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Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

ACADEMIC YEAR 2021-22

Consolidated list of books / papers published

Sr. No.	Name of Teacher	Title of books published and papers published in national/ international conference proceedings per teacher during 2021-22	ISBN No.	Department	Page No.
1	Mr. A. R. Thakre	Chapter – 14. Overview of Plant Derived Excipients in the Book ‘Plant – A valuable Resource of sustainable Agriculture, Food and Medicine	978-93-91002-28-2	Pharmaceutics	1-9
2	Mrs. S. G. Gurunani			Pharmacognosy	
3	Dr. Sonal P. Motghare			Pharmacognosy	
4	Dr. Mrs. A. J. Asnani	A knowledge management approach to study Safety and efficacy of Covid-19 vaccination	978-1-6654-2921-4	Pharmaceutical Chemistry	10
5	Dr. D. R. Chaple	A knowledge management approach to study Safety and efficacy of Covid-19 vaccination	978-1-6654-2921-4	Pharmaceutical Chemistry	10

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*Priyadarshini J. I. College of Pharmacy, Nagpur, Maharashtra, India
Certified Document from page No.1 to 10*



Plant - A Valuable Resource of Sustainable Agriculture, Food and Medicine



Edited by
Dr. Dwaipayan Sinha
Dr. Rajendra Prasad De

Plant - A Valuable Resource of Sustainable Agriculture, Food and Medicine
Dr. Dwaipayan Sinha
Dr. Rajendra Prasad De



Plants have a very intricate relationship with the humans since antiquities. They have been used by the humans numerous purposes which encompasses food, shelter and medicines. The tradition of domestication of plants paved the way for agricultural practices while traditional medicinal systems uses various formulations obtained from plants. This knowledge was passed on from generation to generation and present day science encompassing agriculture and medicines are largely dependent on the plants especially with respect to their physiology and interaction with other biotic components of the environment. While the traditional knowledge of plant usage has been preserved with respect by the ethnic communities, the modern science delved into the molecular levels to explore the mechanistic aspects of plant's metabolism and physiology. Thus keeping all these aspects in mind, an attempt has been made to highlight contemporary topics related to the plant in the form of an edited book. This forms the genesis of 'Plant - A valuable resource of sustainable agriculture, food and medicine'. The book is divided into five sections which highlights the diversity of plants, practices of agriculture, use of microbes in plant disease management, medicinal importance of plants and finally culminates in importance of preservation of germplasm. Selected chapters in relevance to the sections have been accommodated which beautifully illustrate and justify the theme of the book. This book will serve a vital purpose in informing professionals and amateurs alike about key advancements in the chosen themes that have occurred in recent years, as well as presenting future projections.



Dwaipayan Sinha is an Assistant Professor in Botany and is presently serving Government General Degree College, Mohanpur, Paschim Medinipur under West Bengal Education Service. He previously served the Department of Botany, Bidhanagar College, Kolkata, and has more than 10 years of teaching experience in the field of Plant Sciences. He has graduated with Botany honours from the prestigious Presidency College and masters from the University of Delhi in the same subject with specialization in plant molecular biology and crop genetics. He has done his Ph.D. from CSIR-Indian Institute of

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A knowledge management approach to study Safety and efficacy of Covid-19 vaccination

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Abstract— The information leaflets are an indispensable source to communicate with the Patient. which helps to know about the psychology and opinion of the consumer about the drug. Because of a gap of communication between the public, community pharmacists, registered medical practitioners and health care professionals, regarding the safety and efficacy of Covid-19 vaccination. Hence a leaflet was designed in filling the gap of communication and to gain information about the psychology and opinion about the Covid-19 vaccination. The survey was done in the Gulf region. A sample (n = 500) was selected by systematic random sampling from the population of India, Iran, Philippines, Pakistan, Bangladesh, and Sudan. Questionnaires were used which were open-ended for asking information about the Covid-19 vaccination and comments on the same were noted. The present investigation survey suggested that subjects were having doubts about the safety and efficacy of the vaccine and had a number of questions in their mind regarding the same. Therefore, to overcome the fear of vaccination awareness camps should be organized by the health authority. Also, one should not give emphases on communication means for the adverse reaction and should attend such awareness camp for better knowledge.

Keywords— Consumer's opinions, psychological behavior evaluation leaflet, Covid-19 vaccination

I. INTRODUCTION

China, in December 2019 Coronavirus disease 2019 (Covid-19) is caused by a new coronavirus first identified in Wuhan. Because it was a new virus, scientists are studying it. The symptoms of Covid-19 those who have it are mild. Covid-19 also cause severe illness and even death may occur. Elderly people who have any other medical conditions, are more prone to covid-19 and have risk of severe illness. World Health Organization announced an official name for the viral disease which was outbreak in 2019 as novel coronavirus. The new name of the deadly virus was decided as coronavirus disease 2019, and it has been abbreviated as Covid-19. In Covid-19 corona virus disease, 'CO' stands for 'corona,' which was a new species, 'VI' for 'virus,' and 'D' for disease. Firstly WHO referred this disease as "2019 novel coronavirus" or "2019-nCoV."

Coronaviruses, which is a large family of viruses named for the crown-like spikes on their surfaces, are common in people and many different species of animals, including camels, cattle, cats, and bats whose meat is easily available. There are some human corona viruses, including some that commonly cause mild upper-respiratory tract illnesses. It is a

novel disease, which was not previously been seen in humans. The safe and effective treatment of this disease is lies in the following the Covid-19 protocols like keeping safe distance, wearing mask and gloves. The disease compliance may result by following the protocols of it and its implementation [1]. The reason behind not following it may be the unawareness of Covid-19 disease and its spread [2]. The insufficient drug information may cause fear related to the drug [3]. Hence, the need is to provide correct and sufficient drug information to consumer.

As there is a huge gap of communication between public and healthcare professionals regarding the safety and efficacy of vaccination therefore, providing information about the Covid-19 disease and its vaccination is one of the ways to reduce fear related to vaccination. Survey is a best media of getting information, which is provided with the psychology of the consumer. Consumer's psychology and opinion can be very well understand from the data in the survey hence it serves as a vital source of psychological and behavior pattern. It provides the improvements in Covid-19 therapy by increasing knowledge, providing sufficient information, increasing awareness of possible consequences of disease, improving satisfaction with the vaccination which enable them to make a proper decision on vaccination [4-6]. The consequences of the spread of the disease is mostly depends upon the person to person [7, 8]. Hence it was noticed that public should understand the benefits of the vaccination and to avoid inappropriate fear regarding the same. According to the survey it was found that only about one-fifth of consumers were able to have faith in safety and efficacy of Covid-19 vaccination [9, 10]. It is a self-responsibility of every individual to take the vaccination to reduce the risk of Covid-19 disease. It also advice that Ministry of Health and Welfare should provide educational camp that comply with the legislation and helps to reduce fear of administration of vaccine among the public [11, 12]. More studies were done in reference with the clinical trials of the quality of safety and efficacy [13, 14] which were serves as assessment tools for the quality of the informational survey. The design of the questionnaires is an important tool for understanding psychology and opinion of the public [15, 16]. The present investigation was to design a questionnaires to understand the consumer psychology and opinion about the vaccination on Covid-19 disease and determine the factor associated with the vaccination of Covid-19 disease from consumer's opinions in Gulf region.