



S. NO.	TITLE OF PAPER	NAME OF THE AUTHOR/S	LINK TO ARTICLE/PAPER/ABSTRACT OF THE ARTICLE
1	F-SQUARE BASED EFFICIENT UNIFORM DESIGN FOR MIXTURE EXPERIMENTS IN THREE AND FOUR COMPONENTS	DR. SANGHMITRA SHARMA	https://api.amu.ac.in/storage//file/10204/file_management/1650606232.pdf
2	A STUDY OF SELF AWARENESS LIFE SKILL AMONG HIGHER SECONDARY SCHOOL STUDENTS	DR. SARITA GOSWAMI	https://www.jetir.org/papers/JETIR1907195.pdf
3	FORMULATION AND EVALUATION OF FLOATING TABLET ZOLMITRIPTAN	SATYA PRAKASH	http://sersc.org/journals/index.php/IJAST/article/view/2432



ISSN 0971-0388

Aligarh Journal of Statistics
Vol. 39 (2019), 53-74

**F-Squares Based Efficient Uniform Designs for Mixture Experiments in
Three and Four Components**

Bushra Husain* and Sanghmitra Sharma

[Received on September, 2019. Accepted on March 2020]

ABSTRACT

In this paper, two classes of uniform designs for mixture experiments based on F-squares are presented. The properties of these classes of designs using different mixture models are investigated. The two classes of designs are (i) mixture designs constructed using uniform designs based on cyclic F-squares for two designs with different runs and (ii) mixture designs constructed by projecting the uniform designs based on good lattice point method based on two designs with different runs. Design efficiencies of the most uniform designs of the two classes of designs are also computed and compared.

A STUDY OF SELF AWARENESS LIFE SKILL AMONG HIGHER SECONDARY SCHOOL STUDENTS

Dr. SaritaGoswami

Associate Professor

H.O.D., Education Department

IIMT University, Meerut.

Abstract

Now a day's young adolescent is becoming melancholic due to so many causes like inappropriate home and school environment. The impact of these adverse environment, they are becoming less motivated, less confident and involved in offensive activities, In such way, they are destroying their precious life. In adolescence period, young ones have high potential of intellectual and physical work but their involvement in offensive activities not only being destroyed their capabilities but also have become the burden for the society. Life skill Education is a training to overcome such difficulties of life. This training makes a person insightful, good adjustment and positive thinking. In the present study, the researcher studied only one core life skill as self-awareness life skill. This study is conducted among the young adolescents of higher secondary school. The researcher has made an attempt to find out how can students learn through their continuous involvement and modify their behaviour.

Key words; Life skills, self-awareness life skill, emotions, motivation, self-regulating, empathy, social skill.

Introduction:



Home / Archives / Vol. 28 No. 17 (2019); Vol 28 No 17 (2019) / Articles

FORMULATION AND EVALUATION OF FLOATING TABLET OF ZOLMITRIPTAN TABLET

Satya Prakash et al.

PDF

Abstract

The present investigation was performed to find out floating tablets of Zolmitriptan tablet by wet granulation method. Zolmitriptan in floating tablets by using various Viscosity grades of Hydroxy Propyl Methyl Cellulose, HPMC K15 M and Ethyl cellulose. The Sodium bicarbonate also added in different concentrations as an agent of gas generating to improve floating capacity of tablet. All the tablets were studied for their parameters for Pre-compression Bulk density, Tapped density, Carr's index, Hausner's ratio and Angle of repose and Post-compression Hardness, Thickness, Friability, Weight variation and Content uniformity. Tablets are also evaluated in-vitro shows best release range of 12 hours. The release kinetics of some formulation like F2, 3, 4, 5 and 9 followed Higuchi model, formulation F1, 5, 6, 7 and 8 followed the Zero order and formulation F1 and 5 followed 1st-order. There is no change in colour, but change in Hardness, occur in evaluation of formulation 4. Various studies were taken place (in-vitro) which increase the gastric residence time and improved bioavailability of the drug. Hence in the present investigation floating tablets have been synthesized to overcome drawbacks associated with Antimigraine tablet of Zolmitriptan.

How to Cite

et al., S. P. (2019). FORMULATION AND EVALUATION OF FLOATING TABLET OF ZOLMITRIPTAN TABLET. *International Journal of Advanced Science and Technology*, 28(17), 825 - 841. Retrieved from <http://sersc.org/journals/index.php/IJAST/article/view/2432>

More Citation Formats

Issue

[Vol. 28 No. 17 \(2019\); Vol 28 No 17 \(2019\)](#)

Section
Articles

International Journal of
Advanced Science and...

Not yet assigned
quartile

SJR 2022

0

powered by scimagojr.com

Make a Submission



ELSEVIER

