



SRI PADMAVATHI SCHOOL OF PHARMACY

Mohan Gardens, Vaishnavi Nagar, Tiruchanoor (PO), Chittoor (Dist.), AP - 517503
(AUTONOMOUS)

SPSP-DARPANAM



(JULY 2023- SEPTEMBER 2023)
QUARTERLY COLLEGE MAGAZINE



SRI PADMAVATHI SCHOOL OF PHARMACY

Mohan Gardens, Vaishnavi Nagar, Tiruchanoor (PO), Chittoor (Dist.), AP - 517503
(Accredited by NAAC "A" Grade, Accredited by NBA (for UG-Pharmacy up to 2025), Approved by AICTE & PCI,
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From the Chairperson's desk....



Our vision is based on hard work, open communication, a strong emphasis on team work and a high level of responsibility. This visionary culture allows and emphasizes our wards not only to adopt the present-day challenges but also individual responsibilities to the society and our nation at large. Learning should be based on doing things and not merely knowing things. Until and unless learning solutions relate to real life and motivate the learner to acquire and apply the knowledge, the whole process will remain superficial. Our institution has set specific objectives and planned activities for achieving excellence in all spheres of technical education.

I take this opportunity to express that every effort is made to improve the existing best services to bring out the best for the welfare of our institution and the growth of our students. **With best wishes**

Yours Smt. P.Sulochana

From the Director desk...



We cannot always build the future for our youth, but we can build our youth for the future."

I am quite pleased to learn about the forthcoming issue of the college magazine

Dear students, "You are the nation-builders. You are the movers of technology. You are the agents of change." It is our **STRONG BELIEF** that the years that you spend in SPSP would enable you to equip with leadership and managerial skills.

"You don't have to be great to start, but you have to start to be great."
With best wishes

Yours Mr.P.Praneeth

From the Principal desk....



The prestigious, Sri Padmavathi School of Pharmacy, since its inception in 1997 has made remarkable progress by following the mantra of student centric approach, whether it is in academics or in extra co-curricular activities. The institute possesses a state of art infrastructure with equipped laboratories, well stocked library and highly qualified faculty. We at, SPSP introduce our students to the Outcome Based Education and trained with skills in various disciplines.

In addition to developing excellent scientific and clinical based skills, the students are motivated not only to dream big but also encouraged to think unconventionally to face the challenges of the future and provide platform for Entrepreneurship.

Sports and other co-curricular activities are encouraged and the students are given every form of support to develop their talents in all fields. Our brand of education does not have narrow horizons, we believe in exposure. Our students are encouraged to widen their knowledge base and study beyond the confines of the syllabus.

With best wishes

Yours Dr.D.Ranganayakulu

Editor's message



A thought that has been enduring in mind when it becomes real; is truly an interesting and exciting experience. This news letter was one such cherished work that had its roots in the persuasion.

“Good leaders create a vision, articulate a vision and passionately owns a vision and turn it into a reality” - Jack Welch.

Coming to the collage magazine, I expect full cooperation from my fellow students and peers. New ideas, new sections in the issue of 2021 are always welcome by the Editorial Board. The editorial board is looking forward to make this magazine a vehicle for students to express their innermost thoughts.

I would like to thank all my editorial team members for helping me pull this through. I These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible.

Thank you all!!

Dr.A. Srinivasa Charan

Vision

Promote holistic learning, nurture ethically strong and highly competent pharmacy graduates to serve the global healthcare system.

Mission

- M1:** To provide innovative and contemporary educational experiences of the highest quality.
- M2:** To instill ethics, sense of professionalism, communication and leadership skills.
- M3:** To promote and nurture the research and scholarly activities.
- M4:** To foster entrepreneurship and life-long learning.

Program Educational Objectives (PEOs)

- PEO1:** To produce competent pharmacy graduates with adequate knowledge and technical skills in the core and allied areas of pharmaceutical sciences & technology and to serve the needs of the health care system.
- PEO2:** To promote research and scholarly activities to identify, assess, formulate problem and execute solutions for the betterment or advancement of pharmaceutical sciences.
- PEO3:** To develop communication skills, leadership qualities, team building skills and instill the sense of professional ethics and social responsibilities in graduates.
- PEO4:** To prepare the graduates for life-long learning through their effective participation in professional and societal activities, integrate their knowledge and skills with contemporary needs of the society and for their highly productive career.



SRI PADMAVATHI SCHOOL OF PHARMACY

Mohan Gardens, Vaishnavi Nagar, Tiruchanoor – 517 503.

APPGECET - 2023 RANK HOLDERS



RANK-169

Y SASIKALA
HT. No. 19421R0053



RANK-328

KOLATHUR PANDYAN VADAYAR
HT. No. 19421R0046



RANK-328

T M SATISH
HT. No. 19421R0086



RANK-496

MALA SIRISHA
HT. No. 19421R0055



RANK-632

BACCHU VARSHINI
HT. No. 19421R0009



RANK-632

CHITRALA VENKATARAMANA
HT. No. 19421R0021



RANK-632

P M THEJESWINI
HT. No. 19421R0066



RANK-726

KALIKIRI SINDHU
HT. No. 19421R0038



RANK-811

KOKKARLA VYSHNAVI
HT. No. 19421R0045



RANK-811

G VIDYA
HT. No. 19421R0029



RANK-913

ENUGONDA YAMINI
HT. No. 19421R0027



RANK-997

T AYESHA
HT. No. 19421R0089



RANK-1088

ORUPALLI KAVYA
HT. No. 19421R0064



RANK-1181

SATHRAVADA HEMACHANDRA
HT. No. 19421R0080



RANK-1601

SHAIK FOUSIA
HT. No. 19421R0081

✓ Publications

- ✚ **Dr. P.Keerthisikha Palur & Dr. A Sreenivasa Charan Archakam published article on Development and Validation of Chemometric Assisted UV Spectroscopic Methods for the Simultaneous Determination of Amitriptyline Hydrochloride and Propranolol Hydrochloride in Marketed Formulation in Asian journal of chemistry on 31-august 2023.** The present work discusses the development and validation of chemometric assisted UV spectroscopic methods for analyzing two drugs amitriptyline hydrochloride and propranolol hydrochloride in their marketed formulation. The developed methods are two prominent chemometric models namely, principal component regression (PCR) and partial least squares regression (PLS) on which several research articles have been published for their immense contribution in the quantification of multi-component formulations. Linearity of the UV spectroscopic method was in the concentration ranges of 3-15 µg/mL of amitriptyline hydrochloride and 5-45 µg/mL of propranolol hydrochloride. The PCR and PLS chemometric models were established by employing fourteen mixtures as a calibration set and five mixtures as a validation set and were executed in the wavelength range of 240-320 nm with data interval of 5 nm. The statistical parameters obtained from both the methods revealed their validity and hence allows their suitability for analysis in regular quality control laboratories.
- ✚ **Dr. T.S Durgaprasad published article in Drug health care and patient safety journal on 14th September 2023 on topic “Evaluation of Rational Drug Use Based on WHO/ INRUD Core Drug Use Indicators in a Secondary Care Hospital: A Cross-Sectional Study in Western Uganda”.** Rational drug use (RDU) promotes safe, efficient, and cost-effective utilization of medicines in hospital settings. The aim of this study was to assess rational drug use based on the World Health Organization (WHO) and the International Network for Rational Use of Drugs (INRUD) core drug use indicators. Patients and Methods: This prospective, descriptive, hospital-based cross-sectional study was conducted among patients attending the Outpatient Department of a secondary care hospital located in the Sheema District of Western Uganda. A total of 450 prescriptions were prospectively collected from eligible patients and subjected to evaluation by using the WHO/INRUD

core drug use indicators (prescribing, patient care, and health-facility indicators). Results: The average number of drugs prescribed per encounter was found to be 3.2 (optimal value=1.6–1.8). The percentages of drugs prescribed by their generic name (90.48%) and from the Essential Medicine List (96.23%) were close to the WHO reference (100%). The percentage of antibiotics (66.22%) and injections (25.22%) per encounter exceeded the WHO standards (antibiotics=20.0–26.8; injections=13.4–24.1). Among the patient-care indicators, the average consultation time (5.41 minutes), average dispensing time (131.03 seconds), percentage of medicines dispensed (76.11%), percentage of medicines adequately labeled (59.74%), and percentage of patients with dosage knowledge (49.50%) did not meet the WHO reference. Facility indicators such as the percentage of key medicines available in the stock (66.67%) did not conform to the WHO optimal value. The hospital made the EML hundred percent available to all practitioners. Conclusion: The study concludes that the prescribing, patient care, and health facility indicators at Sheema District Secondary Care Hospital deviate from the optimal values recommended by the WHO. Therefore, this study indicates a need for improvement on these indicators and a requirement for the ongoing educational initiatives focused on rational drug prescribing, dispensing, and patient use in order to comply with the standards set by the WHO.

🚩 **Dr.B Kishore bandarpalle published article in international journal of applied pharmaceutics on 14 august 2023 with title “Design and optimization of nano encapsulated berberis asiatica bio compounds”.** The current study goal is to develop and optimize nanoencapsulated biocompounds of *Berberis asiatica* (BCBA) utilizing the ionic gelation process to target the kidney for antiurolithiatic activity. Methods: Nanoencapsulated BCBA was prepared employing the ionic gelation method. Box Behnken Design (BBD) 3-factor, 3-level is used to examine the effects of formulation parameters and to enhance the desired responses. Characterization studies include Fourier transform infrared (FTIR), X-ray diffraction (XRD), particle size, zeta potential, scanning electron microscopy (SEM), and transmission electron microscopy (TEM) performed to study the quality of optimized nanoparticles. Results: Mathematical equations and response surface plots were used to relate the dependent and independent variables. Diagnostic charts were used to show the varied factor level permutations. The percentages of entrapment efficiency (% EE) and drug release (% DR) used in evaluation studies of

optimized biocompounds of *Berberis asiatica* nanoparticles (OBCBANPs) were determined to be 83.7% and 78.33%, respectively. The Fourier transform infrared (FTIR) results showed that chitosan, sodium tripolyphosphate (NaTPP), and BACB were compatible. Due to chitosan and NaTPP gelation in the case of OBCBANPs, X-ray diffraction (XRD) analyses have acknowledged the crystallinity. The particle size and zeta potential of the optimized formulation, found to be 95.4 nm and 31 mV, respectively, indicate the nanoparticles are in the nano range and possess extreme stability by preventing particle convergence. Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM) studies reveal that the optimized formulation nanoparticles are spherical in shape, homogeneous, and have little aggregation. The accelerated stability studies showed that the optimized formulation was stable at different temperatures and relative humidity. Conclusion: The stable optimized formulation was prepared, evaluated, and characterized. BBD is employed to optimize the formulation by minimizing the number of experimental runs and enhancing the desired responses. The optimized formulation further needs to investigate the *in vivo* studies for antiurolithiatic activity by targeting the kidney.

✓ Patents

✚ **Dr. P.Keerthisikha Palur & Dr. A Sreenivasa Charan Archakam published patent** on BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ANTI-DIABETIC DRUG USING LIQUID CHROMATOGRAPHY COUPLED WITH TANDEM MASS SPECTROSCOPY.

✓ Guest lectures and workshops

- ✚ A guest lecture has been conducted on (15-07-2023) “Pharmaceutical Drug Product Life Cycle”. Mr. A. Venkateswara Reddy, Assistant General Manager, Giyaan Pharma Private Limited. Renigunta, Tirupati, served as a speaker for this session. The session was focused on the different stages involved in the development of pharmaceutical drug product which includes Preparation Phase, Development Phase, Development phase – Pilot BE batch, Technology transfer Phase, Exhibit batch phase & Drug product dossier compilation for filling Phase. 123 B. Pharm, Pharm D & M Pharm students and faculty are attended for this session and actively participated.



- ✚ A guest lecture has been conducted on (14-08-2023) “Role of Safety Pharmacology in drug development”. Ms. R. Rajeswari, Research scientist, Sugan Life Sciences, Tirupati, served as a speaker for this session. The session was focused on industrial methodology of drug discovery and development and how a chemical moiety is converted into drug. She also explained why only three important systems such as cardio vascular system, central nervous system and respiratory system are evaluated for the safety pharmacological studies. She

concluded her talk by advising the students to plan for a smaller yet complete methodology and attaining proper skills in the same rather than adding number of animal models. 84 B. Pharm students and faculty are attended for this session and actively participated.



- ✚ A guest lecture has been conducted on(01-09-2023) “Career Opportunities in Pharmaceutical Industry”. Mr. V. R. Charan Teja Reddy, Senior Executive, Hetero Pharma, Hyderabad, served as a speaker for this session. The session was focused on the different opportunities in pharmaceutical industry. He focused on the basic requirements a B pharm graduate need to build up to match the requirements of pharmaceutical industry. He also discussed the responsibilities and work nature in different departments in pharmaceutical industry. 83 B. Pharm final year students and faculty are attended for this session and actively participated.



- ✚ A guest lecture has been conducted on(22-09-2023) **“Role of Drug Safety in Chronic Diseases”**. Dr. R. Raja Lakshmi, Senior Pharmacovigilance Associate, SV Medical college, Tirupati, served as a speaker for this session. The session was mainly focused on the basic concepts in the development of ADRs to drugs, identification, assessment, and reporting of adverse drug reactions through different modalities of reporting experienced by patients with chronic diseases. 53 Pharm D students and faculty are attended for this session and actively participated.



✓ **NSS activities**

21.06.2023 – International Yoga Day

In association with IPA, Tirupati and AP Tourism Authority, Tirupati Hub, “International Yoga Day” was celebrated at our campus by Yoga Guru, Sri.C.B.Vasudeva Reddy, Ayush, Tirupati and practiced various yoga postures with the students. 75 members participated in this session. Dr.R.Ramana Prasad, Regional Director, AP Tourism Authority, Tirupati Hub was the Chief Guest for this session.



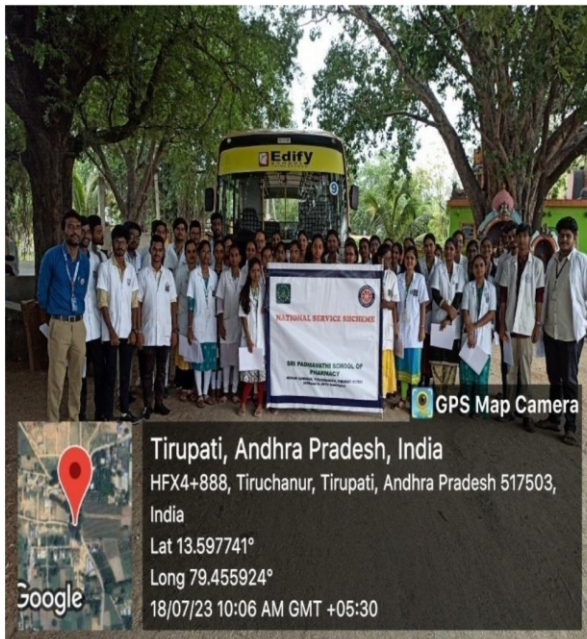
06.07.2023 – Dental Camp

In association with CKS Dental College, Tirupati, "A Dental Camp" as conducted at our campus. Dr. M.Sireesha, Dept. of Public Health Dentistry, CKS Dental College led the camp with her Team of 10 PG Interns. They provided awareness about oral health and hygiene with preliminary dental screening for students, staff, helpers, and gardeners of SPSP. More than 200 members were undergone preliminary screening in this camp.



18.07.2023 – NEET Survey

As per the guidelines of Ministry of Youth Affairs and Sports, our NSS Unit conducted NEET (Not in Formal Education or Regular Employment) Survey at our adopted village, Mundlapudi. 50 of our NSS volunteers participated in the survey.



15.08.2023 – Independence Day

77th Independence Day was celebrated at our campus. Our National Flag was hoisted by our Chairperson, Smt.P.Sulochana Garu. Students who participated in singing and elocution were awarded on this occasion. NSS volunteers in parade team were given appreciation certificates.



17.08.2023 – Health Screening Camp

In association with TUDA-Tirupati, “Health Screening Camp” was conducted at our campus. Blood checkup with estimation of sugar levels, lipid profile, liver function and renal function tests in addition to thyroid, BP. BMI screenings were done for staff, students, helpers and gardeners of SPSP. More than 300 members got benefited from this camp.



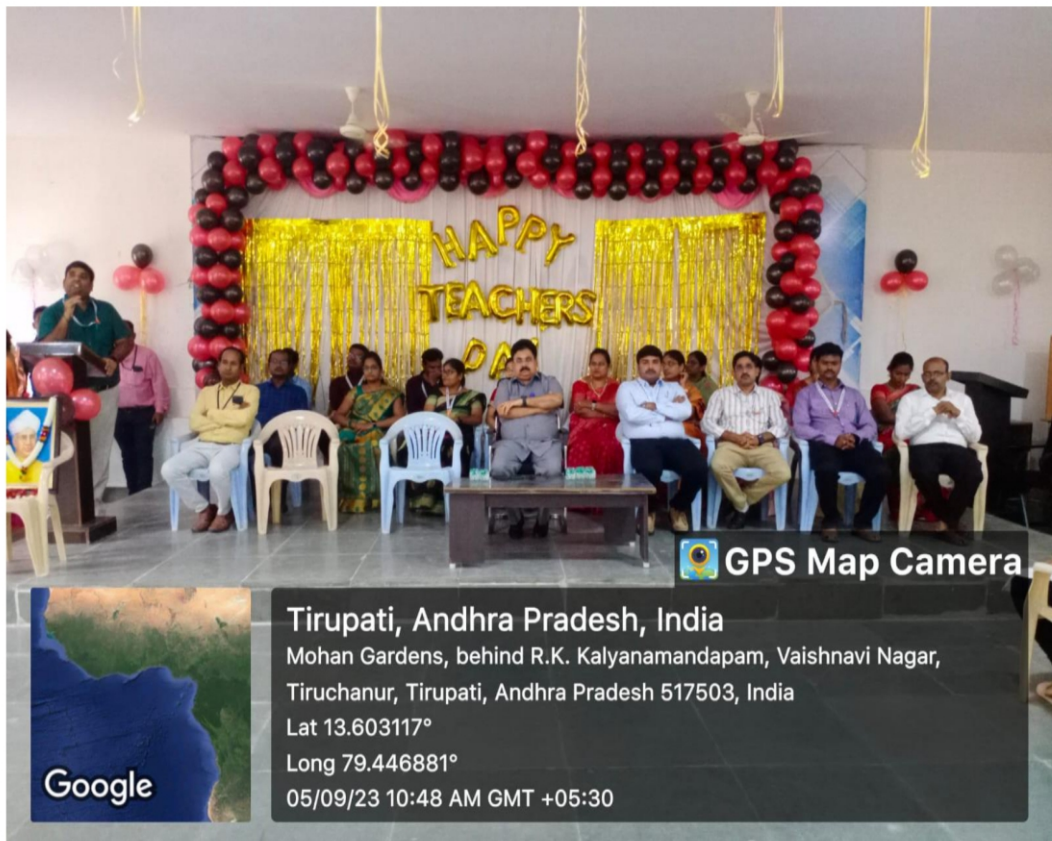
01.09.2023 – National Sports Day

In association with Seven Hills College of Pharmacy, Sri Padmavathi School of Pharmacy organized Inter College Sports on the occasion of “National Sports Day”. Apart from host colleges, Sreevidyanikethan College of Pharmacy, Krishnateja Pharmacy College, SV Arts & Science College, Jagan Institute of Pharmaceutical Sciences participated in the events which include chess, caroms, tennikoit, throw ball, volley ball, shuttle, and kabaddi for both girls and boys. 63 volunteers from Sri Padmavathi School of Pharmacy participated in these events of which won chess and shuttle and got second place in shuttle and volley ball.



05.09.2023 – Teachers Day

Teacher's Day was grandly celebrated at our campus by our students of B.Pharm, Pharm.D and M.Pharm. Students conducted various games which include shuttle, tennikoit, carroms, chess, volleyball and cricket to the teachers and given prizes to the winners. Students also felicitated faculty as a mark of respect to their teachers.



15.09.2023 – NSS Volunteers Orientation

A guest talk (online) was given by Dr.Lt.S.Sharada, NSS Coordinator, JNTU, Ananthapuram to our NSS volunteers. She has given orientation regarding NSS programme and significance of community service through NSS. All our volunteers attended the program.



Browser tabs: (no subject) - prakashpasupuleti | Meet - SPSP-NSS Orientation | Google Meet | Google Meet

Address bar: meet.google.com/ivq-brgv-zdf

Meeting interface:

- Host: Mrs. S. Sharada jntua (Presenting)
- Slide content:
 - Types of Activities**
 - ◆ Regular Activities
 - ◆ Special Camping Programme
 - Regular Activities**
 - Under this, students undertake various need based programmes in the adopted villages, College Campuses and Urban slums during weekends or after college hours.
 - 120 hours per year and 240 hours for 2 consecutive years.
- Participants: Mrs. S. Sharada jntua, 5 others, Prakash Pasupuleti
- People list (8 contributors):
 - Prakash Pasupuleti (You) - Meeting host
 - Balaji Pendakur
 - Bhagya Ramu
 - Charan Archakam
 - KEERTHI SIKHA
- System tray: 3:12 PM | SPSP-NSS Orientation Programme, Windows taskbar (15-09-2023)

21.09.2023 – Voter Card Registration and Awareness

Voter Card Registration and Awareness Programme was conducted by Regional IT wing cell members, V.Suman Babu, G.Ramesh Naidu, G.Adikesavulu, Rajendra. First year students of B.Pharm and Pharm.D participated and enrolled their names for voter card registration.



25.09.2023 – World Pharmacist's Day

On the occasion of World Pharmacist Day, Indian Pharmaceutical Association (IPA), Tiupati Local Branch conducted an Awareness Rally with the theme, "Pharmacy strengthening health systems". Prof.Ranga Janardhan, Vice Chancellor of JNTU- Anantapur inaugurated the Rally along with the members of IPA, Dr. D. Ranganayakulu, President, Dr. M. Niranjan Babu, General Secretary, Dr.P.Subrahmanyam, Joint Secretary, Prof. Nagaraju, Treasurer, M. Anil Kumar, Krishna Murthy and Prof.Mallikarjuna. The rally started from SV High School grounds to SV Polytechnic College via Prakasam Road, Gandhi Road.Smt.P.Sulochana, Chair Person, Sri Padmavathi School of Pharmacy, Smt.M.Sumalatha, Chair Person, Seven Hills College of Pharmacy including students and faculty of about 1000 members of Sri Padmavati Mahila University (Department of Pharmacy), SV Government Polytechnic College, Sri Padmavati Polytechnic College, Sree vidyanikethan College of Pharmacy, Krishnateja Pharmacy College, and College of Pharmaceutical Sciences (SVU) participated in the rally.



ఘనంగా ఫార్మసిస్టుల ర్యాలీ

తిరుపతి కల్వరల్: ప్రపంచ ఫార్మసిస్టుల దినోత్సవం సందర్భంగా సోమవారం ఇండియన్ ఫార్మాస్యూటికల్ అసోసియేషన్ ఆధ్వర్యంలో తిరుపతి నగరంలో ఘనంగా ర్యాలీ చేపట్టారు. బాలాజీ కాలనీలోని ఎస్సీ ఉన్నత పాఠశాల వద్ద ఏర్పాటు చేసిన ఈ ర్యాలీని అనంతపురం జేఎన్టీయూ వీసీ ప్రొఫెసర్ రంగనాథన్ జెండా ఊపి ప్రారంభించారు. ఆరోగ్య వ్యవస్థల పటిష్టతలో ఫార్మసిస్టులు ఆసే అంశతో ఎస్సీ ఉన్నత పాఠశాల నుంచి ప్రకాశం రోడ్డు, గాంధీరోడ్డు, తీర్థకట్టవీధి, భవానీనగర్ కూడలి మీదుగా ఎస్సీ పాలిటెక్నిక్ కళాశాల వరకు ర్యాలీ సాగింది. ఇండియన్ ఫార్మాస్యూటికల్ అసోసియేషన్ ప్రధాన కార్యదర్శి డాక్టర్ డి.రంగనాయకులు, సహాయ కార్యదర్శి డాక్టర్ ఎం.నిరంజన్బాబు, కోశాధికారి ప్రొఫెసర్ నాగరాజు, కృష్ణమూర్తి, పద్మా



ర్యాలీ చేస్తున్న ఫార్మసిస్టులు, విద్యార్థులు

వతి స్కూల్ ఆఫ్ ఫార్మసీ అధినేత్రి పి.సులోచన, డైరెక్టర్ పి.ప్రణీత, సెవెన్ హీల్స్ కళాశాల ఫార్మసీ అధినేత్రి సుమలత, పద్మావతి మహిళా వర్సిటీ ఫార్మసీ విభాగం, ఎస్సీ ప్రభుత్వ పాలిటెక్నిక్ కళాశాల, పద్మావతి పాలిటెక్నిక్ కళాశాల, శ్రీవిద్యానికేతన్ కళాశాల ఫార్మసీ, కృష్ణతేజ ఫార్మసీ, ఎస్సీయూ కాలేజ్ ఆఫ్ ఫార్మాస్యూటికల్ సైన్సెస్ కళాశాలల యాజమాన్యం, విద్యార్థులు, అధ్యాపకులు పాల్గొన్నారు.



Extra-curricular activities

The farewell day was organized for pharm d final year students on 08-07-2023. “We started here together and now here we’re leaving the same way. The funny thing is you never appreciate what you had yesterday until it is gone today”. College Farewell parties are always an exciting affair and bring alive a lot of happy memories. 5th year Pharm D students organized Farewell Party to the outgoing students. Function began with a floral welcome to the dignitaries, staff and students. Lightning of Lamp was done by chief guest Dr. T. Bharathi Garu, superintendent, SVRRGH, chairperson madam, Principal & all HOD’s followed by prayer song. Principal wished good luck to the final year students for their future. Respected chief guest shared importance of clinical pharmacist in the hospitals. Final years gave inputs to 5th years to go ahead in building their careers. All the seniors and juniors had filled the auditorium with colourful attires which added beauty to the event along with cultural-dance in which a total of 10 students participated.



Our college Sri Padmavathi College of Pharmacy in association with Seven Hills College of Pharmacy organised INTER-COLLEGE SPORTS AND GAMES COMPETITION -Badminton conducted in Seven Hills College of Pharmacy on 01-09-2023. A total of 16 students participated in badminton from both B Pharm and Pharm D. It was carried out under Supervision of Sports In charge Dr. P. Sai Sunil and Mr. P. Prakash. Winners Kavya and Bideesha were given with an award for securing second place and a certificate of appreciation.



Kabaddi conducted in Seven Hills College of Pharmacy on 01-09-2023. A total of 35 boy students participated in kabaddi from both B Pharm and Pharm D. It was carried out under Supervision of Sports In charge Dr. P. Sai Sunil and Mr. P. Prakash. Winners team were awarded.



Carroms conducted in Seven Hills College of Pharmacy on 01-09-2023. A total of 12 both boy and girl students participated in Carroms and chess from both B Pharm and Pharm D. It was carried out under Supervision of Sports In charge Dr. P. Sai Sunil and Mr. P. Prakash. Winners Firdose Basha and Sandeep Kumar were given an award for securing first place in competition and were also given with a certificate of appreciation.



A total of 24 girl students participated in tennikoit from both B Pharm and Pharm D in INTER-COLLEGE SPORTS AND GAMES COMPETITION. It was carried out under Supervision of Sports In charge Dr. P. Sai Sunil and Mr. P. Prakash. Winners team Himashree and Harika were given an award and certificate of appreciation for securing first place in the competition.



The national pharmacy week celebrations were carried out on 20-09-2023. On the first day of National Pharmacovigilance week, Sri Padmavathi school of Pharmacy organized an awareness rally in Ruia hospital on 20.09.2023 in Association with IPA Local Branch, Tirupati with the theme of "Boosting public confidence in Pharmacovigilance". A total of 60 Pharm. D students including Ruia hospital Health workers, teaching faculty members participated in the rally. In the rally students highlighted the importance of National Pharmacovigilance week, by displaying banners & placards.



On the occasion of World Tourism Day, Cultural competitions were held in Shilparamam, Tirupati on 27.09.2023. In which 3 students from our college were participated in the singing and dance competition. Winners were awarded with prizes.



Soft skills program organized on awareness of trends in technology

Sri Padmavathi School of Pharmacy came up with an idea to organize an event namely **“Tomorrow's Tech Today: A Trend Awareness Workshop”** to give the students' knowledge regarding latest technologies 3D printing, gene editing. The workshop took place 22 Sep, 2023, 11 am onwards in the Class room. There were around 65 students who took part in the workshop.



Soft skills programme organised on language skills

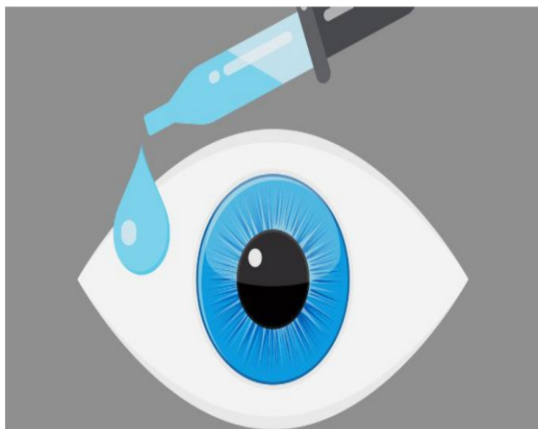
An event namely **“ACTIVE LISTENING AND EMPATHY WORKSHOP”** was organised. Sir gave knowledge on how Empathy involves reflection, validation and a genuine concern for how another is thinking or feeling. This combination of active listening and empathy can be referred to as empathetic listening, can improve relationships of all kinds, from couples and families to friends and coworkers. The workshop took place 14-09-2023, 2023, 10:30 a.m. onwards in the college. There were around 55 students who took part in the event.



✚ New pharma innovations in 2023(January-june)

✚ More Eyedrops Recalled Due to Bacterial, Fungal Contamination

A recent recall of MSM eye drops cites bacterial contamination, fungal contamination, or both as justifications.



On August 22, 2023, the United States Food and Drug Administration (FDA) **issued a warning to consumers on two methylsulfonylmethane (MSM) eyedrops**, reporting bacterial and fungal contaminations as the primary cause. The warnings apply to Dr. Berne's MSM Drops 5% solution and LightEyez MSM Eye Drops – Eye Repair drops.

Berne's MSM drops have been contaminated with *Bacillus* spp, and *Exophiala* sp. Meanwhile, The LightEyez MSM eyedrops have not had any detectable fungal contamination but have been linked to *Pseudomonas* spp., *Mycobacterium* spp., *Mycolicibacterium* spp and *Methylorubrum* spp. contamination. According to the warning letter, the FDA sampled and tested these products as a precaution due to recent eyedrop recalls earlier this year.

Taking Anti-Inflammatory Medication with Plan B Improves Effectiveness



August 18, 2023 - A new study published in the *Lancet* provides a new route for improving the effectiveness of oral emergency contraceptives. According to the study, taking an anti-inflammatory pill alongside Plan B significantly increases the drug's efficacy.

An intelligent drug development paradigm can enable small pharma to implement an effective early drug development approach. This paper describes an intelligent drug development paradigm that enables small pharma to implement a truth-seeking early development approach such as those used by progressive Big Pharma companies, aimed at efficiently maximizing the value of information needed to inform key milestone decision points and optimize the probability of success.

New Biogen CEO tips subcutaneous lecanemab to help expansion into pre-symptomatic Alzheimer's

Aduhelm was tipped to be a major blockbuster, but swiftly after its approval the drug's creators Biogen and Eisai saw a commercial flop on a scale no other medicine launch has seen before. Its high price coupled with its questionable safety and efficacy were simply too much for the market to bear, and, despite being the first new Alzheimer's drug in more than 15 years, it has all but now disappeared from the market.



But there was more: The FDA has now seen its reputation questioned over its controversial approval of the drug in 2021, coming several months after its expert panel rejected the drug for a green light.

FDA NEWLYAPPROVED DRUGS 2023(JULY -SEPTEMBER)

S.No	Drug Name	Active ingrediaent	Approval date	FDA approved use on
1	<u>Beyfortus</u>	nirsevimab-alip	7/17/2023	To prevent respiratory syncytial virus (RSV) lower respiratory tract disease
2	<u>Vanflyta</u>	quizartinib	7/20/2023	To use as part of a treatment regimen for newly diagnosed acute myeloid leukemia that meets certain criteria
3	<u>Xdemvy</u>	lotilaner	7/25/2023	To treat Demodex blepharitis
4	<u>Zurzuvae</u>	zuranolone	8/4/2023	To treat postpartum depression
5	<u>Izervay</u>	avacincaptad pegol	8/4/2023	To treat geographic atrophy secondary to age-related macular degeneration
6	<u>Talvey</u>	talquetamab-tgvs	8/9/2023	To treat adults with relapsed or refractory multiple myeloma who have received at least four prior therapies
7	<u>Elrexio</u>	elranatamab-bcmm	8/14/2023	To treat adults with relapsed or refractory multiple myeloma who have received at least four prior lines of therapy.
8	<u>Sohonos</u>	palovarotene	8/16/2023	To reduce the volume of new heterotopic ossification in adults and pediatric patients (aged 8 years and older for females and 10 years and older for males) with fibrodysplasia ossificans progressiva
9	<u>Veopoz</u>	pozelimab-bbfg	8/18/2023	To treat patients 1 year old and older with CD55-deficient protein-losing enteropathy (PLE), also known as CHAPLE disease
10	<u>Aphexda</u>	motixafortide	9/8/2023	To use with filgrastim (G-CSF) to mobilize hematopoietic stem cells to the peripheral blood for collection and subsequent autologous transplantation in patients with multiple myeloma.
11	<u>Ojjaara</u>	momelotinib	9/15/2023	To treat intermediate or high-risk myelofibrosis in adults with anemia

12	<u>Exxua</u>	gepirone	9/22/2023	To treat major depressive disorder
13	<u>Pombiliti</u>	cipaglucosidase alfa-atga	9/28/2023	To treat late-onset Pompe disease.
14	<u>Rivfloza</u>	nedosiran	9/29/2023	To lower urinary oxalate levels in patients 9 years and older with primary hyperoxaluria type 1 and relatively preserved kidney function

REPORTED ADRS TO AMC UNDER PVPI

S.NO	Report ID	AMC Report No.	World wide unique No.	Patient initials
1	Macularpapular Rash: ATT	SVMC/JUL-2023/330	IN-IPC-300795897	D
2	Gastritis: ATT	SVMC/JUL-2023/331	IN-IPC-300795908	PLN
3	Hepatitis: ATT	SVMC/JUL-2023/332	IN-IPC-300796510	S
4	Oral candidiasis: Doxycycline	SVMC/JUL-2023/340	IN-IPC-300797789	P

S.NO	Report ID	AMC Report No.	World wide unique No.	Patient initials
1	Rash: Antisnake venom	SVMC/AUG-2023/376	IN-IPC-300809477	BS
2	Black tarry stools: Piperacillin+Tazobactam	SVMC/AUG-2023/377	IN-IPC-300809479	KP

S.NO	Report ID	AMC Report No.	World wide unique No.	Patient initials
1	Rash: Paracetamol	SVMC/Sep-2023/426	IN-IPC-300822170	GV
2	Skin irritation: Artesunate	SVMC/Sep-2023/427	IN-IPC-300822186	J
3	Vomiting: Tramadol	SVMC/Sep-2023/428	IN-IPC-300822278	AM
4	Shortness of breath: Cefoperazone+Sulbactam	SVMC/Sep-2023/429	IN-IPC-300822324	V
5	Rash: Ceftriaxone	SVMC/Sep-2023/430	IN-IPC-300822356	KD
6	Diarrhoea: Metrogyl	SVMC/Sep-2023/431	IN-IPC-300822809	RS
7	Vomiting: Ceftriaxone	SVMC/Sep-2023/432	IN-IPC-300822820	V
8	Cushing syndrome: Prednisolone	SVMC/Sep-2023/434	IN-IPC-300823172	S
9	Skin Peeling : Piperacillin+Tazobactam	SVMC/Sep-2023/435	IN-IPC-300823207	CRD

DO U KNOW????????? FACTS....

INCREDIBLE HUMAN BODY FACTS



THERE ARE 100,000 MILES OF BLOOD VESSELS IN AN ADULT HUMAN BODY

NAILS GROW ABOUT ONE-TENTH OF AN INCH EACH MONTH

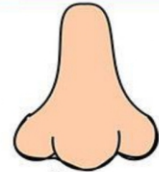


Every day an adult body produces 300 billion new cells

YOUR BRAIN IS 80% WATER



Your nose can remember 50,000 different scents



IT TAKES 17 MUSCLES TO SMILE BUT 43 TO FROWN



THE AVERAGE PERSON FALLS ASLEEP IN SEVEN MINUTES



A HUMAN HAS MORE THAN 600 INDIVIDUAL SKELETAL MUSCLES



WE MAKE AROUND 30 TO 55 OUNCES OF SALIVA A DAY

BONES ARE COMPOSED OF 31 PERCENT WATER





Group of Institutions

- Sri Padmavathi College of Computer Sciences & Technology (MBA & MCA)
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- Sanskriti Junior College

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