை ஆற்றினார். மேலும் கல்லூரியின் துணை முதல்வர் பரிமளா தேவி டாக்டர் கலாம் பாலிடெக்னிக் கல்லூரியின் முதல்வர் மதிவாணன் சிறப்புரை யாற்றினர். கல்லூரியின் துறை தலைவர்கள் மற்றும் நவநீதகிருஷ்ணன் விஜயன் விஜயராஜ் உள்ளிட்ட பலர் கலந்து கொண்டனர். முடிவில் கல்லூரியின் விரிவுரையாளர் ஆசிரியர்கள் ஆசிரியர்கள்

## மாலை எக்ஸ்பிரஸ்

புதுச்சேரி மற்றும் தமிழகம்

MAALAI EXPRESS தினசரி நாளிதழ்

### கலாம் பார்மசி கல்லூரி சார்பில் புற்றுநோய் விழிப்புணர்வு பேரணி



பேராவூரணி, பிப். 8-

தஞ்சாவூர் மாவட்டம், பேராவூரணியை அடுத்துள்ள ஆவணம் டாக்டர் கலாம் பார்மசி கல்லூரி நாட்டு நலப்பணி திட்டம் சார்பில் புற்றுநோய் விழிப்புணர்வு பேரணி நடைபெற்றது.

பேரணிக்கு கல்லூரி முதல்வர்கள் என். அன்பழகன், எம்.மதிவாணன் தலைமை வகித்தனர். நிர்வாகி ஏ.அஜித் தேவியல் முன்னிலை வகித்தார். பேராவூரணி வட்டார மருத்துவ அலுவலர் டாக்டர் வி.சௌந்தராஜன் கலந்துகொண்டு விழிப்புணர்வு பேரணியை கொடியசைத்து தொடங்கி வைத்தார்.

இந்தப் பேரணியில், புகை உயிருக்கு பகை, கையிலையை நாடாதிர், புற்றுநோயை தேடாதீர்,

பாள் மசாலா மற்றும் போதை பொருட்களை உபயோகிக்காதீர், புற்றுநோய் தொற்றுநோய் அல்ல என்பன போன்ற விழிப்புணர்வு வாசகங்கள் அடங்கிய அட்டைகளை கையில் ஏந்தி, முழுக்கங்கள் எழுப்பியவாறு பேரணியில் மாணவ, மாணவிகள் கலந்துகொண்டனர். இப்பேரணி திருச்சிற்றம் பலம் முதல் செருவாவிடுதி வரை நடைபெற்றது. இதில், 15க்கும் மேற்பட்ட நாட்டு நலப்பணித் திட்ட மாணவ, மாணவிகள் கலந்து கொண்டனர்.

மேலும், கல்லூரியின் துணை முதல்வர்கள், துறை தலைவர்கள், பேராசிரியர்கள் மற்றும் நாட்டு நலப்பணித் திட்ட அலுவலர்கள் ராஜ் குமார், சரவணன் உள்ளிட்டோர் கலந்து கொண்டனர்.



# CO-CURRICULAR ACTIVITIES

## Webinar

On August 4<sup>th</sup> 2023, Dr. Sumathi Rao, Director, Analytical Research & Quality, Hibrow Healthcare Ltd, Chennai delivered a lecture on Gas Chromatography. Students gained knowledge about Chromatogram, Elution Process, Calibration and Validation

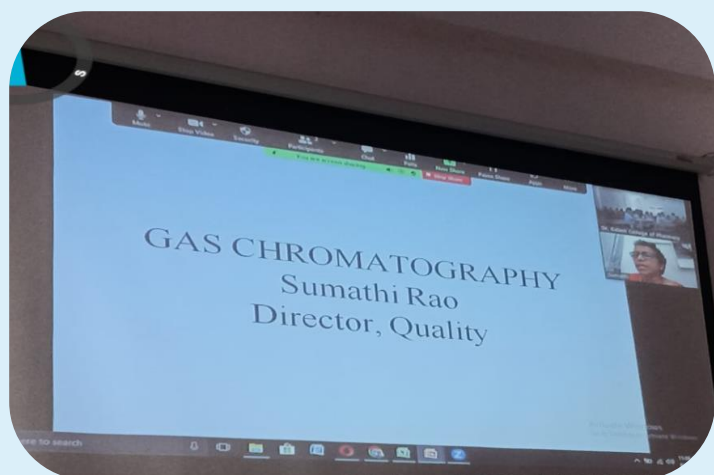


**DID YOU KNOW?**



## Seminar

On account of Cancer awareness week at Anna University, Trichy a seminar on the theme GCORT'23 was conducted which is based on the topic of GLOBAL COMMUNICATION ON ONCOLOGY RESEARCH & THERAPY". In this seminar our college students 14 members took part. From the seminar our students got the knowledge about the diagnosis, Therapy, Treatment and Prevention of cancer.

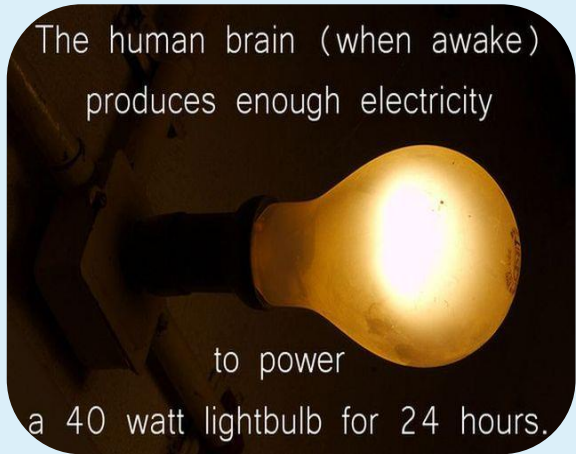


# Workshops



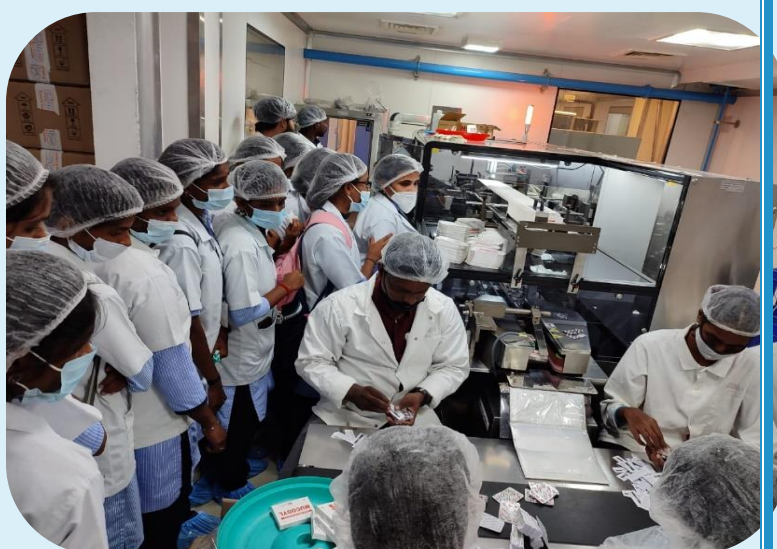
On August 11th 2023, hands on training was conducted for final year B. Pharm students. This programme was conducted by J. Rajesh Sr. Manager & Head- analytical research and development, Fourrts (India) laboratories Pvt, Limited, Chennai. He provided the information on dissolution and UV spectrum analysis.





## Industrial visit

2018 and 2019 batch B. Pharm students went for Industrial visit under the guidance of our staffs and management representative. Students had a visit to Sai Mirra InnoPharm, Fourrts India, Chennai. Students acquired knowledge about Production, Analysis, HPLC, Packaging, etc..



This Industrial Visit given a good experience and exposure to our students.

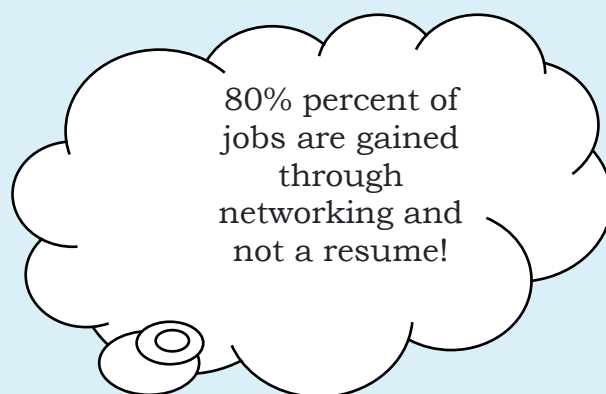
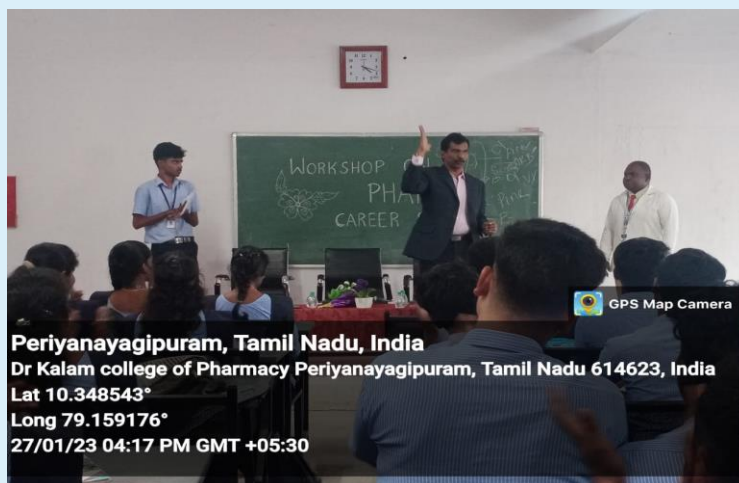
## Did you know?

The average person has 67  
different species of bacteria in  
their belly button



# Career Guidance

DKCOP is very keen in guiding the students to choose a right path after completion of their course, in this regard we organised a career guidance workshop entitled “Workshop on Pharma Career Skills” for final B.Pharmacy students on 27<sup>th</sup> January 2023. Mr. P. Anavarathamani, B.Pharm, MBA., Business and Inspirational Coach, Founder and CEO of Sellwell was the resource person, who enthralled the students with his inspirational talk.



# Placements

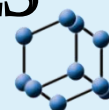


Our college has a unique and distinct advantage as our chairman is a well-known and highly welcomed entrepreneur who owns many pharmaceutical industries in India. His vision is to provide quality education and excellent training that suits the current industrial requirements for students from varied 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.

## OUR CAMPUS PLACEMENTS



# FACULTY RESEARCH ARTICLES



**BENTHAM  
SCIENCE**

## Research and publications

### 2023

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

Estimation of rutin-loaded chitosan sodium alginate nanoparticles in rat plasma using a chemometrics assisted bioanalytical high-performance liquid chromatography method, Separation Science plus; 2200138 (2023). (Wiley Publishers). Indexed in Web of science.

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

Protective role of Vernonia Cinerea against the Carmoisine induced brain injury and anxiogenic effect in mice. Egyptian Journal of Basic and Applied Sciences (2023). (Taylor & Francis publishers). Indexed in Scopus.

**Dr.S.Navaneethakrishnan**,

HOD, Dept of Pharmacology

Neurocognitive and neuroprotective potential of Mimosopselengi in mice model of scopolamine-induced amnesia, Drug Discovery (2023).

### 2022

**Dr.B.Parimaladevi**, Vice Principal

Curcumin : An overview. Journal of medicinal plants studies.10 (05):4-08.(2022).

**Dr.S.Navaneetha krishnan**, HOD, Dept of Pharmacology

Green Synthesis of Silver Nanoparticles of Vernonia cinerea Leaf Extract and their In vitro Cytotoxicity Activity against Neuroblastoma SHSY-5Y Cell Lines, Antimicrobial and Antioxidant Studies. Recent Patents on Nanotechnology (2022). (Bentham publishers).

**Dr.S.Navaneethakrishnan**, HOD, Dept of Pharmacology

Efficacy of gabapentin for low back pain at a tertiary hospital: A prospective observational study. J Acute Dis; 11(3): 101-106, (2022).

### 2021

**Dr. S. Navaneethakrishnan**, HOD, Dept of Pharmacology

Anti-fertility and antisteroidogenic activity of Clerodendrum serratum in mature male rats. Istanbul J Pharm 51 (2): 212-220. (2021). Indexed in Scopus.



Scopus

# FACULTY ACCOMPLISHMENTS



**Dr. S. Rajkumar, Associate Professor, Dept of Pharmaceutical Chemistry** was conferred doctoral degree at Anna University, Chennai by Hon'ble Governor of Tamil Nadu Mr. R.N. Ravi

## Faculty as Resource persons

1. **Dr. S.Vijayaraj, Professor** served as resource person in a FDP program organised by School of Pharmacy, Vels University Chennai during February 2023.
2. **Dr. S.Vijayaraj, Professor** served as Resource person for a value added course organised by Amity School of Pharmacy, Amity University, Lucknow, UP during September 2023.
3. **Dr. S.Vijayaraj, Professor** chaired a session in international conference organised JSS College of Pharmacy, Ooty during November 2023.
4. **Dr. S. Navaneetha Krishnan, Professor** served as Animal Ethics committee member and represented IAEC meetings held at Periyar College, Trichy, Meenakshi Sundaresan College, Thanjavur and Sri Padmavathi School of Pharmacy, Tirupati.

## Our Faculty at conferences/seminars

1. **Dr. V. Loganathan, Professor**, participated in two international workshop on recent advances and developments in transdisciplinary research organised by Seven hills College of Pharmacy, Tirupati during July 2023.
2. **Dr. V. Loganathan, Professor, and Dr. S. Vijayaraj, Professor** participated in eFDP program on faculty innovation and protection strategies organised by Seven hills College of Pharmacy, Tirupati during July 2023.

3. **Dr. S. Rajkumar, Associate Professor** has participated in Global colloquium on oncology research organised by Anna University , Trichy during Feb 2023.
4. **Dr. S. Rajkumar, Associate Professor** has participated a National level workshop on Nuclear Magnetic Resonance organised by Dept. Of Chemistry Gandhigram Rural Institute, Gandhigram.
5. **Dr. S. Rajkumar, Associate Professor** participated in National level symposium on Repertoire of Organic synthesis on captivating analysis held at NIT, Trichy during November 2023.
6. **Dr. S. Vijayaraj, Professor and Dr. S. Rajkumar, Associate Professor** has participated in seminar on “Emerging trends computer aided drug discovery” held at Periyar College of Pharmaceutical Sciences, Trichy.
7. **Dr. S.Vijayaraj, Professor** participated in AICTE sponsored workshop on Emerging aspects in analytical science and techniques organised by seven hills college of Pharmacy, Tirupati during April 2023.
8. **Dr. S. Vijayaraj, Professor** attended a National level online FDP program n Research Methodology using ChatGPT & AI tools and Funding Opportunities for Research, organised by the Marian College Kuttikanam (Autonomous), in association with The Kerala State Higher Education Council (KSHEC) during November 2023.

## Patent

1. **Dr. S.Vijayaraj, Professor** has filed a Indian patent entitled “A Composition of Extract of *Nyctanthes Arbor-Tristis* Linn For Ameliorating Cognitive Processes”(P.No: 202321061758) during October 2023.





# PROGRAMS AND FUNCTIONS

## Induction programs



Induction program for the students of B.Pharm and D.Pharm was organised at DKCOP. Dr. G. Sridhar, Private School association president, Peravurani was the chief guest for D.Pharm induction ; Mr. Pandian, General Manager, Sai Mirra Innopharm Pvt Ltd, Chennai was the chief guest for B.Pharm induction program. Students and parents of 2023 batch participated in the event.

## World Pharmacist Day Celebrations 2023

On September 25<sup>th</sup> 2023

“World Pharmacist day” was celebrated in our College. Students of 2020 batch performed a skit on the theme of “ORGAN DONATION”

The occasion was graced by the presence of **Dr.S.Ravikumar**, Assistant director at drugs Control (Retd) as chief guest.



# Independence Day Celebrations

On August 15<sup>th</sup> 2023, The theme for this year's Independence Celebration is "Nation first, Always First". This theme is in line with the Government's focus on national unity and development. Chief guest Mr. Ajit Daniel, Management representative hoisted the tricolour flag.



Our College Students delivered a speech about freedom, liberty, and competition are conducted and distribute the prizes to the winners.

**"The future depends on what you do today."**

# Hostel Day Celebrations

Every year Hostel day is celebrated in our college Campus by all the hostellers. In this day each invites their friends as their guest. Dance, Drama, Singing, Hostel Toppers Price Distribution, farewell moment and many more Programmes are performed by the students.



"Hostel life: where the Wifi is weak,  
But the friendships are strong"



# PONGAL CELEBRATION- 2023



The Pongal celebration was organized by the management of Dr. Kalam's institution, and the function was coordinated by B.Pharm 2018 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.



## **IMMORTAL PHARMA**

Students unveiled the wrapped poster containing the phrase "IMMORTAL PHARMA" All the students and faculties got astounded on the sight of the poster.



# BID ADIEU

A farewell is an expression of good wishes to people who are leaving an institution. 2019 batch B.Pharm Students organized farewell on Feb-2023 to bid good bye and good luck to our very own first batch of DKCOP.



*“When the world is so complicated*

*The simple gift of friendship is*

*Within all of our hands.”*

## ZOLGENSMA

The article is about world most expensive drug, Zolgensma- Onasemnogene abeparvovec- a rare drug for rare disease (SMA-Spinal Muscular Atrophy)used for genetherapy and the cost is around 16 crores.These breakthroughs present a big challenge-how do you value and pay for a one time therapy that provides a lifetime benefits to the patients.

### INTRODUCTION:

Zolgensma was developed by the Swiss drugmaker NOVARTIS in 2018 to treat Spinal Muscular Atrophy (SMA).It is made up of a new working SMN(Survival Motor Neuron) Gene.Zolgensma is a gene therapy approved by the US FDA

### WHAT IS SMA?

Spinal Muscular Atrophy (SMA) is a group of hereditary diseases that progressively destroys motor neurons.

Destruction of motor neurons leads to muscle weakness and atrophy (decrease in size or wasting of body tissue or organ)

### TREATMENT

This involves replacing the problem SMN1 gene

It is used for children under 2 years

Route of administration is through IV infusion

DOSE-5.5ml for ONE TIME TREATMENT

### WHY ZOLGENSMA IS SO EXPENSIVE?

It costs roughly around 16 crores in INR

“This deal is a life changer for youngsters with this cruel disease and for their families” said NHS England chief executive Sir Simon Stevens

“The disorder is rare and that is why we needed a highly specialized drug. The expertise required to make it and the research around it has taken very long. **It is also a onetime dose; the fewer the cases the higher its price will Be ,”said Desai .**



S. Pragadeeswari  
IV year B.Pharm  
(2019 Batch)

# "CREATIVITY IS INTELLIGENCE HAVING FUN"



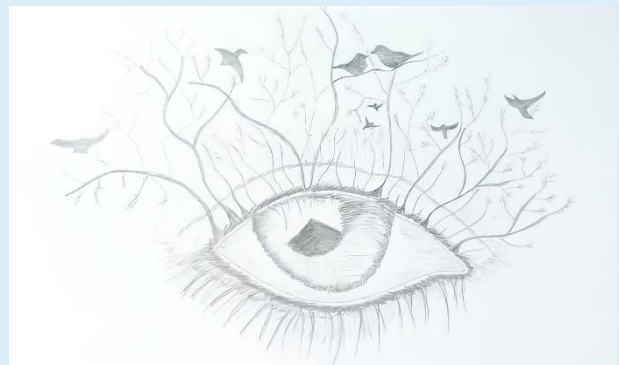
I like the beauty of  
physics, nature is  
beautiful, it is my second  
soul to music

"The eye is pleased when  
nature stoops to art..... We  
do not see nature with our  
eyes, but with our  
understandings and  
our hearts."



"The most beautiful gift of nature is that  
it gives one pleasure to look around and  
try to comprehend what we see."

-BY SATHYA M  
IV YEAR B.PHARM  
(2019 BATCH)



## கல்லூரி வாசம் கடைசி நாள் வீசும்.....

உயர்கல்வி படிக்கத்தான்  
வான் உயர பறக்கத்தான்  
ஊர்க்குருவி நாங்கள் தான்  
ஊர் விட்டு வந்தோமே  
கல்லூரி வாசல் மிதித்தோமே...

ஓர் கூட்டில் (Dr.Kalam College of Pharmacy) வளர்த்து விட்டு  
சொந்த பந்தம் கொடுத்து விட்டு  
ஆசாபாசம் காட்டிவிட்டு  
சிறகு முளைத்ததென்று  
பறக்கச் சொன்னால்  
என் செய்வோம்....



வியாபார உலகமிது  
தராசு முள் விழிகள் கொண்டு  
குத்திப் பேச காத்திருக்கிறது  
கல்லூரி விட்டு வெளியேற மனம் வருமா...

கடைசி நாள் கரையும் முன்னே  
இதழ்கள் விரித்து சில நொடியை  
சேர்ந்தே பிடித்தோம் புகைப்படத்தில்..  
கல்லூரி கடந்த பின்னும்  
புகைப்படம் காணும் நேரம்  
கல்லூரி வாசம் வீசும்.....

கண் இமைக்கும் நொடிக்குள் முடிந்ததே  
கல்லூரி பயணம்...

முடியாமல் தொடருதே நினைவு என்னும் பயணம்...  
கண்களில் சிறுதுளி ஈரத்துடன்  
நன்றி சொல்லும் தருணம்...

தெரிந்தும் தெரியாமலும் செய்த  
சிறு தவறுகளுக்கு மன்னிப்புக்கூறி விடைபெறுகிறோம்



# JOURNEY OF LEARNING

## **SUCCESS becomes failure when you take MISGUIDED APPROACH**

We focus on weaknesses rather than strengths

We aim to eliminate failure, but we fail to realize how difficult and painful it is to persevere

We try to conquer and dominate people, but we do not consider that they can liberate and raise again, like the sun at one point.

## **FAILURE BECOMES SUCCESS WHEN YOU HAVE POSITIVE ATTITUDE TOWARDS LIFE.**

The lamp with an oil and cotton wick can remove darkness from room.

Equally, A person with positive approach can demolish the negativity and inferiority complex and build superiority within us.

## **Job becomes passion when you have deeper vision**

### **Responsibilities of teachers according to microbiology**

**Isolation-** Isolating the students by their potency

**Inoculation –** Inoculating the knowledge of subject

**Incubation –** Incubating and creating the comfort zone around the students

**IDENTIFICATION-** Helping to identify their area of interest.

-BY

**R.VINITHA, M.Pharm,**

**Assistant Professor,**

**Dept. of Pharmaceutical Microbiology**





# NEW DRUG PROFILE

## What is Agamree?

**Definition:** Agamree (vamorolone) is a novel corticosteroid used to treat Duchenne muscular dystrophy (DMD) to improve motor function with a potential of a reduction in adverse events such as bone health, growth rate, and behavior.

**Uses:** Agamree has anti-inflammatory and immunosuppressive effects that work (mechanism of action) through the glucocorticoid receptor, although the exact way it works for DMD is unknown.

**Dosing information:** The usual Agamree dosage: 6 mg/kg taken orally once daily, preferably with a meal, up to a maximum daily dosage of 300 mg for patients weighing more than 50 kg.

**Interactions:** Other drugs may affect Agamree, including prescription and over-the-counter medicines, vitamins, and herbal products. Tell your doctor about all your current medicines and any medicine you start or stop using.

Tell your doctor if taking itraconazole, a strong CYP3A4 inhibitor, as the drug interaction will increase Agamree levels.

**Side effects:** The most common Agamree side effects are cushingoid features, psychiatric disorders, vomiting, weight gain, and vitamin D deficiency, these side effects affected more than 10% of patients and more than the placebo group.

# What is Jaypirca?

**Definition:** Jaypirca is a prescription medicine used to treat adults with mantle cell lymphoma (MCL).

Jaypirca belongs to the class of drugs called Bruton's tyrosine kinase (BTK) inhibitors. BTK is a molecular target found across numerous B-cell leukemias and lymphomas including mantle cell lymphoma.

**Uses:** Jaypirca is used to treat adults with mantle cell lymphoma (MCL) that has come back (relapsed) or did not respond to previous treatment (refractory), and who have already received two or more treatments for their cancer, including a covalent Bruton tyrosine kinase (BTK) inhibitor medicine.

**Dose:** 200 mg orally once daily

- Take Jaypirca tablets exactly as your healthcare provider tells you.
- Do not change your dose or stop treatment unless your healthcare provider tells you to do so.

- Take the tablets one time each day at about the same time each day.

**Interactions:** Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Taking Jaypirca with certain other medicines may affect how Jaypirca or the other medicines work and can cause side effects.

Jaypirca may also interact with grapefruit juice, though the effect varies widely among brands.

## Side effects:

- Infections can happen during treatment with Jaypirca.
- Bleeding problems (hemorrhage) can happen during treatment with Jaypirca and can be serious and may lead to death.
- Decrease in blood cell counts
- Heart rhythm problems (atrial fibrillation and atrial flutter) have happened in people treated with Jaypirca
- Second primary cancers

திருக்குறள்



உற்றவன் தீர்ப்பான் மருந்துழைச் செல்வானென்று  
அப்பால் நாற் கூற்றே மருந்து.

குறள் எண் - 950, பால் - பொருட்பால், இயல் - நட்பியல்,  
அதிகாரம் - மருந்து

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