SRI PADMAVATHI SCHOOL OF PHARMACY

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

Academic Year : 2024-25

Date	Name of the Speaker	Topic	Name of the Pharmaceutical Industry/Hospital	No. of students attended
23-08-2024	Dr. S. Vijayaraj	Chemometrics assisted analytical method Development in drug discovery	Professor, Department of Pharmaceutical Chemistry & Analysis, Dr. Kalam College of Pharmacy, Thanjavur, Tamil Nadu	223
	Dr. A Sunil Kumar Reddy	Fundamentals of Drug Discovery and Development	Scientist III, Chemical Research Department, Aurobindo Pharmaceutical Ltd, Hyderabad	
	Dr T S Saraswathi	Drug Discovery using Ligand and Structure based combination	Associate Professor, Department of Pharmaceutics, SRM college of Pharmacy, Kattankalulathur. Tamil nadu	

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Two Days National Seminar on
"Insight into the strategy for drug discovery and development" (InS3D)
23rd -24th Aug 2024

Name of the speaker 1:	Dr. S. Vijayaraj, Professor, Department of Pharmaceutical Chemistry & Analysis, Dr. Kalam College of Pharmacy, Thanjavur, Tamil Nadu

No. of students attended	223
Date:	23-08-2024

Topic	"Chemometrics assisted analytical method Development in drug discovery"

A Seminar has been conducted on "Chemometrics assisted analytical method development in drug discovery" by, Dr. S. Vijayaraj, Professor, Department of Pharmaceutical Chemistry & Analysis, Dr. Kalam College of Pharmacy, Thanjavur, Tamil Nadu served as a speaker 1 for this session. The session was focused on the different stages involved in the development of drug product which includes statistical and mathematical methods to analyze chemical information, quantitative analysis include: Classical least squares (CLS), Principal component regression (PCR), Partial least squares (PLS), and Genetic algorithm partial least squares (GAPLS). 223 B. Pharm, Pharm D & M Pharm students and faculty are attended for this session and actively participated.

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"Insight into the strategy for drug discovery and development" (InS3D)

23rd -24th Aug 2024

Name of the speaker 2:	Dr. A Sunil Kumar Reddy, Scientist III, Chemical Research Department, Aurobindo Pharmaceutical Ltd, Hyderabad
No. of students attended	223
Date:	23-08-2024
Topic	"Fundamentals of Drug Discovery and Development"

A Seminar has been conducted on "**Fundamentals of Drug Discovery and Development**" by, **Dr. A Sunil Kumar Reddy,** Scientist III, Chemical Research Department, Aurobindo Pharmaceutical Ltd, Hyderabad served as a speaker for this 2nd session of day 1. The session was focused on the Target identification, Target validation, selected compound screening, Drug optimization, Various Stages of Pre-clinical and clinical trials. 223 B. Pharm, Pharm D & M Pharm students and faculty are attended for this session and actively participated.

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"Insight into the strategy for drug discovery and development" (InS3D)
23rd -24th Aug 2024

Name of the speaker 3:	Dr T S Saraswathi, Associate Professor, Department of Pharmaceutics, SRM college of Pharmacy, Kattankalulathur. Tamil nadu.

No. of students attended	220
Date:	24-08-2024

Topic	"Drug Discovery using Ligand and Structure based combination"

A Seminar has been conducted on "**Drug Discovery using Ligand and Structure based combination**" by, **Dr T S Saraswathi, Associate Professor,** Department of Pharmaceutics, SRM college of Pharmacy, Kattankalulathur. Tamil nadu served as a speaker for this 3rd session of day 2. The session was focused on the Ligand-based and structure-based methods are both computational approaches used in drug discovery to identify chemical structures that are most active against a particular target. Optimizing chemical and biological data integration, enhancing efficacy through synergistic exploitation of their respective advantages while mitigating individual drawbacks. This integrated approach typically outperforms standalone methods, especially when employing parallel or other integrated techniques to automate and streamline virtual screening processes. More than 220 B. Pharm, Pharm D & M Pharm students and faculty are attended for this session and actively participated.