



SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA

(Sponsored by the Exhibition Society), Tamaka, Secunderabad

Affiliated to Osmania University, Approved by AICTE & PCI

ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course

REPORT ON

SEMINAR

“Phytochemicals Nature’s Blueprint for Traditional and Novel Therapeutics”

DATE: 6th January, 2025

TIME: 3.30 PM -4.30 PM

ORGANIZED BY: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, Tarnaka.

INTRODUCTION: Sarojini Naidu Vanita Pharmacy Maha Vidyalaya Organized a Seminar on “**Phytochemicals Nature’s Blueprint for Traditional and Novel Therapeutics**”. The Dignitaries Dr. N. Srinivas (Director, SNVPMV), Dr. T. Mamatha (Principal, SNVPMV), Dr. P. Praneetha (HOD of Pharmacognosy, SNVPMV), Mrs. Leemol Varghese (Senior Assistant Professor & Co-Ordinator) graced the program with their presence. Around 90 students and 40 faculty members attended the seminar with full enthusiasm. The program facilitated a rich exchange of knowledge on Phytochemicals for Traditional and Novel Therapeutics.

Ms Mehek from B. Pharmacy III year Introduced the Guest Speaker.

ABOUT GUEST SPEAKER

Mr. Sudheer Kumar Dokuparthi is a Researcher and teacher in the field of Plant Research. He is the Co-founder of Biogenic Products Pvt. Ltd., the first start-up incubated at Osmania University technology business incubator. The company focuses on developing herbal products.

With over 12 years of Teaching experience, He has mentored numerous aspiring pharmacists and plant researchers for graduation and post-graduation. He has conducted National level workshops and training sessions on drug discovery, extraction, and separation techniques.



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He made significant contributions to the field during his research tenure at prestigious institutes like IICB-Kolkata, NIPER-Hyderabad and IICT-Hyderabad. His research findings have been published in reputable national and international journals. Additionally, he has authored two books on pharmaceutical sciences and has filed 6 patents for his innovative research work

PROGRAM OVERVIEW: The seminar commenced promptly at 3:30 PM in the SNVPMV Seminar Hall. The program was anchored by Ms. Mohammedi Begum, from B. Pharmacy III year, who welcomed the audience and invited the dignitaries to the dais. Ms. Samreen from B. Pharmacy III year presented ECO greetings to the guest speaker, Mr. Sudheer Kumar Dokuparthi. Welcome address was given by Dr. N. Srinivas, Director, SNVPMV followed by the Principal's address by Dr. T. Mamatha.

Mr. Sudheer Kumar Dokuparthi initiated the seminar on the topic “**Phytochemicals Nature’s Blueprint for Traditional and Novel Therapeutics**” He emphasized the Importance of Phytochemical’s which are used by our Traditional people and how they are used in the modern world by the technology for the treatment. He Emphasized the long history of using plants for medicinal purposes in various cultures (e.g., Ayurveda, Traditional Chinese Medicine. He Explained how phytochemicals neutralize free radicals, & prevent oxidative stress. He Discussed how phytochemicals modulate inflammatory pathways.

He shared the fascinating story of Artemisin, Cinchona, Taxol illustrating how it was initially used and how it has evolved over time. This case highlighted the importance of protecting and adapting the use of these medicines.

Mr. Sudheer Kumar Dokuparthi also covered the concept of accidental inventions, providing insight into an Entrepreneur and his invention about chocolate for menstrual mood swings.

The session concluded with a lively question-and-answer segment, where participants had the opportunity to clarify their doubts. Students took turn asking their queries, and several faculty members also engaged with the speaker, seeking clarification on various points. The active participation from students was remarkable, showcasing their enthusiasm and



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eagerness to delve deeper into the topic. The interaction between the students and Mr. Sudheer Kumar Dokuparthi was dynamic, reflecting a high level of communication and engagement throughout the discussion.

After the question-and-answer session, the dignitaries felicitated Mr. Sudheer Kumar Dokuparthi and appreciated his talk.

Lastly, Dr. P. Praneetha, HOD of Pharmacognosy SNVPMV, delivered the vote of thanks. She extended her heartfelt appreciation to the guest speaker, Mr. Sudheer Kumar Dokuparthi, for his outstanding and dedicated presentation on the topic. Dr. P. Praneetha also expressed gratitude to all the participants for their enthusiastic engagement, which played a key role in the success of the session.





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