



# International Journal of Mathematics and Statistics Invention

## International Journal of Mathematics and Statistics Invention

e-ISSN : 2321- 4767 p-ISSN : 2321-4759

### International Editorial Board

- ❖ Dr. Moinuddin Sarker  
*Natural State Research, Inc., USA*
- ❖ Dr. ahmed nabih zaki rashed  
*Dr. in MENOUFIA UNIVERSITY, Egypt*
- ❖ Dr. Lalan Kumar  
*Central Institute of Mining and Fuel Research (CIMFR), Dhanbad*
- ❖ Dr. Nadhir Al-Ansari  
*Lulea University of Technology, Sweden*
- ❖ Prof. Kolo, Stephen Sunday  
*FUT, Minna, Niger State, Nigeria*
- ❖ Dr. Siddalingeshwara K. G  
*Gulbarga University*
- ❖ Dr. M. Rizwan  
*Delhi Technological University (Formaly Delhi College of Engineering)*
- ❖ Dr. Vuda Sreenivasarao  
*Defence University college, Deberzeit, ETHIOPIA*
- ❖ Dr. Abdul Mutalib Leman  
*Universiti Tun Hussein Onn Malaysia*
- ❖ Dr. Salawu .O.W  
*Federal University of Agriculture Makurdi , Benue State Nigeria*
- ❖ Prof. Dr. GYV Victor  
*AMET Maritime University*

# IJMSI

Volume 12 ~ Issue 6 ~ Nov. Dec. - 2024

### Contents :

Hemipolyhedra and their Duals	01-05
Optimal Inventory Policy for Lowering the Cost of Decentralized Framework Via Side-Chain Transaction	06-11
On the construction of new stochastic fractional analysis	12-22
Posteriori Error Estimation for Eigenvalue Problems Using the Mixed Finite Element Method	23-37

Peer Reviewed Refereed Journal

Email: [ijmsi@invmails.com](mailto:ijmsi@invmails.com)  
Website: [www.ijmsi.org](http://www.ijmsi.org)



Web : [www.ijmsi.org](http://www.ijmsi.org)

Email : [ijmsi@invmails.com](mailto:ijmsi@invmails.com)