

Volume 12

Number 1

June 2021

ISSN : 2231-1807

F25

INTERNATIONAL JOURNAL OF

Information Technology

&

Database Systems

SB  
24/9/2021



SERIALS PUBLICATIONS (P) LTD.  
New Delhi (INDIA)

# INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DATABASE SYSTEMS

Volume 12

Number 1

June-2021

## CONTENT

1. Power Control Approach for a Variable-Speed Wind Turbine with PMSG .....1-13  
*M. Rambabu, G.V. Nageshkumar and S. Siva Nagaraju*
2. Context Based Anomaly Detection in Images.....15-22  
*G Sadhana, A Muralidhar and Manohar Swamynathan*
3. Modular Data Logger Sub-System Design with Real Time Constraints .....23-28  
for Weather Balloon Satellite  
*Bhushan C. Patil, Amit Patwardhan and Rabinder Henry*
4. Semantic Web Mining using Web Crawler and DOM Tree with Esvm- .....29-46  
Modified SOM for Advanced Medical Information Retrieval System  
*P. Sumathi and R. Manickachezian*
5. Stability Analysis of Solar Photovoltaic Generation System Integrated .....47-60  
with Inc MPPT  
*B. Sai Pranabita, R. Sridhar and A. Pradyush Babu*
6. Adaptive Algorithm for Optimal Route Configuration in Multi-Hop.....61-69  
Wireless Sensor Network  
*Hikma Shabani, Ahmed M.A. Haidar, Norbuzaimin Julai,  
Musse M. Ahmed, P.R.P. Hoole and Majdi Marai*
7. Analysis of Probability of Dropout, Continuation and Graduation.....71-77  
through Markovian Chains of University Students in Bolivar,  
Colombia  
*Jairo R. Coronado-Hernández, Amelec Vilorio, Mercedes Gaitán-Angulo,  
Nohora N. Mercado-Caruso and José E. Arias-Pérez*

