

Managing Editor Board

- ❖ Dr. Alok Darshan Kothiyal
H. N. B. Grahwal central University Srinagar Garhw. India
- ❖ Dr. Hasibun Naher
Universiti Sains Malaysia, Malaysia
- ❖ Dr. Maryam talib aldossary
University of dammam, Saudi Arabia
- ❖ Dr. Md. Abul Kalam Azad
Applied Mathematics, University of Rajshahi, Bangladesh

International Editorial Board

- ❖ Dr. Kuldeep Narain Mathur, Malaysia
- ❖ Dr. Gauri Shanker Sao, India
- ❖ Dr. B.Selvaraj, India
- ❖ Dr. M. Ali Akbar, Bangladesh
- ❖ Dr. Kishor R. Gaikwad, India
- ❖ Dr. Uttam Kumar, India
- ❖ Dr. Mohana Sundaram Muthuvalu, Malaysia
- ❖ Dr. Uttam Kumar Khedlekar, India

Contact Us

Website URL : www.iosrjournals.org
Email : iosrjournals@gmail.com
support@iosrmail.org



Qatar Office:

IOSR Journals
Salwa Road
Near to KFC and Aziz
Petrol Station,
DOHA, Qatar

India Office:

IOSR Journals
SC-89 A, Shastri Nagar,
Ghaziabad, UP,
India

Australia Office:

43, Ring Road,
Richmond Vic 3121
Australia

New York Office:

8th floor, Straight hub,
NS Road, New York,
NY 10003-9595



IOSR Journals

International Organization
of Scientific Research

e-ISSN : 2278-5728

Volume : 15 Issue : 4 (Series - 2)

p-ISSN : 2319-765X

**IOSR Journal of
Mathematics**

Contents:

- Application of Non Standard Finite Difference Scheme on the General Non Linear First Order Dynamic Equation** 01-09
Getahun Tadesse Haile, Srinivasan V
- Mathematical Modeling of the Transmission Dynamics of Measles under the Effect of Vaccination.** 10-19
Mutuguta John Wanjau, Rotich Titus, Chepkwony Isaac
- Shape Preserving Curves and Surfaces Interpolation: State of the Art** 20-24
Ayser N. Tahat
- Statistical Order Convergence and Statistically Relatively Uniform Convergence in Riesz Space of Double Sequence** 25-34
M. M. Plata, A. M. Brono, A. G. K. Ali
- Hepatitis B Virus with Non-Cytolytic Cure Process on Healthy Liver and Blood Cells: A Mathematical Model Analysis** 35-46
Tesfaye Tefera Mamo, Temesgen Tibebe Mekonnen
- Dynamics of a Tuberculosis Model with Vaccination and Dual Treatments: a Mathematical model Analysis** 47-60
ShimelisBekeleZerefe, TemesgenTibebeMekonnen
- Post exposure vaccination for the dynamics of Tuberculosis with fast and slow latent period: A Mathematical model analysis** 61-70
Yohannes Fisha Abebau, Temesgen Tibebe Mekonnen
- Treatment and Inflow Infective Immigrants on the Dynamics of HIV/AIDS: A Mathematical Model Analysis** 71-82
TibebeTulu Guya, Temesgen Tibebe Mekonnen
- Sensitivity and Numerical analysis on the spread and control of Pneumonia in the case of DebreBerhan town, Ethiopia** 83-94
TemesgenTibebeMekonnen, DawitMeleseGebru, MuluneshAyalewKebede

IOSR-JM