



ST PAULS PULSE

A Quarterly Newsletter
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2022

PUBLISHER

 **St. Pauls**
College of Pharmacy

Approved by PCI, Affiliated to Osmania University
Accredited by NBA (UG Program) and NAAC with 'A+' Grade

INDEX

S.NO	TOPICS	PAGE NO
1.	ABOUT THE INSTITUTE	1-2
2.	VISION AND MISSION	3-4
3.	EDITORIAL MESSAGE	5-6
4.	BEYOND CLASS ROOM	7-10
5.	WEBINARS	11
6.	EVENTS	12-14
7.	ACHIEVEMENTS	15-16
8.	COMMUNITY OUTREACH	17
9.	PLACEMENTS	18-19



ST PAULS PULSE

An SPLP Belonging

ABOUT THE INSTITUTE

St. Pauls College of Pharmacy was established in 2007, approved by All India Council for Technical Education (AICTE), Pharmacy Council of India (PCI), New Delhi and affiliated to Osmania University, Hyderabad. NBA for B. Pharmacy Course for the period of three years (2021-22 to 2023-24) The college is situated in a serene and beautiful campus which is conducive for imparting quality education, helpful for the growth of knowledge and career building. The College has provided excellent credentials in the field of Pharmacy Education with a clear focus on the peaceful learning environment and sophisticated infrastructure.



HIGHLIGHTS OF THE INSTITUTE

- NBA for B. Pharmacy Course for the period of three years (2021-22 to 2023-24).
- ISO Certified Institution.
- Acquired NSS Unit from Osmania University.
- NIPER -2019, All India – 1st Rank, GPAT -2019, All India – 7th Rank, TSPGECET-2019 – State 1st Rank.
- 90% of our appeared students have qualified TSPGECET -2019, out of which 23 students secured below 1000 rank.
- TSPGECET-2020 – State 6th Rank, TSPGECET-2021 – 42 Students Qualified.
- MoU's with Pharma Industries, Universities & State Government Research Organizations.
- One among the top IPA-SF student chapter in India.
- Far ahead in crisis management during pandemic (2019-21).
- Significant contributions to communal services from Pharm.D department.
- Placements in multinational companies.
- Successful Conduction of national & international level competitions for faculty and students.
- Student governance & student centric education.
- Strong Mentoring system.
- Research and Innovation Eco-System.
- Organization of need based workshops, conferences & seminars (blended).



VISION

To be the most reliable source for education, teaching, research in pharmaceutical and allied sciences to serve the needs of the healthcare system.

MISSION

To train and develop the students into professional pharmacists through innovative teaching-learning and research methods with the objective of student centric education.

QUALITY POLICY

Nurturing the students with quality education and overall development in Pharmacy and allied fields through dedicated faculty and state-of-art infrastructure.



EDITORIAL BOARD

- Editor in Chief : Dr. Kiranmai Mandava, Principal,
St Pauls College of Pharmacy.
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Dr. K. Venu Madhav
- Assistant Editor : Mrs. Naga Haritha
Mrs. P. Jagruthi
S Neeraja Rani

STUDENT EDITORIAL MEMBERS

STUDENT	COURSE & YEAR
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P. Sanjana	B Pharm 4th year
Soujanya Durisheety	Pharm-D 4th year
G. Anand Goud	B Pharm 4th year
Pitla Soujanya	B Pharm 3rd year
Sainath Chary Gannoji	Pharm-D 4th year
V. Nimisha	B Pharm 3rd year
Balraman Ramya	Pharm-D 3rd year
Rachana Jha	B Pharm 2nd year
N. Venkata Bhargavi	B Pharm 4th year
Najiha Abdul Raheem	Pharm-D 5th year
Yahthika Sangam	B Pharm 4th year



EDITOR MESSAGE

Neurotoxin botulism

Introduction-

Botulism (“BOT-choo-liz-um”) is a rare but serious illness caused by a toxin that attacks the body's nerves and causes difficulty breathing, muscle paralysis, and even death.

This toxin is made by *Clostridium Botulinum* and sometimes *Clostridium butyric* and *Clostridium baratii* bacteria.

Botulinum toxin, is one of the most poisonous biological substances known. It is a neurotoxin produced by the bacterium *Clostridium Botulinum*, an anaerobic, gram-positive, spore-forming rod commonly found on plants, soil, water and the intestinal tracts of animals.

It is also called “miracle poison”. Botulinum elaborates eight antigenically distinguishable exotoxins (A, B, C1, C2, D, E, F and G). Type A is the most potent toxin, followed by types B and F toxin. Types A, B and E are commonly associated with systemic botulism in humans.

All serotypes interfere with neural transmission by blocking the release of acetylcholine, the principal neurotransmitter at the neuromuscular junction, causing muscle paralysis.

Botulinum toxins now play a very significant role in the management of a wide variety of medical conditions, especially strabismus and focal dystonia, hemi facial spasm, and various spastic movement disorders, headaches, hyper salivation, hyperhidrosis, and some chronic conditions that respond only partially to medical treatment.

Intoxication can occur naturally as a result of either wound or intestinal infection or by ingesting formed toxin in food.



Botulinum toxin is used to treat a number of disorders characterized by overactive muscle movement, including cerebral palsy, post-stroke, spasticity, post-spinal cord injury spasticity, spasms of the head and neck, eyelid, vagina, limbs, jaw, and vocal cords. Similarly, Botulinum toxin is used to relax the clenching of muscles, including those of the esophagus, jaw, lower urinary tract and bladder, or clenching of the anus which can exacerbate anal fissure. While Botulinum toxin is generally considered safe in a clinical setting, serious side effects from its use can occur. Most commonly, Botulinum toxin can be injected into the wrong muscle group or with time spread from the injection site, causing temporary paralysis of unintended muscles. There can be mild injection pain and local edema, erythema, transient numbness, headache, malaise or mild nausea.

Foodborne botulism may be prevented by the inactivation of the bacterium and its spores in heat-sterilized (for example, retorted) or canned products or by inhibiting bacterial growth and toxin production in other products.

The Five Keys are:

1. keep clean
2. separate raw and cooked
3. cook thoroughly
4. keep food at safe temperatures
5. use safe water and raw materials.



Dr. Kiranmai Mandava
Principal



BEYOND CLASSROOMS

ENTREPRENEURSHIP TRAINING

In order to make the students achieve excellence in academic education and to access beyond classroom training on exploration of entrepreneurial opportunities in the market and start up strategies.

The Institutional Innovation Council (IIC) St. Pauls College of Pharmacy had organized visit on 25th June 2022 to Osmania University – Training and business Incubation Center to attain the knowledge and skills about Entrepreneurship, and Idea generation.



INTERACTIVE SESSION WITH DR. YOGENDRA, PRESIDENT OF IPASF

"Guidance is like a small torch in a dark."

It does not show everything at once. But gives enough light for next step to be safe. It was a great experience to had an insightful interaction with Dr. K. Yogendra, President, IPA-SF about the initiatives and the perspectives of IPASF.



WORLD HEALTH DAY

On April 7, the World Health Organization chooses to highlight a special theme current in the wellness and medical world. Ranging from mental health to insurance and everything in between, this day sets the tone for what's to come in the world stage. This year's World Health Day will shine a light on nurses and midwives, restless workforce that revolutionized the healthcare industry as we know it today.



The Theme for World Health Day 2022 is "Our Planet, Our Health."



INTERNATIONAL DAY AGAINST DRUG ABUSE & ILLICIT TRAFFICKING

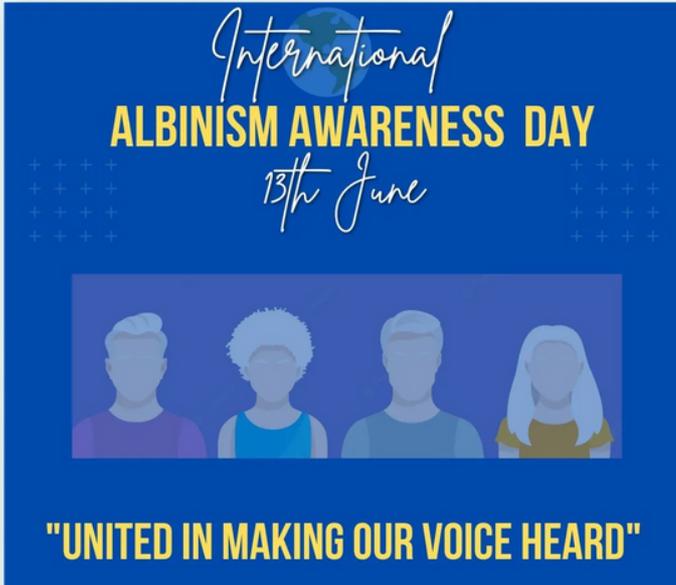
The International Day against Drug Abuse and Illicit Trafficking, is marked on 26th June every year to strengthen action and cooperation in achieving a world free of drug abuse.

On the account of international Day against Drug Abuse and Illicit Trafficking the IPASF St Pauls chapter given information leaflet on Drug abuse and displayed in our IPASF College Notice board.

And each year, individuals like yourself, entire communities, and various organizations all over the world join in to observe world Drug Day to help raise awareness of the major problem that Illicit drugs pose to society.



INTERNATIONAL ALBINISM AWARENESS DAY



International Albinism Awareness Day is observed by the United Nations on June 13th every year. The Theme for International Albinism Awareness Day 2022 is "United in making our voice heard." According to the United Nations, the theme was chosen to include voices of persons with Albinism to ensure #Inclusion4equality; to celebrate how

groups of persons with Albinism in all domains of life; to encourage and celebrate unity among groups of persons with Albinism; to amplify the voices and visibility of persons with Albinism in all areas of life; to highlight the work being done by Albinism groups around the world.

What is Albinism?

Albinism is a rare, non-contagious, genetically inherited difference present at birth.



It results in a lack of pigmentation (melanin) in the hair, skin and eyes, causing vulnerability to the sun and bright light. As a result, almost all people with albinism are visually impaired and are prone to developing skin cancer. There is no cure for the absence of melanin that is central to albinism.

Health challenges of people living with Albinism

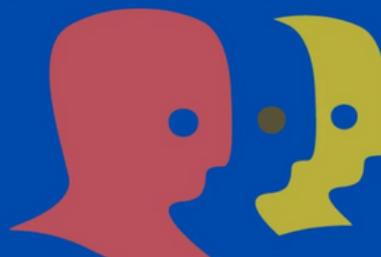
The lack of melanin includes people with albinism that are highly vulnerable to developing skin cancer. In some countries, majority of the people with albinism die from skin cancer between 30 and 40 years of age. Due to lack of melanin in the skin and eyes, people with albinism often have permanent visual impairment.

PRECAUTION

Skin cancer is highly preventable when people with albinism enjoy their right to health. This includes access to regular health checkups, sunscreen, sunglasses and sun-protective clothing.

NOT GHOSTS BUT HUMAN BEINGS

The worst expression of discrimination against people with albinism is their dehumanization, which lays the foundation for horrifying physical attacks against them.



WEBINARS

GUEST LECTURE- LEADERSHIP & HEALTH INFORMATICS

St Pauls College of Pharmacy has organized Guest lecture on leadership and health informatics in collaboration with Avenida on 25th April 2022, at 10.00 AM.

Staff members and Students of B Pharmacy and Pharm D have participated in the session. The event was conducted by Dr. Ashwini Dhar, President and co-founder of Avenida and Dr. Karthik Rakam, CEO, Avenida.



EVENTS

SAVE SOIL-AWARENESS PROGRAMME

St Pauls College of Pharmacy has Organized Awareness program on SAVE SOIL in collaboration with ISHA foundation on 7th May 2022, as a part of NSS and Crisis management.



ROAD SAFETY AWARENESS PROGRAMME

Road accidents now a days have become one of the prominent issue's in society and the mortality is increasing by these road accidents, students are the future generations to create society with road safety.

NSS – CELL and IPA-SF of St. Pauls College of Pharmacy has organized Road Safety Awareness Programme in collaboration with Mr.R.S.



YOGA SESSION BY ISHA FOUNDATION

College life is an important stepstone in the life of any student. The excitement to delve into the newer realms, the expectancy of what lies ahead, and the eagerness to make the most out of college life are rampant in every college student's mind.

Finding its roots in Ancient India, Yoga literally translates to 'Union'. Now that we know the expansive range of benefits by practicing Yoga routinely has, one can easily start with the basics.

Session was guided and collated by ISHA FOUNDATION with St Pauls College of Pharmacy on 21st June 2022, would prove beneficial for people to understand and practice the basics of Yoga and adopting it in their routine.



NATIONAL SCIENCE DAY

NSS St. Paul's Team have organized Idea Club Discussion on the occasion of National Science Day 2022; 21/04/2022. Under the guidance of NSS Programme Coordinator Dr. Somnath De . Students of different colleges have actively presented their Scientific Models and made it a grand success.



WORLD EARTH DAY

The plantation program was organized under NSS (National Service Scheme). The students of NSS unit of St. Paul's college of Pharmacy participated in the activity and planted the trees in the college premises. They all pledged to plant more and more trees with the time and care of plants to provide with basic needs as and when needed.



ACHIEVEMENTS

STUDENTS

Hearty Congratulations to **GPAT & NIPER Rank Holders** of 2022.



FACULTY

Hearty Congratulations to Dr. Kiranmai Mandva, Professor & Vice Principal, Pharmaceutical Chemistry for achieving Best Achiever Awarded 2022 & Young Performer Award 2022.





Hearty Congratulations to Dr. Somnath De, Professor Pharmacology for being awarded with APP Outstanding Oration 2021 and Appreciation Award 2022 in the AY 2021-22.

Hearty congratulations to Dr. Sneha Thakur, Associate Professor, Pharmacognosy for achieving APP Outstanding Oration Award 2022 in the AY 2021-22.



Hearty congratulations to Mrs. Jagruthi Peddapaka, Assistant Professor, Pharmaceutical Chemistry for achieving Women Researcher Award 2022 for AY 2021-22.

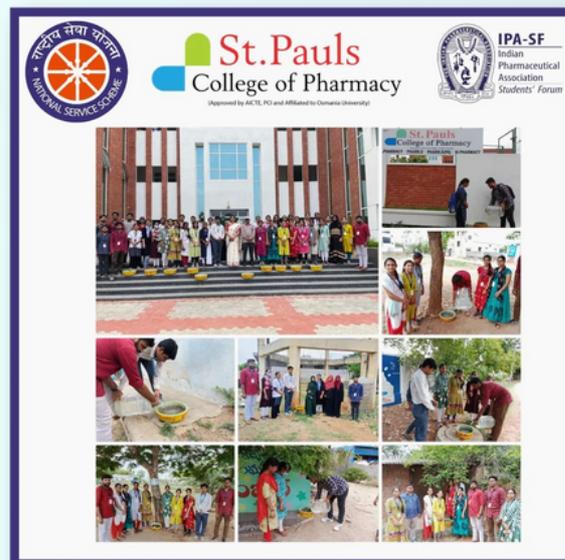
Hearty congratulations to Mrs Deepika. B for achieving APP outstanding Oration Award 2022 in the AY 2021-2022.



COMMUNITY OUTREACH

SOCIO HAND TOGETHER-WATER FOR VOICELESS'

We St. Pauls College of Pharmacy in association with NSS Club St. Pauls, IPASF St. Paul's Chapter, All for Animals foundation and Pharma Socio Hands Together conducted a programme Entitled The 'Water for voiceless' initiative, by keeping Water Bowls to do their bit to feed the voiceless animals, which is being organised all over the Turkyamjal village.



'Water for voiceless' to ensure no animal goes thirsty this summer. The searing heat has been taking its toll on people, plants, as well as animals and birds. NSS volunteers have taken pledge to ensure that the water bowls to be filled with water to feed the animals.

WORLD HEMOPHILIA DAY

World Hemophilia Day was started by the World Federation of Hemophilia (WHF) and is annually observed on 17th April. The international community started observing WHD in 1989 and April 17 was chosen to recognize Frank Schnabel's the founder of WHF birthday. World Hemophilia Day is aimed at raising awareness about hemophilia and other bleeding disorders.



PLACEMENTS

Hearty Congratulations to all the students placed with Hetero Drugs on 24th June 2022. All the best for upcoming future endeavours.

B. PHARMACY & PHARM.D STUDENTS FOR BEING PLACED IN

Medi Assist

JOB ROLE: EXECUTIVES & SENIOR EXECUTIVES

CTC: 2.4 LPA

SONA MASS	SUCHITHA	S. SOWMYA	P. REECHA	P. SANJANA	N. SATHWIKHA	M. ANUSHA
K. NIKHITA	JUVERIA SULTANA	J. SANTHOSHNA	G. VAISHNAVI	G. NIKHITHA	G. NAGA CHANDRIKA	G. ANAND
D. ANISH	D. TEJASWI	CH. PRATHIBHA	C. DIVYA JYOTHI	AYESHA OSMAN	ASHWARYA	SAI MEDHANA

Hearty Congratulations to all the B.Pharmacy students for getting placed with MSN Laboratories Ltd. as Junior Executive (Production, Quality Control, Quality Assurance)

ESTD: 2007

Hearty Congratulations

B. PHARMACY STUDENTS FOR BEING PLACED IN

MSN LABORATORIES LTD.

JOB ROLE: JUNIOR EXECUTIVE (PRODUCTION, QUALITY CONTROL, QUALITY ASSURANCE)

S SOWMYA 256518881079	P SANJANA 256518881065	SATHWIKHA 256518881058	P. REECHA 256518881069	G. ANAND 256518881021	JUVERIA SULTANA 256518881031	P LAVAN KUMAR 256518881064
A MANOJ 256518881011	T TEJA SRI 256518881087	A DEEPAK SUNDER 256518881099	NAIK AZHARUDDIN 256518881059	N VENKATA BHARGAVI 256518881000	E BALAJI 256518881039	P RAVI TEJA 256518881049
VIDYA KUMARI 256518881086	T RAMAKRISHNA 256518881089	SANA BEGUM 256518881074	SARA FATIMA 256518881075	SYED NABEERUDDIN 256518881064	T SAI PRAKASH REDDY 256518881009	E SRIPARI 256518881019



Hearty Congratulations to all the B.Pharmacy and M.Pharmacy students for being placed with Excelra in association with Arete IT Services Pvt. Ltd. as Scientific Data Analyst with a package of 2.4 LPA.

Hearty
Congratulations

B. PHARMACY & M. PHARMACY STUDENTS
FOR BEING PLACED IN

By  **excelra**

In association with  **arete**
IT SERVICES PVT. LTD.

JOB ROLE: SCIENTIFIC DATA ANALYST
CTC:
2.4 LPA


Nudrath


Murugan Nithya


N. Prathyusha


D. Sowmya


N. Shailaja



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