



SCOPS CURATIVES

ASCEND FROM ASHES, CONQUER ALL

PUBLISHED FROM:

K.V.S.R SIDDHARTHA COLLEGE OF
PHARMACEUTICAL SCIENCES

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KVSr SIDDHARTHA
COLLEGE OF PHARMACEUTICAL SCIENCES

(Sponsored by Siddhartha Academy of General & Technical Education)

(Autonomous)



SCOPS CURATIVES

VOL I, EDITION I

ASCEND FROM ASHES, CONQUER ALL

Principal's corner



Prof. Dr. A. Suneetha
Principal, HoD Department Of
Pharmaceutical Analysis

It is a moment of immense pride and joy as Kommareddy Venkata Sadasiva Rao (KVSR) Siddhartha College of Pharmaceutical Sciences completes thirty successful years of academic excellence and contributions to the field of pharmaceutical education and research. Since its inception, our institution has remained steadfast in its mission to provide quality education, foster innovation, and equip students with the skills necessary to meet global standards in the ever-evolving pharmaceutical sector.

Our dedicated faculty members have made significant contributions to research, with numerous publications in esteemed national and international journals. Their active participation in conferences, seminars, and research collaborations with R&D institutions and industries has further strengthened our academic and research foundation. The college takes pride in organizing guest lectures, workshops, and seminars, ensuring that our students stay updated with the latest advancements in the field.

Beyond academics, we emphasize the overall development of our students by encouraging participation in co-curricular and extracurricular activities, nurturing their interpersonal and communication skills, and preparing them to excel in their professional journeys.

As we celebrate this remarkable milestone, I extend my sincere appreciation to our faculty, administrative staff, students, and well-wishers who have contributed to making KVSR Siddhartha College of Pharmaceutical Sciences one of the premier pharmacy institutions in Andhra Pradesh. I am confident that with continued dedication and excellence, we will achieve even greater heights in the years ahead.

Editorial board



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Assistant Professor
EDITORIAL ADVISOR



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EDITORIAL ADVISOR



**B. SAI SUTEJ, V PHARM D,
CHIEF EDITOR**

Living with dromomania and koinophobia, I embrace change and seek balance in every experience I pursue. A passionate traveler with a love for exploring the world, I have an innate curiosity that drives my journey through life. Alongside my wanderlust, I'm drawn to the creative worlds of painting and cooking, constantly seeking new ways to express myself.

"I forge my own way and live by my own terms—my life, my rules, and no one else's."



**V.N.S.V.D.NIHARIKA, V PHARM D,
LITERARY SECTION EDITOR**

Creativity is my language, and Uniqueness is my signature because ORDINARY WAS NEVER MEANT FOR ME!!!... I see art in everything, music in silence, inspiration in the unnoticed, beauty in the imperfect, and depth in the smallest moments. Overthinking fuels my depth, while my passion for originality drives me forward. In a world filled with repetition, I believe in being true to myself.

"Be yourself; everyone else is already taken." — Oscar Wilde



**N. JONUS EVANGEL, V PHARM D,
LITERARY SECTION EDITOR**

My name is Jonus, and I like to take life at my own pace, lazy when I can be, productive when I need to be. I have a knack for getting things done, even if it's not always in the most conventional way. Whether it's finding the perfect street food, getting lost in anime, or staying up way too late writing, I enjoy the little things. Efficiency is my secret weapon, why rush when I can get it done just in time?

You guys seem to like that quotation stuff so here's a cool quote: "If a woman made you a better person, I wouldn't want to know what you were like before"



**K. INDU, IV B.PHARMACY,
ART & DESIGN EDITOR**

Imagine a canvas with creativity, curiosity, and passion that's me I am INDU, a vibrant and lively 20-year-old with a quick wit and an infectious laugh. I have a knack for brightening up any room with my cheerful presence, While I may be wise beyond my years, I believe in living with joy, laughter, and a little mischief along the way. I'm always up for a challenge and never say no to trying something new. Every moment is a new thread in the intricate tapestry of me, waiting to be woven into the rich narrative of my life. I navigate the world with an insatiable hunger for new experiences.



**R. BHARGAVI, IV B.PHARMACY,
ACADEMIC SECTION EDITOR**

I'm a warm and energetic individual with a contagious smile. With a perfect blend of maturity and playfulness, I bring a spark to everything I do. My cheerful nature and optimistic outlook on life make me a joy to be around. I'm passionate about spreading positivity and making a difference in the lives of those around me."



**SRI RAMYA R.V.S., III B.PHARMACY,
ACADEMIC SECTION EDITOR**

I'm a bookworm at heart, always finding solace and excitement in the pages of a good book. When I'm not reading, I express myself through dance, letting the music guide my every movement. Music is something that keeps me going, fueling both my creativity and my energy. Despite my love for the arts, I'm also a workaholic, constantly driven to achieve and give my best in everything I do.

"Never trust anything that can think for itself if you can't see where it keeps its brain."



**M. SOHITHA, III B. PHARMACY,
ACHIEVEMENTS AND EVENTS EDITOR**

I'm a person with a simple yet complicated palate.

With a heart that craves adventure and a taste for the finer things in life, I'm a curious explorer who loves to cook, savor new flavors, and document life's journey through journaling. Traveling is my passion, and I'm always eager to discover new destinations, immerse myself in different cultures, and collect unforgettable memories along the way.



**M. CHERISHMA, II B. PHARMACY,
ACHIEVEMENTS AND EVENTS EDITOR**

I'm someone who tries to stay upbeat and positive even with my tendency to overthink. One of my favorite ways to relax is by getting lost in a good novel, it helps me explore and feed my curiosity. To me, the characters aren't just fictional, they're people from different worlds who help guide me through mine. I enjoy listening to music and I also journal when I'm not procrastinating.

"You think too much, Just focus on doing what you want to do" Someone from another world



**R. BALA SIVA SANKHAR, III B. PHARMACY,
PHOTOGRAPHER/VIDEOGRAPHER**

"I'm a sparkplug of energy and enthusiasm, always ready to ignite the excitement! Sports are my passion, and I live for the thrill of competition, the rush of adrenaline, and the joy of teamwork. I'm a team player, a game-changer, and a force to be reckoned with – on and off the field!"



**P. ROHITH KUMAR, III B. PHARMACY,
PHOTOGRAPHER/VIDEOGRAPHER**

I'm a passionate photographer and videographer, capturing life's fleeting moments with a creative eye. I blend storytelling and art in every frame, focusing on the beauty in the everyday and delivering stunning visuals that speak louder than words.

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FROM HUMBLE BEGINNINGS TO UNIMAGINABLE WEALTH: MEET HYDERABAD'S RICHEST MAN, MURALI DIVI, PIONEER IN PHARMACEUTICAL APIS

Overcoming adversity is not everyone's cup of tea, however, there are a rare few who possess the amazing ability of not only defeat adversity, but emerge stronger. One such example is Dr. Murali Krishna Prasad Divi, a Hyderabad-based business tycoon, who once failed to clear his Class 12th and later established a major pharmaceutical company, which is today valued at a whopping Rs 1.53 trillion (Rs 1,53,00,000,000,000 crore).

Murali Krishna Prasad Divi is the founder and managing director of Divi's Laboratories, a Hyderabad-based pharmaceutical company, which came to the limelight during the Covid-19 pandemic when demand peaked for anti-viral drug Molnupiravir. The company's rapid success led to Murali's wealth surging by several billion US dollars, making him the richest man in Hyderabad.

WHO IS MURALI KRISHNA PRASAD DIVI?

Murali Krishna Prasad Divi was born in a financially-challenged family in a small village in Andhra Pradesh's Krishna district. His father late Divi Satyanarayana, who was secretary of a zilla parishad in the Krishna district of Andhra. Although Satyanarayana worked as a government employee, his fam-

ily grew produce on its farms. Most of it was grown without the use of pesticides "because they were not available to begin with", Being the youngest of thirteen siblings, Murali faced a tough childhood and his education was also affected, but he remained determined and was one of the very few in his village at the time, to pursue higher studies.

During his early years, Murali faced several setbacks in his academic journey, Not only did Dr Divi flunk his 12th exam, he also failed to clear his first year BPharm exam.

Having tasted failure, he aced his BPharm with distinction, followed by M Pharm and joined Warner Hindustan as a trainee in 1975.

Soon he got an opportunity to work with Uniloids, the maiden entrepreneurial venture of Dr Kallam Anji Reddy, who quit Indian Drugs & Pharmaceuticals Ltd to turn entre-



preneur. Soon a restless Dr Divi decided to head to the US to try his luck with just USD 7 in his pocket. "In those days that was all the foreign exchange you could carry abroad," he says.

He used this credential to apply for a US visa and landed in San Antonio, where he worked as a chemist, accompanied by his wife and son. After almost a decade in America, Divi said he was struck by a thought: "What am I doing here so far away from my family?" They returned to India shortly after.

TURNING POINT IN LIFE

After getting back from the US, Dr Divi entered into partnership with Dr. Kallam Anji Reddy and acquired Cheminor Drugs in 1984.

He joined as a director on the board of the newly formed Dr Reddy's Laboratories in 1984. Murali Divi stepped in and changed all that. Hired a crew of fresh graduates and trained them in the chemistry skills needed to revive the firm. His team included organic chemists Ramesh Babu Potluri, TVVSN Murthy, NV Ramana and G Hemanth Kumar. They worked on developing a cost-effective manufacturing process for the

API, ibuprofen. A year down the line, the team had set up a production line for ibuprofen, which was soon scaled up to 1,200 metric tonnes a year, catering to about 25 percent of the global market demand for the compound. "They said, 'This guy comes from the US. Dr Anji Reddy and Murali think they can make it like IDPL.' We kept quiet. Of course, we turned it around." Murali Divi is credited with managing the entire research and development effort at Cheminor while Reddy handled business development. But more relevant was Murali Divi's skill with people. Potluri, who is now founder chairman of SMS Pharma (a Rs 550 crore company), recalls how well his former boss and mentor treated his employees, even visiting the homes of junior staff when they faced problems.

A WORKAHOLIC BOSS

According to Potluri, on a typical day, Murali Divi would turn up at 7.30 in the morning at his office in Hyderabad, work continuously till lunch and then spend the rest of the day at the manufacturing plant to monitor the production line. He would remain at the plant till midnight, ironing out kinks in the production process and handholding his employees through any "chemistry problems", says Potluri. "The impact of this [style of functioning] was great. When he left Cheminor in 1990, almost 125 people resigned the same day.

When Forbes India asked Murali Divi why he quit, he says, "Perhaps because I was destined to become chairman of my own company rather than remaining managing director elsewhere." Murali Divi then went on to start his new venture, Divis Laboratories, in 1990.

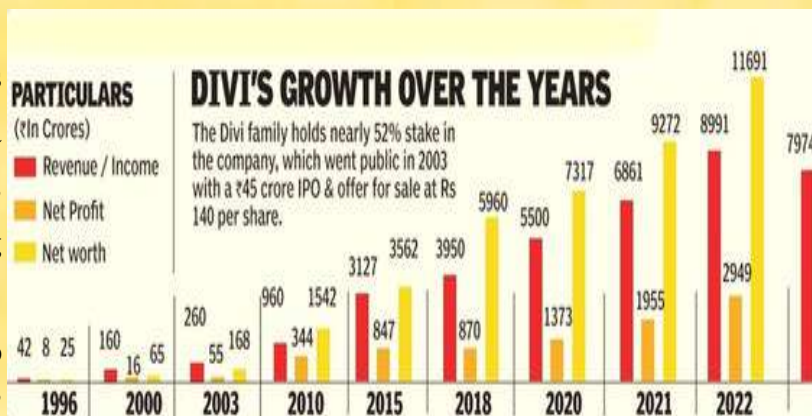


THE RISE OF DIVI'S LABORATORIES

In 1990, Dr Divi established Divi's Research Centre Pvt Ltd, which provided technology and consulting services to other pharmaceutical companies, and after four years, Divi's Research Centre would become Divi's Laboratories as Dr Murali invested a large fraction of his savings to set up a state-of-the-art API plant in Nalgonda.

The initial business plan was to focus on custom synthesis—manufacturing small, custom quantities of a drug for use in clinical trials and laboratory experiments by big pharma companies. But international pharma giants were wary of outsourcing to India; finding customers proved hard for Divis. “We repeatedly knocked on their doors, asked them to visit and invest in outsourcing from India,” Murali Divi says. As he worked towards building relationships with potential clients, he decided that Divis would generate revenue by manufacturing APIs, a lower margin busi-

ness, but one it could easily enter given his previous experience at Cheminor. The research team began with Naproxen, the ingredient in a popular anti-inflammatory drug. He turned to newer, greener technologies that used enzymes instead of chemicals as catalysts and devised an efficient production process for Naproxen. Today, Divis Laboratories is one of the world's largest manufacturers



ness of Naproxen.

However, despite its early success, Divi's Laboratories faced a major challenge in 2017 when the US Food and Drug Administration (FDA) imposed restrictions on Visakhapatnam factory. The restrictions were lifted after 6 months, providing relief to Divi's Labs and its founder Dr Murali.

In the last one year, the stock price of his company, Divis Laboratories, has risen by 75 percent. It ended its June quarter this year with a 38 percent operating margin in an industry that averages over 20 percent.



K.INDU ,4TH B PHARMACY

2024

CALENDER

JANUARY

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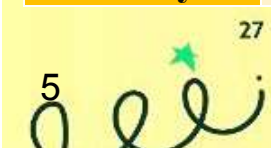


Dates	Events		
January			
06/01/2024	Krishna university table tennis tournament	 	
10/01/2024-11/01/2024	Sankranthi sambaralu 2k24	   	
26/01/2024	Republic day {kvsr}		
26/01/2024-29/01/2024	Freshers day for batch 2023	   	
February			

27 28 29 30 31

24 25 26 27 28 29 30

29 30 31





01/02/2024-03/02/2024	Vignan Mahotsav {chess, table tennis}	 
13/02/2024	Research methodology {pharmaco-epidemiology methods}	 
28/02/2024	Indigenous technologies for Vikas IT Bharat on eve of national science day	 
March		
7/03/2024	Malnutrition in children	Event Name: "Awareness Programme on Malnutrition in Children" 07.03.2024 @ 10.00 AM Academic Year: 2023-2024 Date: 07/03/2024   Students interacting with community people  Interacting with the school students
15/03/2024	A.I in pharmaceuticals sciences and health	

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28/03/2024 Hindu college of pharmacy {Guntur}



April
01/04/2024 Annual day celebrations
- at kvsr 2k24
04/04/2024



12/04/2024- Scops Alianza-2k24
13/04/2024



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23/04/2024	Data management system in patient care services	
June 11/06/2024	Scientific evidence and development of traditional medicine across the world	
July 05/07/2024-06/07/2024	Events at IPC Hyderabad{3rd prize}	
14/07/2024	Rath yatra	



	District badminton championship	
August		
15/08/2024	Independence day celebrations {kvsr}	
17/08/2024	Recent and advances in drug discovery	
25/08/2024	Utti Mahotsav fest	 
September		
3/09/2024	Food service during floods	 

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09/09/2024 **Food packing at PB Siddhartha for food relief**



11/09/2024 **Career prospects for Pharmacy graduates in African countries**



13/09/2024 **Accessing the J-gate Digital Library**



16/09/2024 **World ozone day**



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23/09/2024

4th National Annual Pharmacovigilance Celebrations



24/09/2024

Career awareness & Global opportunities Cricket at Hotel management



25/09/2024

WORLD PHARMACISTS DAY CERVICAL CANCER AWARENESS CAMPAIGN



25/09/2024 - 28/09/2024

Distribution of blankets



October 04/10/2024

Dandiya - blooming dale high scale



18/10/2024	Mirchi freshers at kvsr	
20/10/2024	World standards day	
21/10/2024	Aha events at kvsr	
	National pharmacy week	
30/10/2024	VIGILANCE AWARENESS WEEK	
November		



11/11/2024-
15/11/2024

Empowering modern
educators of
pharmaceuticals
sciences

15/11/2024 –
16/11/2024

Amaravati balotsav



December

01/12/2024

AIDS day



20/12/2024

Bavani deeksha



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21/12/2024

World meditation day



23/12/2024

Semi – Christmas celebrations



28/12/2024

Mega job mela



Krishna tarangalu



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ACHIEVEMENTS



- 26-01-24
- N.S.S PROGRAM OFFICER
- L.VINAY SHEKAR



- 1.1.24-31.1.24
- Republic Parade Camp 2024, Delhi
- K. Joshitha, 4th b pharmacy



- 06.01.2024
- Table Tennis Men Kru
- S Chakravarthi
- D Sai Prakash
- K Seetha, 6th pharm
- V Jaswanth Raju, 4th pharm d
- P Vamsi, 4th pharm d



- 11.01.2024,
- Sankranthi Sambaralu Rangoli,
- K Haritha
- Ch Hemalatha
- P Raja Rasagna
- K Tanuja
- M Harshini
- M Bhanu Bhoomika



- 102.02.24-03.02.24
- Vignan Mahotsav
- B Sai Sutej, 6TH Pharma D
- Face Painting-2nd place
- Clay Modelling-3rd place
- Collage making-3rd place



- 7.02.2024 -9.02.2024
- Qis Educational Institution
- B Sai Sutej ,6th pharma D
- Painting -2nd place
- Collage Making -2nd place
-



- 01.03.2024, Mr & Ms Fresher – Bpharm & Pharm D,
- Freshers Day
- Md Salar, 2nd b. pharm-Mr Fresher
- D Vamsi Krishna 2nd pharm d-Mr Fresher
- Ch Abhinaya, 1st b pharmd -Ms Fresher
- Ch Chaitra Bhanu, 2nd pharm d-Ms Fresher



- 11.03.24-15.03.24
- Womens Throwball Premium League
- K.Sravya, 6th pharm d
- K.Joshitha, 4th b pharmacy



• **24.09.24 Cricket At Siddhartha College Of Hotel Management**

1st place

- K Seetha Reddy
- T.Chetan Sai
- V.Jaswanth Raju
- K.Roop Sai Tej
- K Sai Krishna

- P Rohith
- K.Vamsi Krishna
- Ch. Chandu Mahesh
- T.Sai Ram
- M.Saidu Babu
- B.Dhanush



• **1.11.2024 National adventure camp**

- K.Joshitha
- D.Keerthi
- P.Vamsi

**కృష్ణా తరంగ్ లో
ఫార్మ్స్ విద్యార్థి ప్రతిభ**



• **30 .11.2024 - 02.12. 2024 Krishna University/ Intercollegiate Youth Festival , Krishna Tagang 2024**

- B.Sai Sutej - 1st Prize



• **20.12.2024 Krishna University Table Tennis Tournament**

- K Joshitha
- A.Niharika
- J..N.V.prasanna

1st place



• 27.03.2024-28.03 2024, Hindu College Of Pharmacy Sports Fest

Chess Women
1st place
M Pallavi,
2nd pharm d

Throw Ball winners

- K Sravya
- V Usha Sri
- K Joshitha
- D Keerthi
- M Nandini
- D Vidya

Kabbadi Winner

- K Sravya
- Ch Himasri
- K Joshitha
- D Gowri Pirya
- JNV Prasanna
- K Meghamala
- D Keerthi
- V Usha Sri



- 05.07.24-06.07.24
- Cultural Events At Ipc Hyderabad
- B.Harshitha
- Varshitha
- D.Keerthi
- M.Nandhini
- Meghamala
- 3rd Prize



- 14.07.24 CRAFT COMPETITION BY ISCON, VIJAYAWADA
- B.SAI SUTEJ 1st placeST PLACE



• 25.08.2024 Utti Mahotsav By Iscon Temple

1st place:

- B.Sai Sutej
- G.Indra
- K.Ram Kumar
- V.Jaswanth Raju

- P.Vamsi
- TDVM.Sattish
- K.Roop Sai
- K.Surya
- K.Mahesh



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“A STUDY ON PRESCRIBING PATTERN OF DRUGS FOR OSTEOARTHRITIS IN A TERTIARY CARE HOSPITAL”



Osteoarthritis (OA) is a significant contributor to chronic pain, mainly affecting lower extremity joints like the knee and hip, and causing considerable impairment in elderly individuals. OA treatment focuses on easing discomfort and enhancing mobility. Despite their adverse unfavourable effects, non-steroidal anti-inflammatory medications (NSAIDs) are frequently used for symptom alleviation. However, there is still a need for secure and efficient alternative therapies that could provide OA patients with both symptomatic relief and disease-modifying benefits. Despite the indisputable fact that the disease has a substantial socioeconomic, medication adherence impact on patients, there is not much research available to reflect on the medicine prescription pattern in OA.

To study the Prescribing Pattern of Drugs used in osteoarthritis Patients. Various drugs used in the management of Osteoarthritis, to assess most prescribed drug used in the treatment of osteoarthritis, To study the co morbid conditions of patients of orthopaedic department, To evaluate adherence by using Morisky medication adherence scale(MMAS-8).

A cross-sectional, prospective, and observational study conducted in the orthopaedics department for all newly diagnosed and old treated patients with OA. Around 150 patients were taken into the study and their prescriptions were scrutinized. Descriptive statistics were used to analyze the data and present it as percentages.

Over 63.3% of females were affected compared to 36.6% of males with OA. The knee joint (62.6%) followed by the hip joint (12.6%) were the most common joints involved. Aceclofenac and Diclofenac were the most common NSAIDs used in the patients, whereas Tramadol was the least prescribed drug. Gastroprotective agents, calcium supplements, were the commonest adjuvants used in the treatment of OA patients. MMAS-8 is measured as low adherence (36.7%).

The study indicates that osteoarthritis (OA) is more common in female patients than in male patients. The knee is the most frequently affected site in OA patients. Diclofenac was the most preferred drug for treating OA. The MMAS-8 assessment showed low medication adherence among the patients.



Women in Leadership: Challenges, Progress, and the Path Ahead

Women leaders have consistently proven their ability to enhance productivity, inspire dedication, and improve organizational fairness. Despite significant progress in breaking barriers, women continue to face challenges such as gender bias, societal expectations, and systemic discrimination. However, their influence in politics, business, and culture is reshaping leadership, driving inclusivity, and contributing to holistic decision-making.

Women are vital yet underutilized resources in leadership roles. Though representation has grown in recent decades, barriers like bias, discrimination, and societal expectations persist, hindering true gender parity. Overcoming these challenges is essential not only for women's advancement but for fostering innovation and inclusive leadership. Key Challenges and Opportunities Women leaders face hurdles such as pay disparity, restrictive workplace policies, and societal stereotypes. Political participation is hindered by financial constraints, limited access to resources, and entrenched cultural norms. However, opportunities lie in mentorship programs, flexible work policies, equal pay initiatives, and leadership development programs offered by progressive organizations.

In ancient India, women held respected positions but faced marginalization over time due to patriarchal norms. Contemporary progress is evident, with women leading multinational corporations, startups, and governments. However, disparities in senior leadership representation remain, highlighting the need for systemic reforms.

The future of women in leadership is promising, with increasing opportunities for mentorship, digital innovation, and gender-equity policies. By dismantling stereotypes and creating inclusive environments, women are redefining leadership structures and inspiring the next generation.

The journey of women in leadership reflects resilience and progress. With continued support, mentorship, and policy reforms, women will lead transformative change, fostering a more equitable and innovative society.

“Yatra Naryasthu Pujyanthe, Ramanthe Tathra Devathaha”

(Where women are honored, divinity blossoms there).





GREEN PHARMACY: SUSTAINABLE PRACTICES IN THE PHARMACEUTICAL INDUSTRY



The pharmaceutical industry is essential for global health, but its activities often have a significant environmental impact. Green pharmacy promotes eco-friendly practices throughout the pharmaceutical lifecycle to address these challenges, advocating for sustainability in drug development, manufacturing, distribution, and disposal while ensuring patient safety.

- A major focus of green pharmacy is sustainable manufacturing. Traditional processes consume substantial water, energy, and raw materials, resulting in excessive waste. By adopting green chemistry principles, companies can minimize waste and reduce toxic solvents, such as using biocatalysts to lessen hazardous by-products.

Another important aspect is reducing pharmaceutical waste. Unused medications frequently contaminate landfills and water systems. Many countries are implementing take-back programs and stricter disposal regulations. Pharmacies play a critical role by educating the public about proper disposal and participating in these initiatives. Additionally, advancements like controlled-release tablets help limit the environmental release of active pharmaceutical ingredients (APIs).

Sustainable packaging is also gaining traction as companies explore biodegradable materials and reduce excessive packaging to lower their carbon footprint. Renewable energy sources, like solar and wind, are increasingly adopted in production facilities, while digital technologies allow real-time monitoring of resource use.

Green pharmacy also encourages rational drug use to minimize waste. By prescribing appropriate medications and doses, pharmacists can reduce unnecessary consumption and environmental contamination. Educational initiatives for healthcare professionals and patients are essential.

- Despite challenges such as high costs and regulatory hurdles, the benefits of green pharmacy are significant, reducing environmental impact and enhancing corporate responsibility. The pharmaceutical industry must balance its healthcare contributions with environmental stewardship, paving the way for a sustainable future.



IMPACT OF NANOTECHNOLOGY ON AGRICULTURE AND FOOD SECURITY



Nanotechnology plays a transformative role in modern agriculture, emerging as one of the most significant tools for enhancing productivity and sustainability. By integrating nanotechnology into agricultural practices, we can significantly improve disease detection and management. This is achieved through the use of innovative nano-fertilizers and nano-pesticides, which not only improve crop health but also reduce the overall reliance on conventional chemical inputs. The implementation of nanotechnology also enhances food quality and safety through advanced packaging materials. These materials can help extend the shelf life of products by providing better protection against contaminants and spoilage.

Moreover, the introduction of nano-herbicides and nano-fungicides offers targeted solutions for weed and disease control, minimizing environmental impact and reducing the quantity of chemicals required for effective management. A key advantage of nanotechnology in agriculture is its ability to ensure the precise delivery of nutrients to specific regions of plants. This targeted approach enables plants to absorb nutrients more efficiently, leading to improved growth and yield. As a result, farmers can enhance their crop production while minimizing waste, ensuring that resources are used in a sustainable manner.

Nanotechnology impacts all stages of agricultural production, from seed germination to growth, irrigation, harvesting, transportation, and storage of agricultural products. For instance, the application of nanoparticles can stimulate seed germination and promote faster and healthier plant growth. Additionally, during harvesting and transportation, nanomaterials can improve the durability of crops, reducing losses associated with handling and environmental conditions.

The interaction between nanoparticles and plants has been shown to improve disease resistance, enhance crop yield, and maximize nutrient utilization. Furthermore, agricultural byproducts, which are often considered waste, can be transformed into nanobased materials with enhanced properties. This not only contributes to waste reduction but also provides additional resources for agricultural practices, creating a more circular economy. Major applications of nanotechnology in agriculture include nano sensors that monitor soil health and crop conditions, nano pesticides that offer environmentally friendly pest control solutions, and nanocapsules that can deliver nutrients and agrochemicals in a controlled manner.

Other innovations, such as nanoproboscopes for real-time disease detection, nanocoatings for seed protection, and nanoencapsulations that enhance the efficacy of agrochemicals, are also playing a critical role in advancing agricultural practices. As we continue to explore the potential of nanotechnology in agriculture, it is clear that these advancements will play a vital role in ensuring food safety, enhancing product quality, and supporting sustainable agricultural practices for future generations.



MICRO RNAs IN CANCER DRUG RESISTANCE



MicroRNAs (miRNAs) are short, single-stranded, non-coding RNA molecules that are produced endogenously within the cells. They have emerged as significant biomarkers for cancer due to their precise regulatory functions. By interacting with specific mRNA targets, miRNAs play a crucial role in various cellular processes, including the regulation of the cell cycle, apoptosis, and cell proliferation. These functions are essential for maintaining cellular homeostasis and preventing the uncontrolled growth characteristic of cancer cells.

One of the most pressing challenges in cancer treatment is drug resistance, which often results in the failure of standard therapies. Research has shown that miRNAs significantly contribute to this phenomenon by influencing the expression of genes involved in programmed cell death (apoptosis) and cell division. For instance, when certain miRNAs are overexpressed or underexpressed in cancer cells, they can either promote survival or inhibit apoptosis, leading to enhanced cancer cell resilience against therapeutic agents.

MiRNAs have the ability to target messenger RNA (mRNA) molecules, effectively blocking their translation into proteins. This targeting occurs through complementary binding, where miRNAs recognize specific sequences within the mRNA. Additionally, miRNAs can form complexes with proteins that exhibit endonuclease activity, leading to the degradation of the bound mRNA. This interaction not only results in decreased protein synthesis but also contributes to the fine-tuning of various cellular responses, including those related to growth and survival. Furthermore, miRNAs also play a significant role in regulating drug metabolism. They can modulate the expression levels of various enzymes responsible for drug activation or inactivation, including those involved in the metabolism of anticancer drugs.

By altering the expression of these metabolic enzymes, miRNAs can influence the efficacy and toxicity of chemotherapeutic agents.

This modulation of drug metabolism is one of the primary mechanisms through which cancer cells develop resistance to treatment.

In summary, miRNAs are integral to the regulation of fundamental cellular processes and play a pivotal role in cancer biology. Their influence on drug resistance poses a significant barrier to effective treatment strategies. Understanding the complex interactions between miRNAs and the genes they regulate may offer valuable insights into developing novel therapeutic approaches. By targeting specific miRNAs or their regulatory pathways, it may be possible to enhance the effectiveness of existing treatments and overcome the challenges posed by drug resistance in cancer therapy. Continued research in this area could lead to new strategies that integrate miRNA modulation, ultimately improving patient outcomes and opening up avenues for innovative cancer treatments.



DIET'S DEADLY DUO: OBESITY AND DIABETES

The global surge in obesity and diabetes underscores the critical need to understand the interplay between diet, obesity, and diabetes for effective prevention and management. This overview aims to explore how dietary habits contribute to obesity, how obesity escalates diabetes risk, and the dietary strategies for addressing these issues.

Dietary patterns significantly impact obesity, with high-calorie diets rich in sugars and fats, processed foods, and large portion sizes leading to excessive calorie intake and weight gain. Nutritional factors such as imbalances in macronutrients and deficiencies in micronutrients also play a role, influencing energy balance and metabolism.

Obesity contributes to diabetes primarily through mechanisms like insulin resistance and chronic inflammation. Over 90% of Type 2 Diabetes cases are linked to overweight or obesity, with diabetes prevalence increasing alongside obesity levels. Genetic factors and sedentary lifestyles further compound this risk.

Effective dietary interventions include adopting a balanced diet with fruits, vegetables, whole grains, lean proteins, and healthy fats, controlling portion sizes, and favoring low glycemic index foods. Combining these with regular exercise and sustainable lifestyle changes is crucial for weight management. Regular monitoring and professional guidance are also recommended for optimal results.

Case studies highlight the efficacy of specific dietary interventions. For example, a clinical trial demonstrated that a low-calorie, high-fiber diet improved weight and insulin sensitivity, while research on the Mediterranean diet revealed its role in reducing Type 2 Diabetes incidence. These findings underscore the importance of dietary modifications in managing weight and mitigating diabetes risk.

Due to technological advancements and fast moving culture we have lost the art of eating healthy foods and got adapted to sedentary lifestyle. The problem is too significant to ignore. Hence more global measures for preventions are essential to manage obesity and diabetes

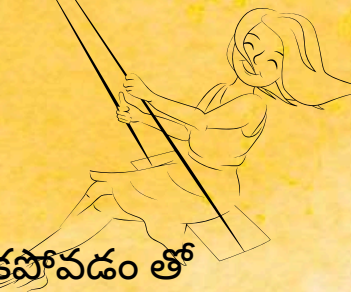




LITERATURE

(Stories & More)

ఆ రోజులు మళ్ళీ రావు

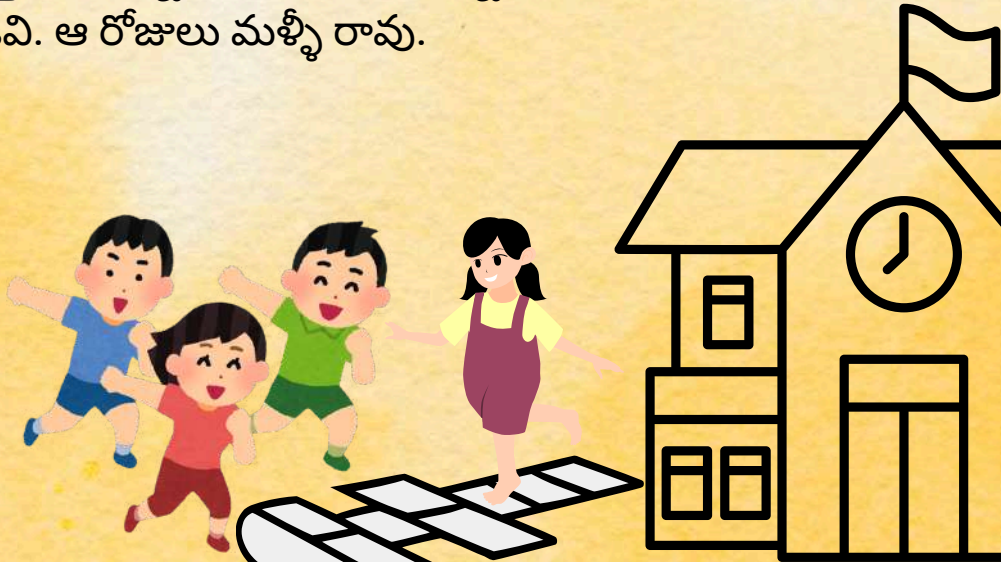


ఒక రెండు వారాల క్రితం బాగా వర్షాలు వల్ల ఇంటర్నెట్ అందుబాటులో, లేకపోవడం తో వారం రోజులు సెలవులు ఇచ్చారు..అమ్మ నాన్న లని చూసి రావడానికి హైదరాబాద్ నుంచి మా ఊరికి బయలుదేరాను.మా ఊరు చాలా పల్లెటూరు కావడం వల్ల చాలా ప్రశాంతం గా ఉంటుంది అక్కడ ఇంటర్నెట్ సదుపాయం ఉండదు.. అలా కొంచెం సేపు మేడ పైకి వెళ్లి కూర్చున్నాను. మేడ పై నుంచి చూస్తే అక్కడ కొంత మంది పిల్లలు మంచిగా ఆడుకుంటున్నారు. అలా వాళ్ళని చూస్తుంటే చాలా సంతోషం గా అనిపించింది అలా వాళ్ళని చూస్తుండగా అరే! నాని బయటకి వెళ్ళదాము అని నాన్నగారు పిలిచారు.నేను నాన్న ఇద్దరు కలిసి బండి మీద బయటకి బయలుదేరాము. అలా బండి మీద వెళ్ళుతుండగా మేము ఆడుకున్న ప్రదేశాలు కనిపించాయి. చాలా ఆనందం కలిగింది.. అలా వెళ్ళుతుండగా అనుకోకుండా నాన్నగారి బండి ఆగిపోయింది.బండి ఆగిపోవడంతో కొంచెం దూరం నడుచుకుంటూ వెళ్ళాను అలా ..వెళ్తుండగా దారిలోనే మా పాఠశాల కనిపించింది. చాలా రోజులు అయింది మా పాఠశాల చూసి లోపలకి వెళ్ళాను. అక్కడ మా లెక్కలు మాస్టరు సుందరం గారు లెక్కలు చెబుతున్నారు. ఆయనను చూసి నాకు చాలా ఆశ్చర్యం కలిగింది.ఈ వయస్సులో కూడా లెక్కలు చెబుతున్నారు అంటే చాలా గొప్ప విషయమే. సుందరం మాస్టరు అంటే నాకు చాలా ఇష్టం. మరియు గౌరవం ఆయన పాఠం చెప్పేటప్పుడు మేము చేసిన తుంటరి పనులు ఇంకా మరవలేం అలా ముందుకు వెళ్తుండగా పదవ తరగతి గది లో గోడల మీద మేము గీసిన బొమ్మలు అలానే ఉన్నాయి. ఒక రోజు నేను నా స్నేహితులు అందరం పాఠశాలకు వెళ్ళకుండా రజినీకాంత్ గారి సినిమా కి వెళ్ళాము. అప్పట్లో ఫస్ట్ డే ఫస్ట్ షో సినిమా కి వెళ్ళడం అంటే సాహసమే.ఏంటో మేము వెళ్ళిన రోజే మా హెడ్ మాస్టరు కూడా వచ్చారు. మళ్ళీ మా ఫ్రెండ్ హరి గాడి పక్కనే కూర్చున్నారు. తర్వాతి రోజు అందరిని బాగా తిట్టి గోడ కుర్చీ కూడా వేయించారు.నిజం గా ఆ రోజులు మళ్ళీ రావు .

ముగింపు:- ఈ ఇంటర్నెట్ గోల లో పడి చాలా మిస్ చేసుకుంటున్నాం మనం అందరం. ఎలా అయినా ఇంటర్నెట్ లేని డేస్ చాలా బాగుండేవి. ఈ కాలం పిల్లలు ఫోన్స్, వీడియోగేమ్స్ అంటూ టైం మొత్తం ఇంటర్నెట్ తో గడుపుతున్నారు ... ఏం అయినా ఇంటర్నెట్ లేని రోజులే బాగుండేవి. ఆ రోజులు మళ్ళీ రావు.



By : A.suvarchala sri (y22BPH140006)
G.Naga Lalita (Y22BPH140040)



OPEN HEART WITH NARADA

-PART ONE



Narada : Narayana ! Narayana! It's me your Narada and I am hosting open heart with narada the first talk show of the Gods.

The day starts with dawn ,thus I introduce you to the god of dawn Aruna, son of charioteer of surya and the elder brother of Garuda.

Hello Aruna

Aruna: samayam ledu narada! get to the point

Narada: ok ,our audience and I are curious to know your origins

Aruna(sighs):my father had 2 wives Kadru and Vinata, pleased with their devotion and service to him he granted them a boon each. While Kadru asked for multiple snakes with splendid powers as her children, my mother asked him for two divine noble kids who are stronger than Kadrus snakes. After this Kashyap went to perform penance. within a few years all of Kadrus children had hatched while my mother's eggs never hatched. desperate bitter impatient and green with jealousy she broke one of her eggs prematurely causing me to be born underdeveloped.in a rage I then cursed my mother to become the slave of Kadru until her younger son frees her. Garuda the hatched years later and liberated her from slavery.

Narada : Narayana Narayana it was quite heart wrenching yet interesting. We have a clear idea about your origins but how did you become Surya's charioteer?

Aruna (frustrated):the naughty immortal pieces Rahu and Ketu had deceived everyone and consumed nectar from Vishnu. My boss and Chandra deva had intimated this which caused Rahu to be beheaded into 2 parts. Thus Rahu consumed Surya and Chandra ,this vexed my master and he sulked and increased his temperature a thousand fold causing discomfort to humans and immortals. Thus brahma asked me to absorb my masters excess heat as his charioteer.

(Aruna leaves)

Narada : you r truly a great being Aruna.if u don't mind can I ask about your Personal life as in wife and children?...

Aruna :.

Narada : Narayana Narayana! he disappeared without even intimating me(sighs) such a busybody! Always puts work before worship

Thank you so much Aruna for coming onto our show and spending the valuble milliseconds of your time,despite always being on the move with adityaratha

This ends our first episode of mythological masala. stay tuned and keep watching for more.

This is Narada signing off

(p.s never will I interview such a busy person again)

NARAYANA NARAYANA



SRI RAMYA RVS
(Y22BPH140091)
3rd BPHARM





THE CURSE OF KOHINOOR: A TALE OF POWER AND MISFORTUNE



The boy sat in the corner of the ship, staring at the waves that stretched endlessly before him. Only fifteen, Prince Duleep Singh had lost everything—his kingdom, his family, his freedom. Once the ruler of the Sikh Empire, he was now a royal captive, sailing into exile. Clutched in his hand was a locket, the only link to his past. But what haunted him most was the fate of his family's greatest treasure—the Kohinoor.

A DIAMOND OF KINGS AND THIEVES

The Kohinoor had passed through the hands of rulers, conquerors, and invaders, leaving a trail of blood and misfortune. Some said it was first discovered in the Kollur mines of Golconda, while others whispered that it had belonged to Lord Krishna himself. Babur, the founder of the Mughal Empire, documented its immense value in 1526. By the time of Shah Jahan, it adorned the majestic Peacock Throne, a symbol of absolute power. But the diamond had its price. In 1739, Persian ruler Nadir Shah seized it from the Mughal treasury. As legend has it, when the gem was revealed, he gasped, “Koh-i-Noor!”—the Mountain of Light. Soon after, he was assassinated, his empire shattered. The diamond passed through Afghan warlords, each facing treachery and bloodshed. In 1813, it reached the hands of Maharaja Ranjit Singh, the Lion of Punjab. He cherished it, believing it secured his empire’s strength. Yet, within a decade of his death, his dynasty collapsed, and chaos reigned. The British saw their chance. By 1849, after the Second Anglo-Sikh War, they forced young Duleep Singh to sign the Treaty of Lahore, surrendering his kingdom—and the Kohinoor—to the British Crown.

THE QUEEN’S POSSESSION

By 1854, Duleep Singh was brought to England, presented as an exotic spectacle to Queen Victoria’s court. She took a keen interest in him, ensuring his conversion to Christianity and molding him into an English gentleman..





But he was a prince without a throne, a puppet in a foreign land. Meanwhile, the Kohinoor was placed on display at the Great Exhibition of 1851, drawing thousands of visitors. Yet, to their disappointment, it lacked the brilliance they had imagined. Prince Albert, determined to restore its glory, ordered it to be cut—a decision that reduced its weight by nearly half. The British royal family soon became wary of its dark history. Whispers of the curse spread, warning that any man who possessed the gem would suffer misfortune. From then on, only queens wore the diamond, fearing its wrath upon their male heirs. To this day, no British king has dared to wear the Kohinoor.

A LEGACY OF SHADOWS



Duleep Singh never returned home. Stripped of his heritage, he spent years pleading to go back to India, but the British denied his requests. He died in exile, longing for a land he would never see again. His mother, Rani Jindan, had fought tirelessly for his rights, but even she could not undo the chains of colonial rule. The Kohinoor remains locked away in the Tower of London, last seen at Queen Elizabeth, the Queen Mother's funeral in 2002. Decades have passed, but its fate remains contested. India, Pakistan, and Afghanistan all claim it, each arguing it belongs to their history. Yet, perhaps the real question is—should anyone claim it at all?

Anthropologist Richard Kurin once remarked, "When the powerful take things from the less powerful, the powerless don't have much to do except curse the powerful." Maybe it's time to break free from the Kohinoor's dark past, to let it rest not as a trophy of conquest, but as a relic of a history never to be repeated. For some treasures are too cursed to ever be truly owned.



Md AFREEN
(Y22BPH140061)
3RD BPHARM



FIRST BORN CHILD

**I was the first cry, the spark, the start,
The dream they held close, the beat of their heart.
With tiny hands, I grasped their dreams,
The weight of love stitched in life's seams.**

**But with that love, came silent weight,
Oh, THE FIRSTBORN, a title so grand!
I didn't choose this crown I wear,
Here I stand, their moon and sun.**

**Maturity knocked when I was too young,
Responsibility spoke in a foreign tongue.
I learned to give, without thought of cost,
To shield, to care, no matter what was lost.**

**Yet, in my quiet heart, there's always a plea—
Who was there, who will be, to catch me?
Who holds me when the hours are long?
When I need to be weak, to let go, to belong?**

**Even in my yearning, I know my role—
A sibling's shield, a parent's pride.
Balancing the heavy crown's role I play,
With love as my armor, and faith in God.**

**Yes, I stumble, I cry, I sometimes fall,
But still, I rise—through it all.
And through every struggle, through every strife,
I carry MY FAMILY—I carry MY LIFE!!!**

-V.N.S.V.D. NIHARIKA

5TH PHARM D, Y20PHD140030



ఆకాశంలోని చుక్కల్ని ఎలా లెక్కపెట్టలేమా...

సముద్రంలోని నీరుని ఎలా కొలవలేమా...

ప్రపంచంలోని వాయువు లేకపోతే ఎలా అని చెప్పలేమా....

గణితంలోని అంకెలు ఎలా గుర్తించలేమా...

జలము యొక్క రుచిని ఎలా తెలుప లేమా...

జీవిత క్షణాలను ఎలా లెక్కించలేమా.....

అలా నా జీవితంలో నీ పైన ఉన్న నమ్మకమైన నా ప్రేమ కొలవలేనిది.....

ఆకాశం జాబిల్లి కోసం ఎలా ఎదురు చూస్తుందో...

ఆ సూర్యకాంత పువ్వు సూర్యుడు కోసం ఎలా ఎదురు చూస్తుందో...

భూమి వర్షం కోసం ఎలా ఎదురు చూస్తుందో...

మానవుడు శాంతి కోసం ఎలా ఎదురు చూస్తాడో...

అలానే నేను కూడా నా ప్రశాంతత కోసం నీ కొరకు వేచి చూస్తున్నా...

* పక్షి ఎంత పైకి వెళ్ళినా తన గూటికి ఎలా చేరుతుందో...

సముద్రంలో అలలు ఎంత ముందుకు వచ్చినా వెనక్కి ఎలా వెళ్ళాయో...

ఎంత నల్లగా కమ్ముకున్న ఆకాశమైనా నీలం లోకి ఎలా వస్తుందో...

అలాగే నేను కూడా ఎంత దూరం వెళ్ళినా నీ దరికి చేరులాను...

-MENDASRIDHAR

4th B PHARM

Y21BPH140061,



TUM SHAMIL HO HAR IBADAT ME

Tum ho meri har baat mein
Kismat banke mere haath mein
Khushi bhi tum aur gham bhi
Chhupi ho har jazbaat mein
Har subah mein
Har shaam mein
Sukoon banke araam mein
Hasana bhi aur rona bhi tum
Maujud ho tum
Har khwaab mein
Har sajde aur chahat mein sapno
ke ashiyan ki banawat me
Ho har marham ki rahat mein
Jhalakti meri har aadat mein
Maujud meri likhawat mein
Har alfaaz ki sajawat mein
Main chahta hun tumhe batana
Tum shamil ho har ibadat me

-IEFATH NAAZ

4TH PHARM D,Y21PHD14003



A CHERISHED MEMORY UNDER NATURE'S EMBRACE

**Running behind the hectic days,
I ignored you,
But you reminded me of yourself,
A cherished memory of mine.**

**One night, there was a power cut.
I stepped out the door into the corridor,
Looking at the sky--
Nature greeted me with a smile.**

**Surrounded by a cool breeze
Bright moonlight shining all around,
Passing clouds,
Twinkling stars.**

**My heart was filled with elation,
A sign of relief.
The beauty of nature makes us feel happy.
Thank you, O Lord,
For the beautiful memory so far.**

**M.PALLAVI
2NDPHARM
D,Y23PHD140024**



NATURES LOVE

Under starry skies where dreams reside
In the endless ocean where love rises
With every wave our hearts collide
With every spark our souls shine
Faded lights brings hidden love
Unspoken melody sings emotion
And with every breath , there's a scent of
green

CH.PRAVALLIKA
Y23BPH140024
2ND B.PHARMACY



DISEASES



COLD WINDS COME WITH SNEEZES AND
COUGH,
LEAVING YOU FEELING WEARY AND SOFT.
WE HAVE THE AIDS
IT COMES IN DIFFERENT SHADES
WITH ACNE BE AWARE
IT MAY LEAVE MARKS THAT MIGHT NEVER
FADE
IF YOU HAVE ANAEMIA,
AT LEAST YOU DON'T HAVE TO WORRY
ABOUT INSOMNIA
WHEN YOU HAVE A MIGRAINE
YOU'LL WISH YOU DIDN'T HAVE A BRAIN
A MAN WITH EPILEPSY
IS A MAN THAT'S DROWNING IN THE SEA
BUT WE FIGHT THEM WITH MEDICINE AND
REST,
AS HEALTH WILL RETURN, AND WE'LL BE
OUR BEST.
IN THE FACE OF THE DISEASE, WE
STAND STRONG,
FOR EVERY SICKNESS, THERE'S A
CURE ALONG.

-M. CHERISHMA
Y23BPH140001,
2ND BPHARM





at
n Rat
ne of ye
somethin
lackth
ay.
Watch timethir
night tickth
ating,
or all in tick
s-placigh
f big.



#HASHTAGS#



is the ground
verse is vast
also beautiful
something bigger
of something
most of your t
e a blog post.

#HASHTAGS#

#DR. A. SUNEETHA

#BEST TEACHER #Outstanding educator #Exemplary mentor#Superior instructor #DYNAMIC #Leading teacher#Masterfulguide#Energetic#Vibrant#Lively#Enthusiastic#Innovative

DR M. VIJAYA LAKSHMI

#KNOWLEDGE BANK #Encyclopedia #Repository Of information #Fountain of wisdom#Resource center #Information hub #ORATOR #Rhetorician##Speechmaker#

MS. T.S.MRINALINI

#ENERGETIC DANCER #Lively performer#Dynamic mover #Vigorous dancer#Passionate performer #HAIR GOALS #Hair inspiration# Hair envy#Dream hair#Fabulous locks

MRS.K.JYOTHI

#FUN GENERATOR #Entertainment hub #Joycreator#Amusement maker#CREATIVE CLASSROOM#Innovative learning#education zone

DR.RAMANA GANGIREDDY

#FOREVER YOUNG#Ageless#Youthful #Eternal energy#Dashing#Charming#Handsome#Mr. FITNESS

DR A. BHARATHI

#ATTENDANCE GURU#Attendance expert#Attendanceauthority #Professor of Punch Lines#Wit professor#Humor instructor #Attendance Ace#PUNCHLINE PROFESSOR#Laughter Lecturer

DR. T. P. RAO

**#PHOTOGRAPHER #Lensman #Visual storyteller#GPAT
Tutor#GPAT GUIDE #Pharma Lens Mentor #Snap & Study
Coach"**

DR N. KANAKA DURGA DEVI

**#MAMATALATHALLI#Mentor of Young Minds #Guide of Future
Leaders #Caretaker of Dreams#TEACH THE FUTURE #Shape the
Next Generation#Mentor the Leaders**

DR.D. JYOTHIRMAYEE

**#LAWYER #Inspire with Knowledge #Educate and
Empower #Share Wisdom #ILLUMINATE MINDS #Enrich
with Insights**

DR.K.RAVI SHANKAR

**#ILLUMINATOR #Enlightener #Bright Mind #Beacon of
Knowledge #Spark of Insight #Lightbringer#FOODIE #Food
Connoisseur**

DR. SK. ARIFA BEGUM

**#PERFECTIONIST#Detail#oriented #Meticulous #Quality
#Experiential learning#The Perfectionist Teacher #Educating with
precision #LEARNING THAT LASTS A LIFETIME**

SRI. K. ANIL KUMAR

**#Greatest Of All Times(G.O.A.T) #Legendary#Iconic#Supreme
#Devudu #Omnipotent#CARING#Compassionate#Empathetic
#Supportive #Kind-hearted#Calm and Compassionate Icon
#Supreme Caring Mentor**

SMT. R. ANUSHA

#BOOKWORM #Academic enthusiast #Scholarly geek #Intellectual obsessive #PAPER&PEN #“The Notebook Ninja

MR.P.SRINIVASU

#GREATEST OF ALL TIMES 2.0#Living Legend#Enduring hero
#LASTING LEGACY#Unforgettable figure#Immortal trailblazer#Enduring Greatness Reborn

SMT. P. JAHNAVI

#STYLE ICON#ChicEntrepreneur#Style And Success#BUSINESSWOMAN#EducationalEntrepreneur#InnovativeInstructor #Teacherpreneur#PharmacistStyle

DR. B. ANUPAMA

#EDUROCKSTAR #chemistrywithcare
#LearningWithLove#CompassionateClassrooms#TeachingWithHeart
#EducationInspiration #COMPASSIONINEDUCATION
#CaringClassrooms #HeartOfTeaching

DR. T SARALA DEVI

#TEACHINGATFINGERTIPS #TeachingWithEase #Wisdom on Demand #Knowledge in Motion #Molecules of Mastery#VIRTUOSO
#Bonding Knowledge #Explosive Insights #Chemistry Made Simple
#Elemental Excellence

DR.V. NARENDRA

#TEACHER WITH VISION #ChemistryInAction #CATALYZING CURIOSITY #Molecular Mastery#Chemistry Simplified #Exploring Chemical Bonds #transformingreactions
#MotivationForStudents

MS.SK JAREENA

#TEACH & GROW #Igniting Chemical Passion **#EXPLORING REACTIONS** #Empowering with Chemistry #Explore, Learn, Grow #Elements of Growth #Innovate chemistry #Exploring Chemistry

MR.K.DURGAPRASAD

#GIGGELS AND GRADES #Grades and Guidance #Results and Responsibility #Evaluations and Empowerment **#EXAMS MADE EASY** #Tests and Time Management #Mastering Chemistry

DR CH. SUPRIYA

#QUEENOFBIOLOGY #PharmacologyRockstar #Pharma Innovation #PharmEdTalks #PharmaQueenBee **#DRUG EDUCATION** #PillPusher #PharmFam

DR CH. NAGABHUSHANAM

#FACULTYPOWER #TeachAndInspire #Teaching With Heart #PowerOfTeaching #PowerInTeaching #LeadWithKnowledge **#LAUGH LEAD TEACH** #TeachingWithImpact

DR A.V.S.RAVI SAINADH

#FLOW CHART GURU #Spiritual #MedicineMentor #DrugChartPro #DrugKnowledge Boss #DrugWisdom **#BLACKBOARDBOSS**

SMT G.ISWARYA

#SMILE TALES #TeachWithJoy #TeachingWithAHeart #PharmaInspiration #GoodVibesOnly #LaughAndLearn **#JOY TO BE AROUND** #ClassroomJoy #TeachWithPositivity

SMT. G. HEMA SRÉE

#STYLE ICON #Drug Diva #Therapeutic Trendsetter #Medicinal Magician #Drug Detective **#THE DRUG DUCHESS** #smart and sassy #realistic ruler #Rx, Wit, and Wisdom #Pharma Fun with Precision

DR .V. KARUNA SREE

**#Nature's Knowledge #Herbal Genius #BEAUTY WITH BRAINS
#Botanical Brilliance #Rooted in Wisdom #Plant Powerhouse
#Brains in Bloom #queen of cognosy #Floral Finesse #PLEASANT
#Plants and Precision #Flourishing with Knowledge**

DR.P.SWETHA

**#CHAOS COORDINATOR #Herb Savvy #Floral Fascination
#Botanical Beauty #Hands to Help #Botanical Beneficence
#plants to people #PLANTS, PEOPLE, PROGRESS**

DR G. VIJAYA KUMAR

**#DECISIONMAKER #The Drug Guru #The Molecule Maestro #The
Remedy Ruler #The Chemical Crusader #Molecule Magician #THE
MAN THE MYTH THE LEGEND #The Drug Dynamo #The Medicine
Master**

SMT.A.LAKSMI PAVANI

**#SUPERCool #The Prescription Practitioner #Dispensing
Knowledge #The Rx Expert #The Remedy Realist
#SHAPINGMINDS #Pharma Innovator #Science of Service**

MS. R TRIVENI

**#TRAVELLER #PharmaExplorer #The Rx Trailblazer
#SASSYSCHOLAR #Meds and Mindsets #The Dose Diva#Rx Rebel
#SassyPharma #The Pill Prodigy #The Rx Adventurer #Capsule
Crusader #Pharmacy Wanderer**

SMT. K. SIRISHA

**#TOUGH ON RULES TOUGH ON YOU #Precision in Every
Prescription #No Room for Error #Rx, Right Every Time
#Pharma with Precision #On Point, Every Pill #STRICTLY ON
POINT #Only the Right Dose #Carefully Calculated, Perfectly
Delivered**

SMT. K. PRADEEPTHI

#HUMBLE AND WISE #Pharmacy with Compassion #The Medicine Mentor #UNPAID THERAPIST #Rx and Real Talk #The Unseen Healer #Offering Wisdom, Dispensing Care #Caring Through Every Capsule

SMT. S. PRANATHI

#FIRM YET FUN #Serious About Health, Fun About Life #Healing with a Smile #Prescriptions with Precision #ANOTHER DAY ANOTHER TEST #Tough on Medicine #Medicine First, Fun Always #Another Prescription, Another Adventure

MS.A.SOUJANYA

#SINGER #Pharma All-Rounder #The Remedy Rockstar #ALL IN ONE #The Pill Perfectionist #Discipline in Every Dose #Your Prescription, Our Responsibility #Where Precision Meets Practice

SMT. P. LAKSHMI PRASANNA

#FRIENDLY EDUCATOR #Pharma Guidance, Delivered with Care Dispensing Care #Care with Every Capsule #TEACHING HEALTH #The Friendly Pharma Expert #Medicine with a Smile

SMT. K. VISWA SRUJANI

#WILDCARD ENTRY #The Case Conqueror #Medications with a Twist #Pharma Knowledge, Case by Case #All ears for cases #Unraveling Cases #ALL IN FOR EVERY CASE

SRI. L. VINAY SEK HAR

#TRAINER #motivater #The Coach #Inspiring Medication Mastery #Fueling Passion for sports #The Dose of Motivation #Guiding Minds, Shaping athletes #Teaching with Purpose, Inspiring with Passion

#HASHTAGS

SRI K VENKATA RAO
#FinanceMinister
#Cashier

SMT V INDUMATHI
#Newspaperletterheads
#Makes AnatomyFun

SMT A SAILEELA
#GuardianofKnowledge

SMT V SRIDEVI
#Petridish
#Microbes
#Agaragar

SMT S HARTI KUMARI
#RxResearch

SMT P VENKATA
KRISHNA VENI,
#InternalAffairsand
DocumentDuty

SMT M ANUPAMA
#Record keepers
#Administrative
Experts

SRI T VENKAT RAO
#GuardianofAnswerSheets

SMT M SAILAJA
#Principal 2.0

SRI K
NAGAMALLESWARA RAO
#Operational control
#File managers

SMT A PAVANI
KUMARA

#Lab tutor

SMT S SRILAKSHMI

#Administrative
managementand
DocumentHandling

SMT M VISALA
GOWTHAMI

#Testtube tales

SMT B PADMA PRIYA
CHOWDARY

#Supervisor of answer
sheets

MS D BEULAH

#Analysis in
action

SMT J NAGALAKSHMI

#Nature in bottle Herbal
protector

SMT G NAGALAKSHMI
#LoudSpeaker

SRI B NAGABABU
#Lift co ordinator

SMT M SURYAM
#Senior most junior employee

SRI T ARJUN
#babai

SRI T SESHU BABU
#Messenger of SCOPS

SRI Y APPA RAO
#Guardian of the garden

SMT K PRAVALLIKA
#In charge of photo copy

#scrub and smile

SMT B SAVITRI

ANITHA

SMT Y PHILOMIN RANI

#Guardians of The Gate

MR P DURGA RAO

MR YESU PREMA

MR G RAJU

#Behind The Scenes
Pro

MS Y SIYA GANGA



QUOTES

“QUOTES”

Successful people always look for opportunities to help others, while also considering what benefits them.-



SK. JAREENA,
ASSISTANT PROFESSOR

Better be a Villain by truth , than a Hero by lies



B. SAI SUTEJ
Y19PHD140004,6TH PHARM D

The best thing that you can do with your lips is smiling, which gives a positive vibes whether it is true or fake, Just give a Smile



P. SRI SATYAVANI
Y24MPA140007,
1ST M PHARM

A deaf frog, believing shouts of "impossible" were cheers, climbed a tree and reached the top. Be deaf to negative thoughts, if your aim is to reach your goal."



K. TAPASWI
Y24MPA140003, 1ST M. PHARM

The smallest key can unlock the largest house. Thus a small, thoughtful solution can solve major problems.



V. SIRISHA,
Y24MPA140010, 1ST M PHARM

*I don't want your PAST
Because we are in PRESENT
And You are my FUTURE.*



V.N.S.V.D. NIHARIKA,
5TH PHARM D,
Y20PHD140030

The world which lacks moral standards and is full of dishonesty usually laughs at people who follow their principles



T NAVYA

Y22BPH140099

3RD B .PHARM

I Don't Know Why, But My Life Goes Exactly The Opposite Of What I Think May Happen ?



SOHITHA M

Y22BPH140091,
3RD B .PHARM

Every time my eyes blinks they paint your face, preserve in my lens forever. That's the reason why I'm always seeing you even if you are not in front of my eyes...



R.MANIMALA

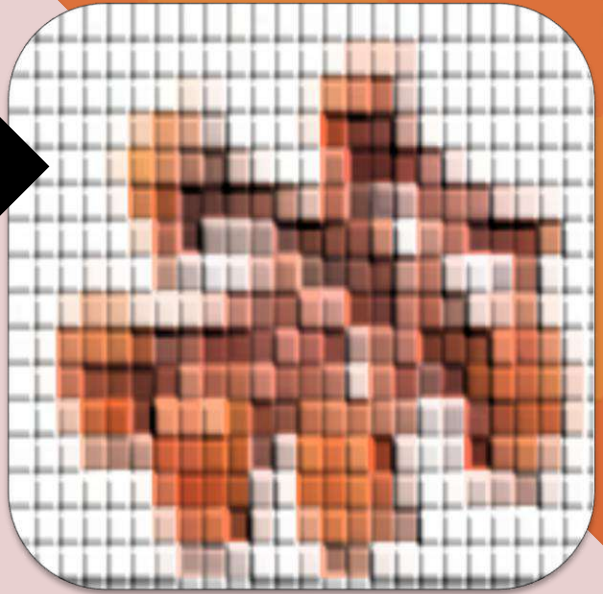
Y22BPH140079,
3RDB.PHARMACY ,

SPICY RIDDLES

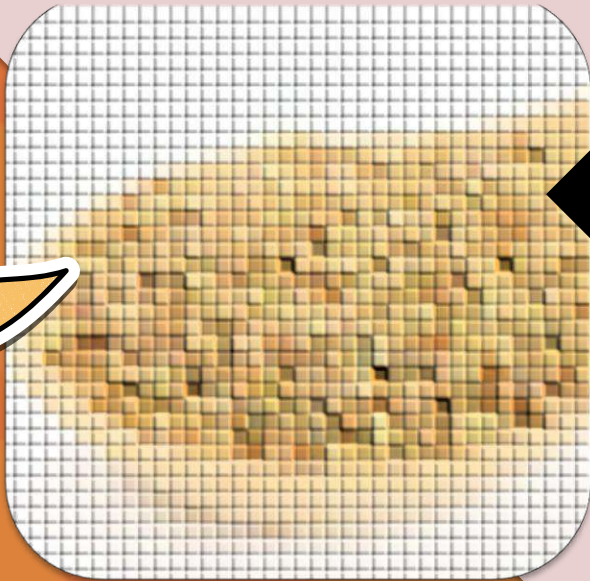


With a pointy hat and
spicy flair, I add zest to
dishes with care.
Antioxidant, antiseptic,
I heal with grace, Guess
my name, put a smile
on your face!

What am I?



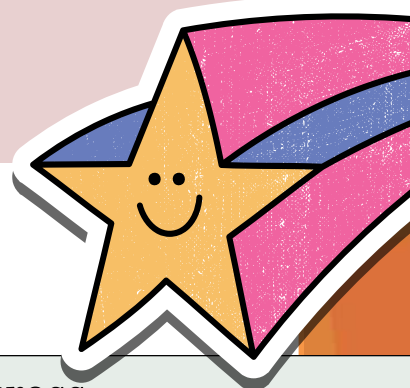
I am a tiny seed, In
Indian dishes, you'll find
me indeed. I add flavor
and zest, and can cure
your indigestion
best. Guess my name,
you'll be impressed



V KARUNA SREE;
HoD DEPARTMENT OF PHARMACOGNOSY



PHARMA CROSSWORD PUZZLE



Y	Z	A	G	E	N	E	R	I	C	B	L
G	V	I	W	F	J	M	X	P	C	U	B
O	A	L	L	E	R	G	I	E	S	L	O
L	C	T	O	Q	S	H	U	D	E	T	T
O	C	H	P	H	A	R	M	A	Y	R	H
C	I	T	A	B	L	E	T	M	R	A	I
N	N	T	O	P	A	R	B	P	K	S	T
O	A	P	I	N	R	Y	L	O	M	O	I
S	T	A	F	L	O	F	D	U	S	U	S
G	I	I	K	B	Y	D	Y	L	R	N	H
X	O	D	I	S	E	A	S	E	S	D	H
B	N	S	P	P	M	D	J	W	F	I	X

Across

1. Pharmaceutical company (abbr.) (5)
2. Medication type (6)
3. Pharmaceutical term (7)
4. Medical condition (8)
5. Medication side effect (8)
6. Drug classification (5)
7. Pharmaceutical ingredient (4)
8. Clinical trial phase

Down

1. Disease prevention method (8)
2. Pharmaceutical packaging (6)
3. Medication administration route (5)
4. Pharmaceutical regulation agency (abbr.) (4)
5. Medical terminology suffix (3)
6. Pharmaceutical research area (7)
7. Medical imaging technique (6)
8. Pharma sales representative (abbr.) (3)



B.NAVYASREE,
Y21BPH140027,4th b
pharm



P	M	G	M	I	X	E	N	P	Q	W	Z	N	O	
I	E	J	V	Q	K	E	H	Y	S	I	B	O	B	P
A	D	L	A	R	G	F	S	A	M	G	I	X	F	T
E	R	Y	A	S	P	V	X	M	T	T	V	S	D	H
R	D	S	R	H	X	L	F	U	P	X	K	A	M	A
C	R	J	Y	J	N	G	E	I	Z	U	F	A	S	L
G	N	E	Y	R	E	I	R	N	H	L	E	K	J	M
N	O	A	C	Q	U	C	M	Y	U	R	F	L	I	I
I	Y	D	A	L	S	P	A	B	C	E	I	E	W	C
H	W	X	M	E	Q	M	Q	D	F	C	Q	E	Y	S
S	I	F	R	T	A	B	L	E	T	D	S	F	G	R
I	Y	P	A	S	P	O	R	D	L	A	S	A	N	J
N	Q	R	H	L	C	A	P	S	U	L	E	K	S	U
A	H	A	P	E	D	A	U	D	M	X	O	H	S	C
V	N	M	D	N	N	D	C	H	W	O	Y	F	R	M

WORDLIST

PHARMACY
 INHALER
 CAPSULE
 TABLET
 NASAL DROPS
 SYRUP
 PRESCRIPTION
 OPHTHALMICS
 VANISHING CREAM
 COLD CREAM



NAME: K. RENUKA
 ROLL NO: Y22BPH140049
 CLASS: 3 B.PHARM



TRY IT ONCE

I have no life but i
can die what am I?

I'm not alive, but I
grow. I don't have
lungs but i need air
what am I?

What can travel
around the world
while staying in a
corner?

What is always in
front of you but you
can't be teen future?

I have cities but no
houses; forests but
no trees; rivers but
no water what am I ?

What is black when you
buy it; red when you use
it and grey when you
throw it away?

What month of the
year has 28 days?

What can a house
wear?

What comes down
but never goes up?

What has to be
broken before you
can use it?



MD.SALAR
AHAMAD,Y23BPH140059,
2ND B PHARM



V.BHANU VYSHNAV
SAI,Y23BPH140094 2ND B
PHARM



WORD SEARCH PUZZLE

Try to find and circle all possible pharmaceutical words below. You can go down, across, upwards, backwards or diagonally

T	N	Q	A	H	N	O	I	T	A	C	I	D	E	M
D	P	C	A	N	B	D	E	U	R	P	T	H	E	Y
R	S	C	P	N	T	D	R	U	G	S	T	O	R	E
U	P	U	O	H	P	I	N	J	E	C	T	I	O	N
G	P	T	T	R	A	R	B	P	S	A	U	H	T	O
G	E	E	H	E	A	R	O	I	L	R	E	R	A	I
I	P	E	E	E	J	L	M	S	O	E	A	M	E	T
S	B	H	C	E	R	E	A	A	Y	T	T	E	R	P
T	S	I	A	K	I	T	N	A	T	S	I	N	G	I
U	I	C	R	M	U	E	M	O	S	Y	E	C	I	R
R	C	A	Y	T	A	D	V	I	I	Y	E	S	N	C
I	K	R	B	O	N	C	R	A	N	O	L	I	U	S
N	B	R	E	M	E	D	Y	U	O	R	N	L	R	E
E	A	T	S	M	A	W	C	I	G	G	A	N	I	R
E	Y	A	R	R	T	S	I	C	A	M	R	A	H	P

WORD LIST

PHARMACIST

CURE

ANTIBIOTIC

APOTHECARY

INJECTION

PHARMACY

REMEDY

PRESCRIPTION

SICK BOY

DRUG

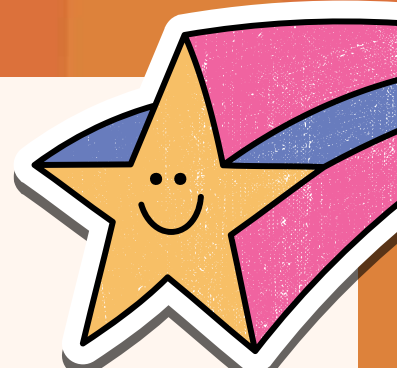
AGONIST

DRUGGIST

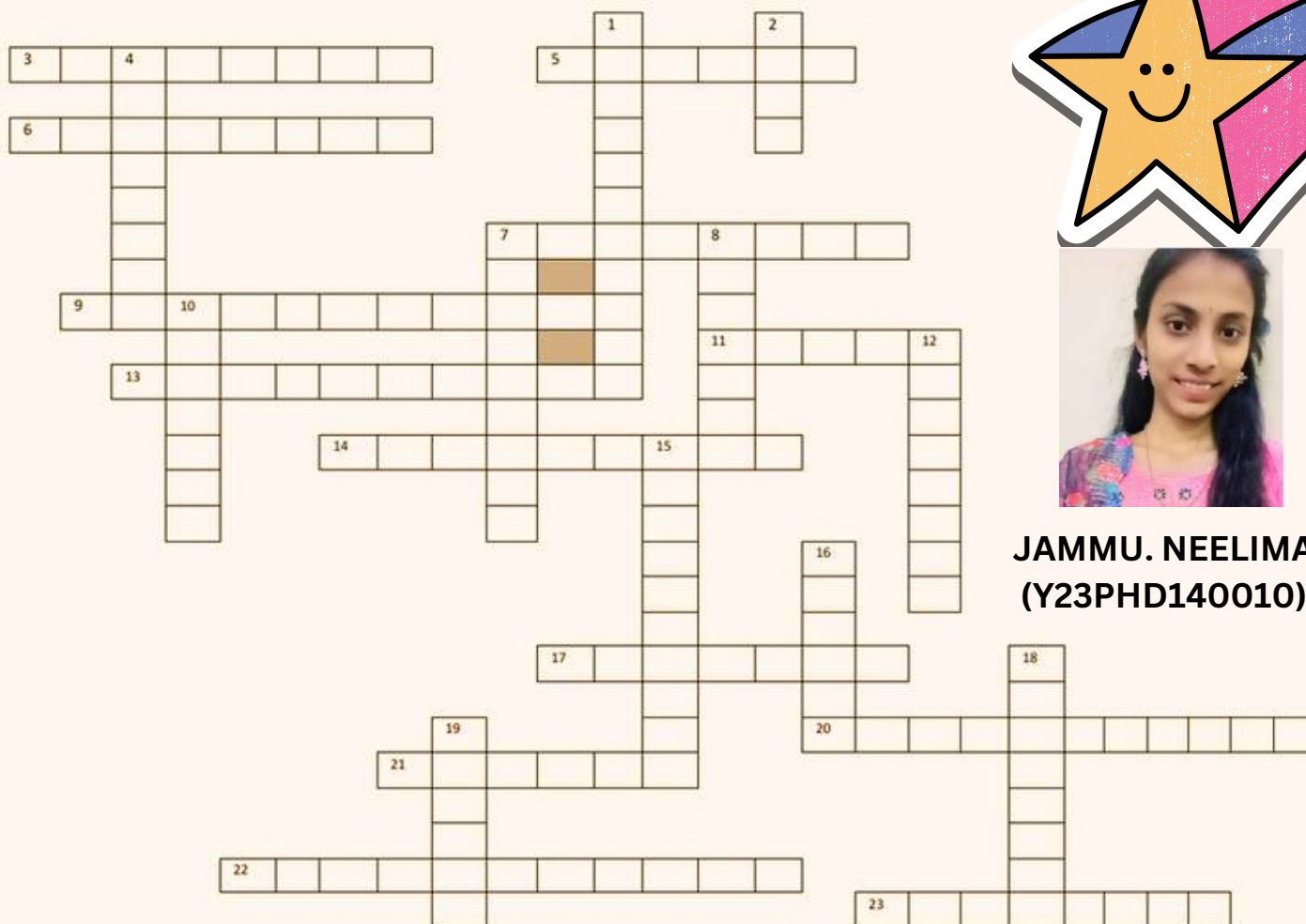
PILL



VIDYA NAGA SREE, (I-B-PHARMACY)



JAMMU. NEELIMA
(Y23PHD140010)



COLUMN :

- 1.Type of plastid responsible for colour production.
- 2.The essential trace element, which helps to increase the levels of testosterone.
- 4.A traditional system of medicine originated in India over 3000 years ago.
- 7.A drug used to treat hypertension and angina, in which the starting 3 letters of this drug name means heart.
- 8.Chloroquine is used to treat a disease caused by the parasite in which it is transmitted through the bite of infected mosquito.
- 10.A type of alcohol is used in fermentation to produce alcoholic drinks and also used as fuel additive in vehicles.
- 12.The cell organelle responsible for breakdown of waste materials, also called suicidal bags of cell.
- 15.It is an intermediate when heme is broken down in the body.
- 16.Imbalance of production of a substance causes thyroid related diseases, also present in king of flavors.
- 18.Type of microbe that can be beneficial or pathogenic, characterised by prokaryotic cell structure.
- 19.A fruit, acts as natural bulk laxative and good source of potassium ions.

ROW :

- 3.A medical condition caused by inability of a hormone which is present at pancreas, may lead to heart and renal diseases if it is untreated.
- 5.A polysaccharide found in both fungi and animalia.
- 6.A type of drug that induces urination, also used in treatment of hypertension.
- 7.A drug given in inactive form to treat parkinsonism, also having a nickname as happy hormone.
- 9.A genetic deficiency of certain proteins that helps the blood to clot.
11. At which month, the register of state pharmacy council is required to print registers.
- 13.A person who has the eligibility to prepare and dispense medications.
- 14.Indian pharmacopoeia commission headquarter located at
- 17.Type of solvent which is not able to donate as well as accept the protons.
- 20.Medication loosens mucus airway, helps to cough.
- 21.The element responsible for hardness of diamond.
- 22.A medication recommended to children for every 6 months to prevent parasitic infections in endemic areas.
- 23.The compound which is shared by both TCA&urea cycle.



PAINTINGS AND DRAWINGS

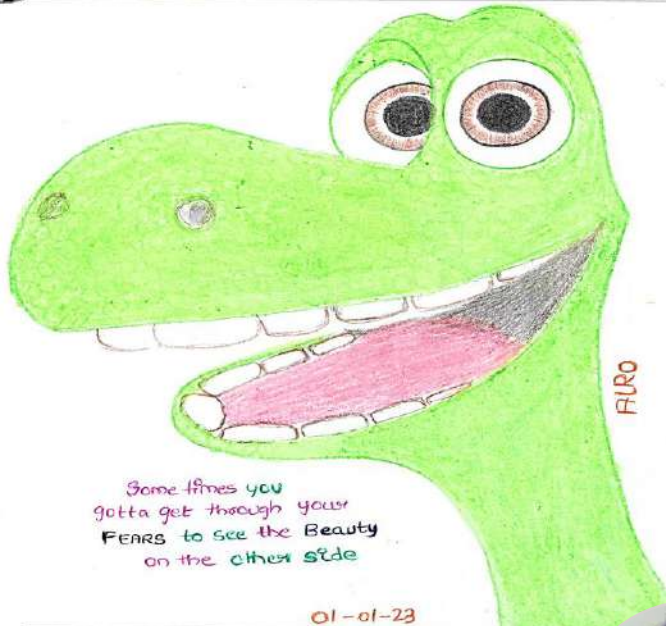
Beneath the Blue

Dr. Sk. Arifa Begum



Art by : Dr. Sk. Arifa
Begum

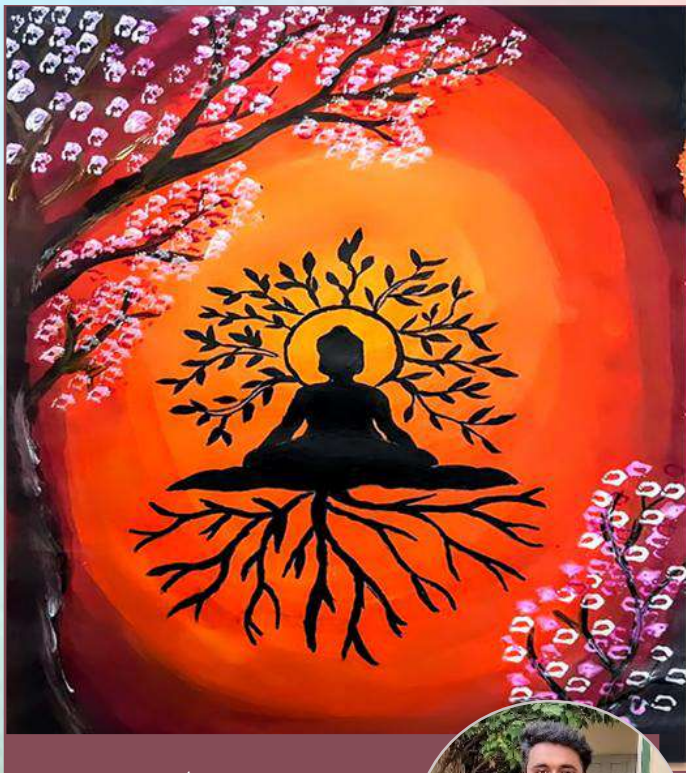
Assistant professor



Art by: T. Sarada
Mrunalnini

Assistant professor

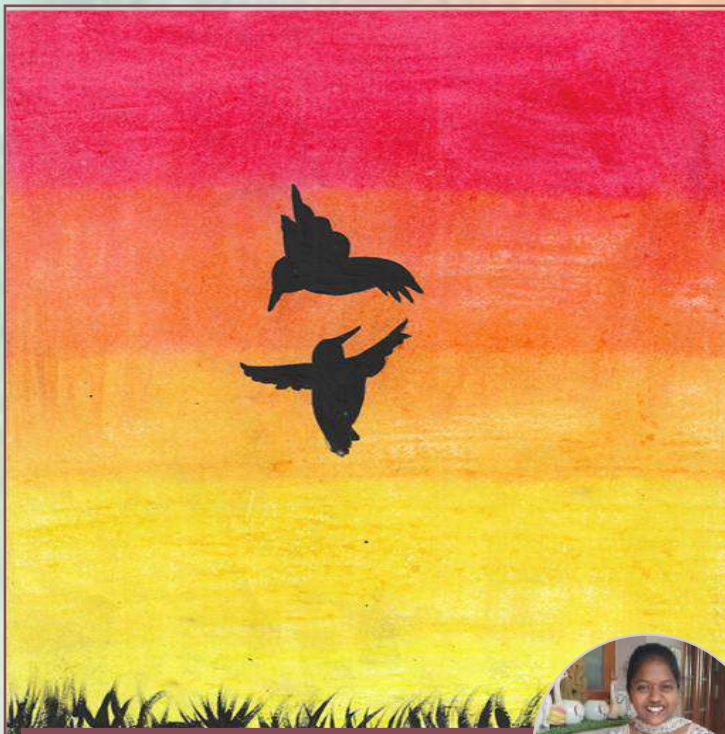




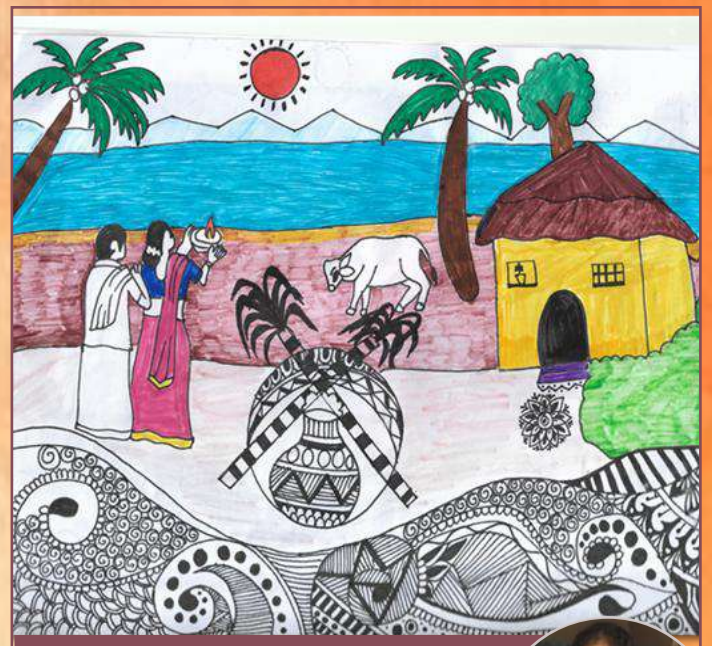
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Art by: V. Niharika
5th Pharm D



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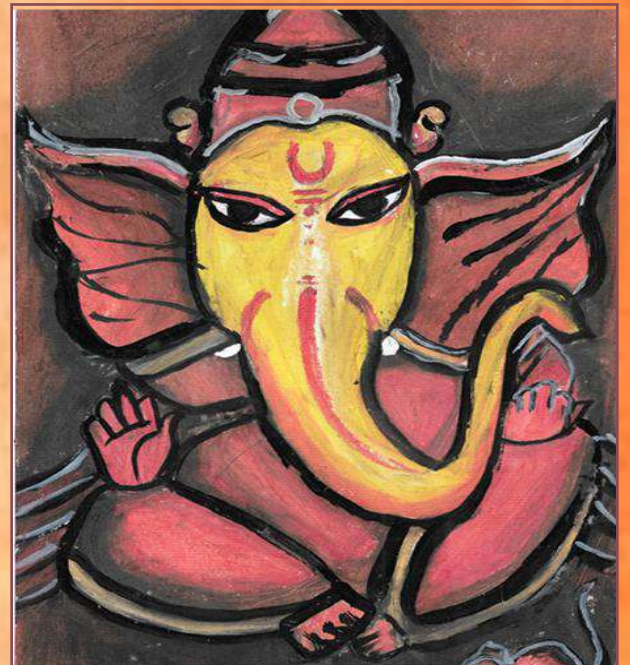
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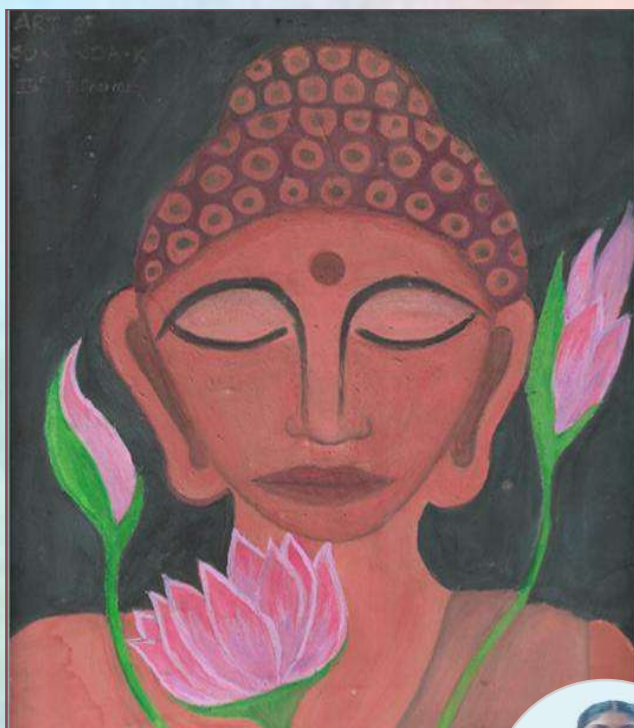


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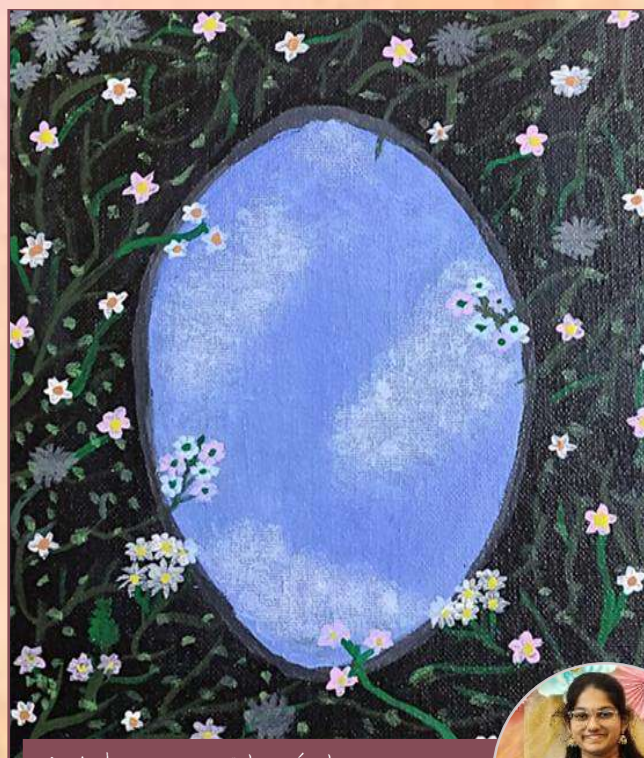


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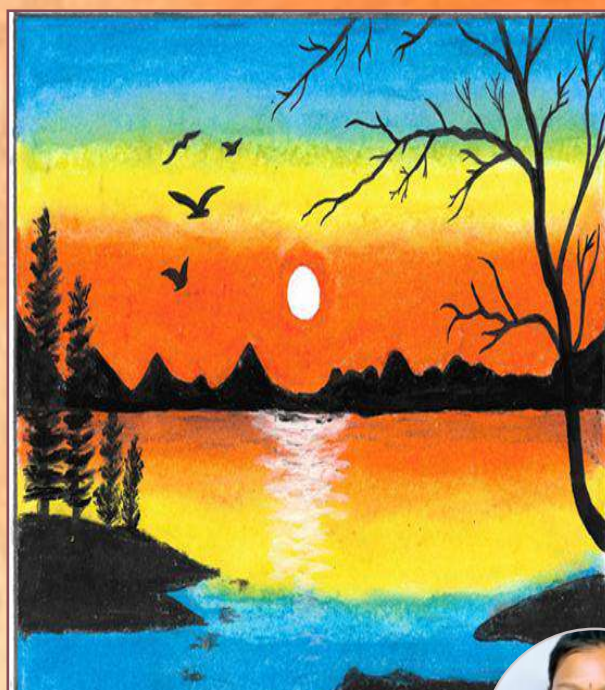
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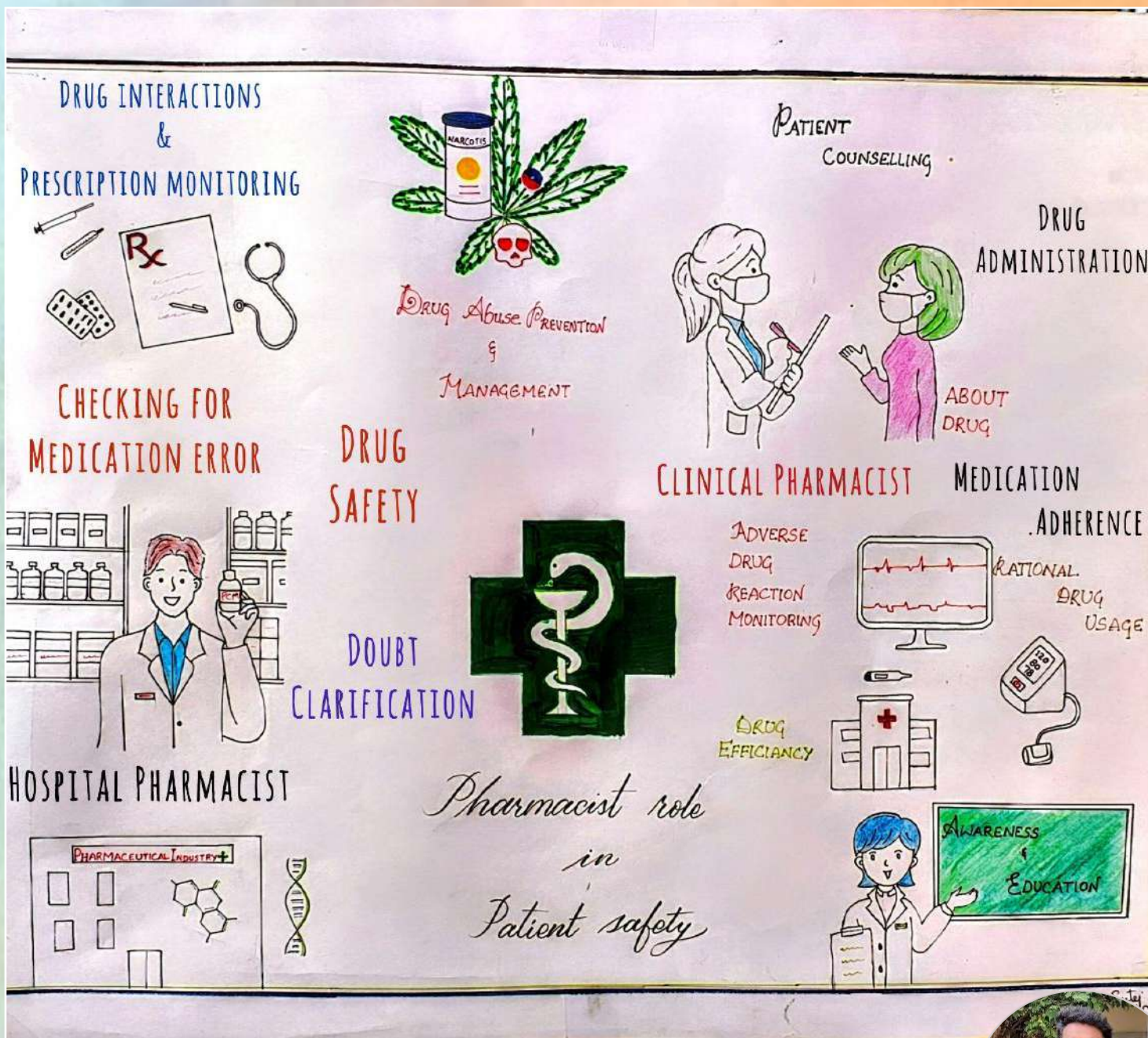
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POSTERS



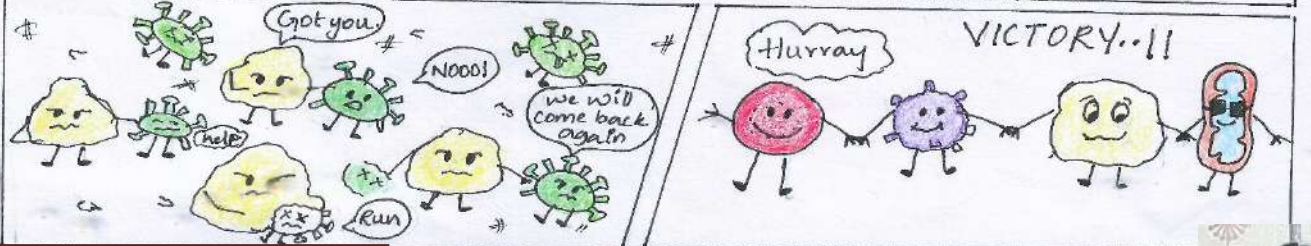
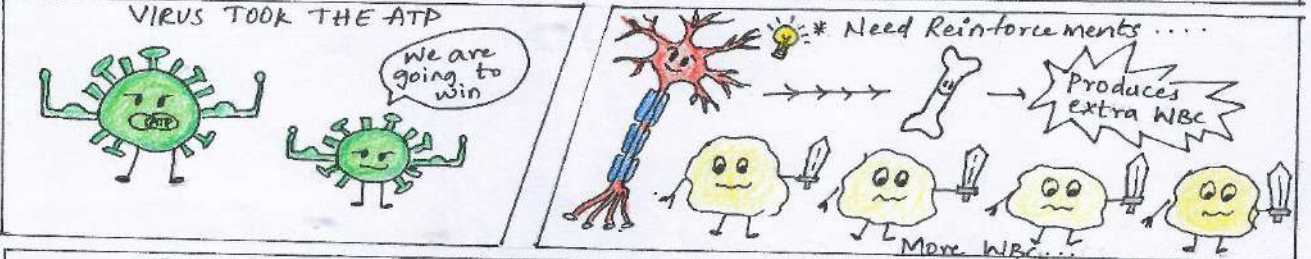
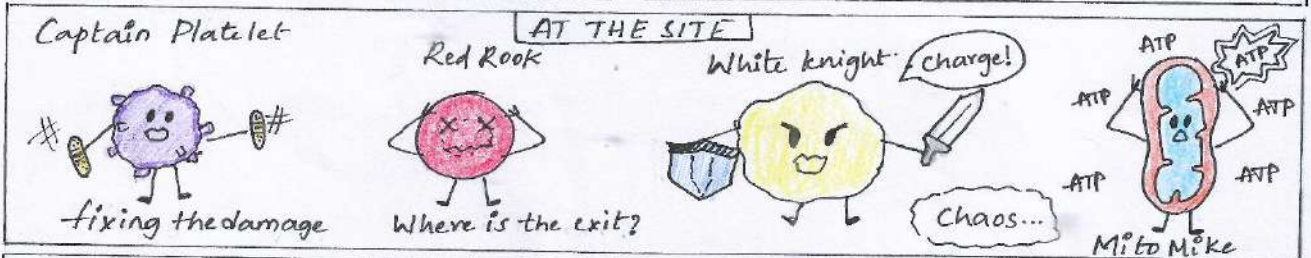
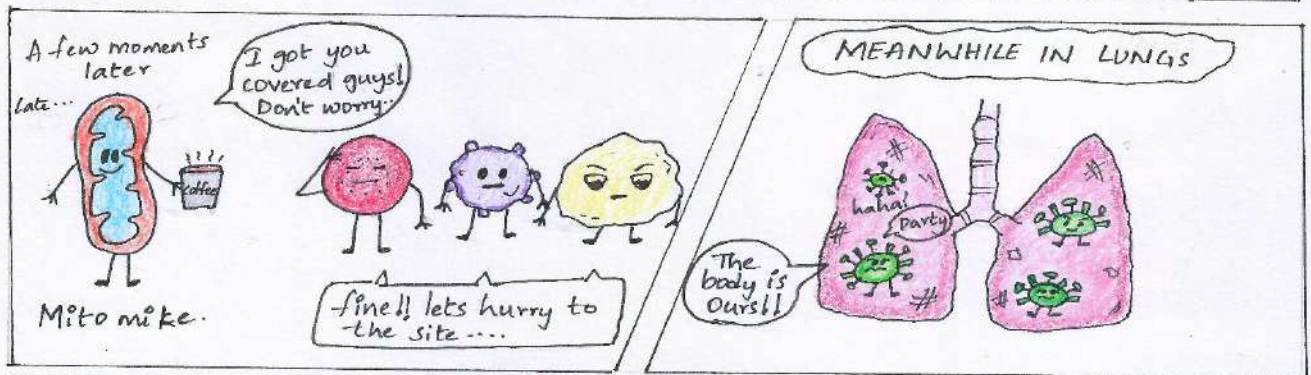
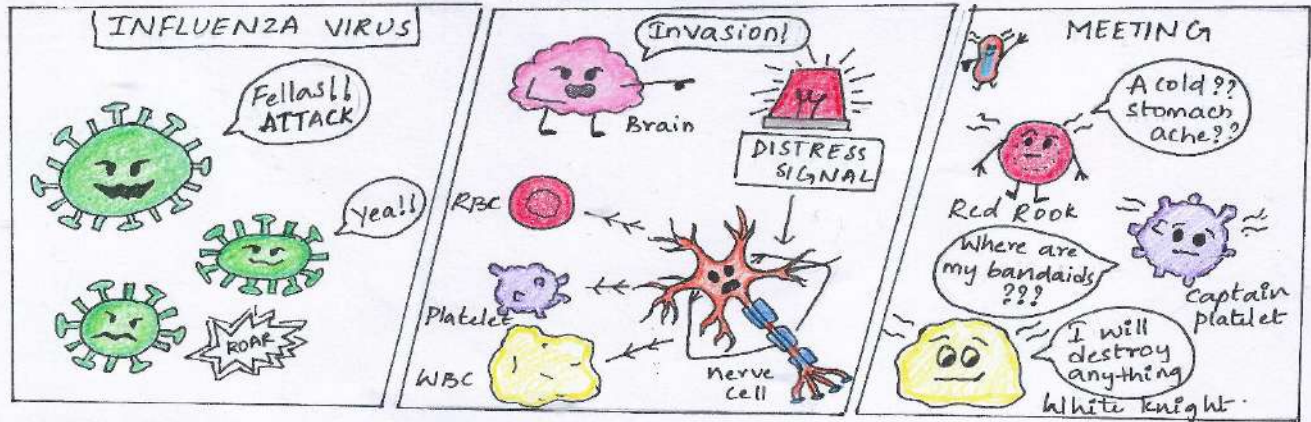
Art by: B. Sai Sutej

6th Pharm D



COMICS

* THE CELL SQUAD *



T N V L SUSMITHA

2nd B pharmacy



A . BHAVYA SREE

2nd B pharmacy



ARTWORKS



Nature's Artistry: Leaves in Motion

Dr. Sk. Arifa Begum
Assistant professor



B. LAHARI
3RD B.PHARM



Mehendi



V. Niharika

5th Pharm D



K. Indu

4th B. Pharmacy



S.U.S.S TEJASWINI

3RD B. PHARM



Pencil Sketches And Drawings

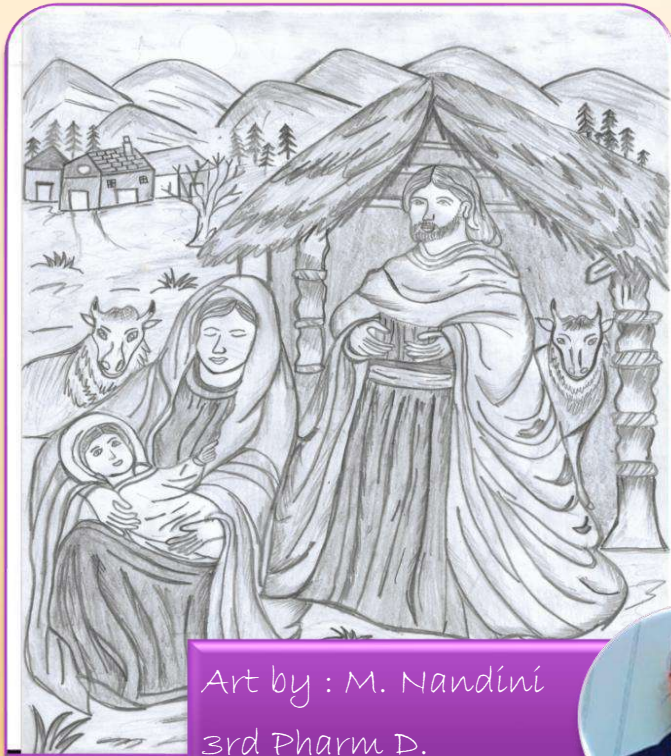


Art by : A. Niharika
4th Pharm D.



Art by : S. Teja
Manikanta
4th Pharm D.



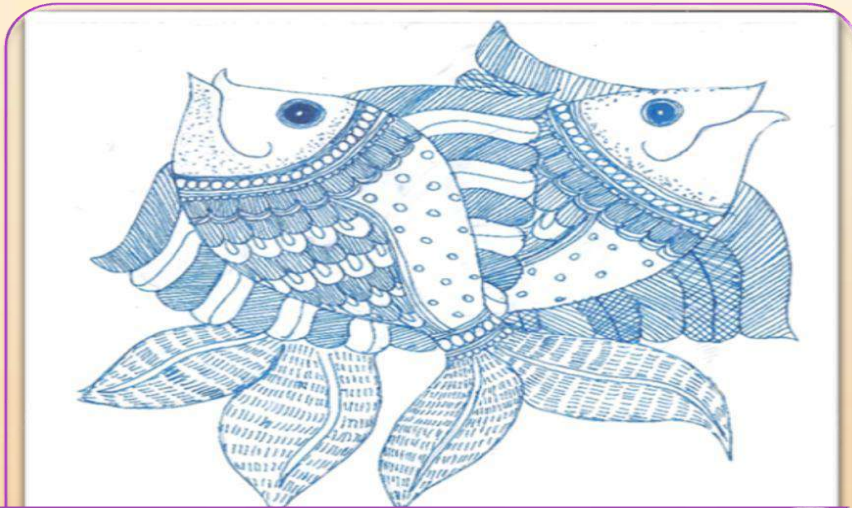


Art by : M. Nandini
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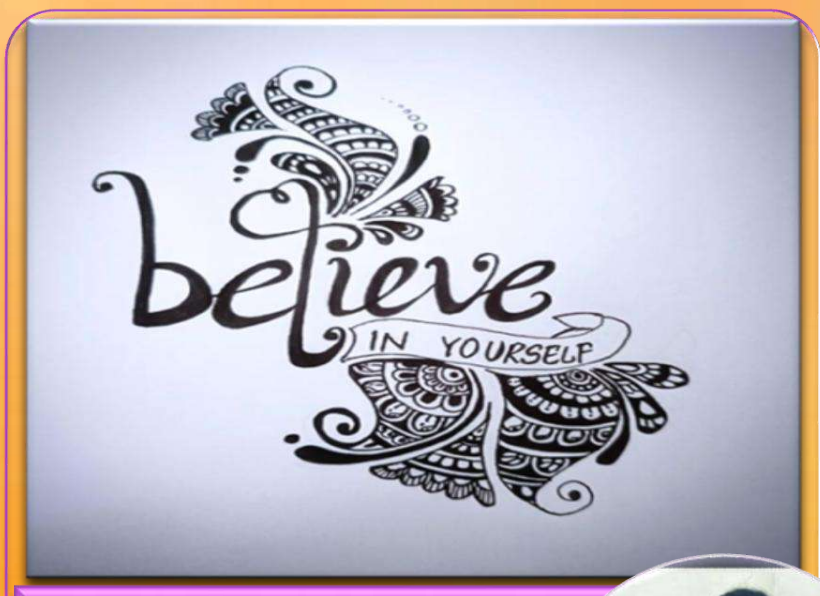


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Art by : Sri
Ramya RVS
3rd B Pharm



Art by: D.
Vyshnavi
3rd B. pharm





Art by: K.
Divyambika
3rd B. Pharm



Art by: Lata Sree
Bathina
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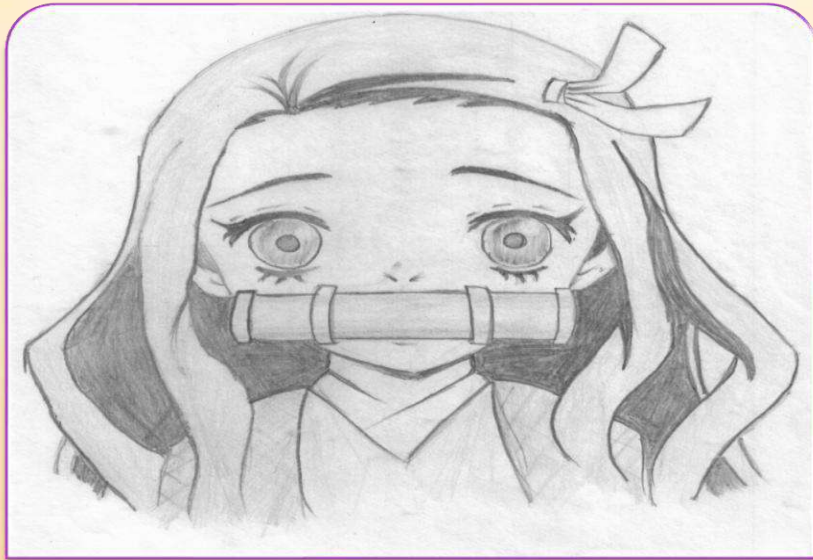


Art by: ChAbhinav
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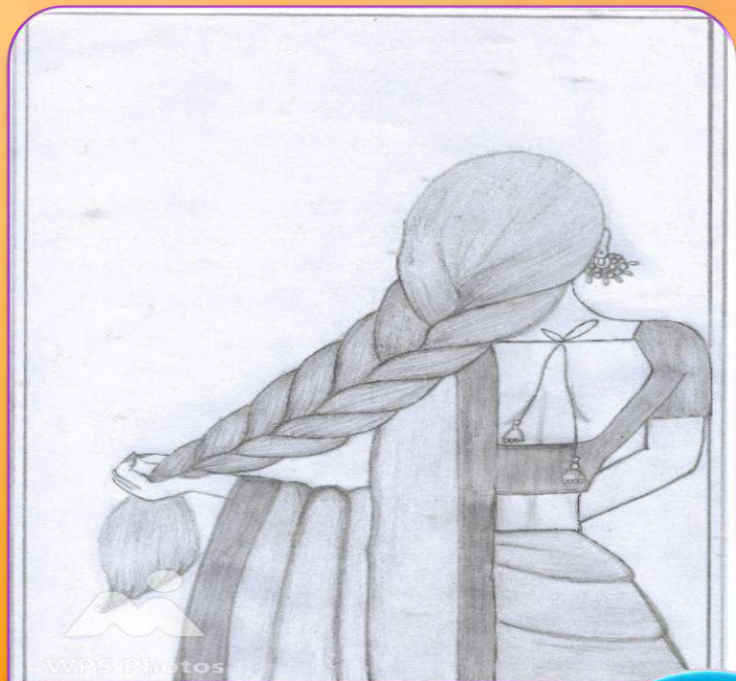


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Art by: Naga
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1st Pharm D





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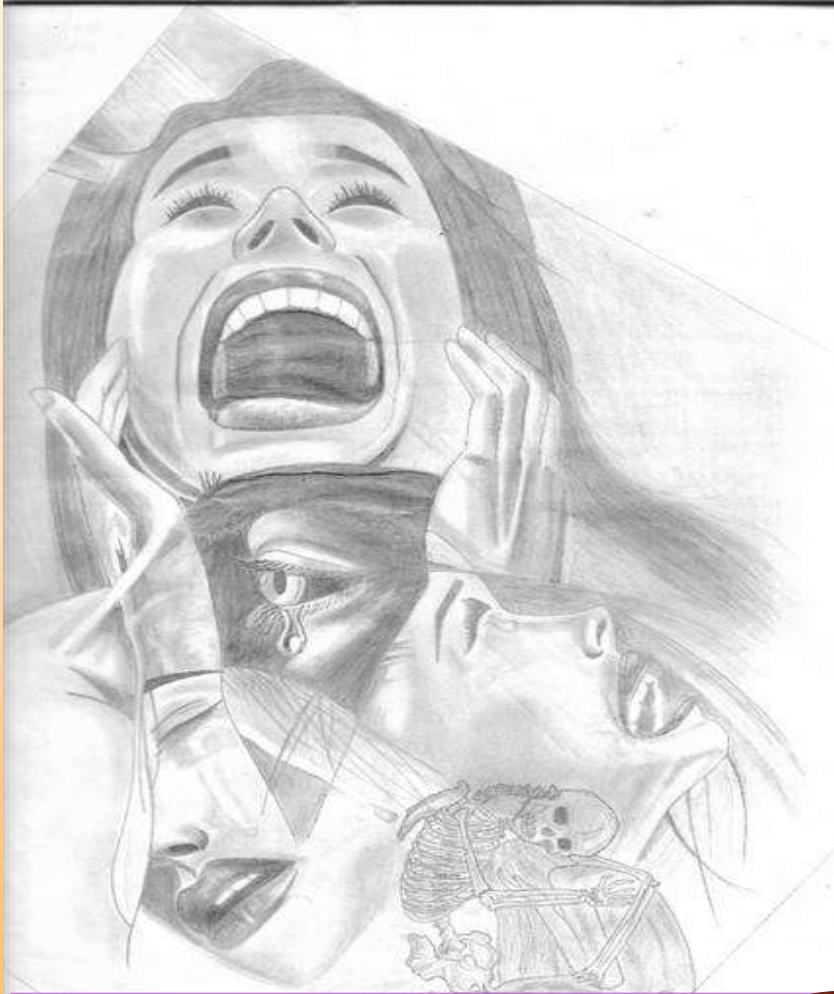
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6th Pharm D





Art by: V. Niharika

5th Pharm D







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