



# **IOSR Journals**

International Organization  
of Scientific Research

## *IOSR Journal of Computer Engineering*

e-ISSN : 2278-0661

Volume-25 ~ Issue-6 ~ Series 3

p-ISSN : 2278-8727

### **Contents:**

**Improvement and Performance Evaluation of the Algorithm for Voice over Internet Protocol (VoIP) in Wireless Networks using Artificial Neural Network (ANN)**

*S. Orike, K. E. Onu, U. T. Ekwueme*

**01-07**

**Forecasting Seasonal Rainfall using a Feed Forward Neural Network with Back-Propagation: A Case of Zambia**

*Lillian Mzyece, Mayumbo Nyirenda, Prof Jackson Phiri*

**08-18**

**Provably Secure Authentication And Key Agreement Protocol For The Internet Of Things-Based Wireless Body Area Network**

*Sunil Kumar Meena, Deepak Ranga, Dixit Kumar, Sunil Prajapat*

**19-23**

**Artificial Intelligence and Machine Learning Capabilities and Application Programming Interfaces at Amazon, Google, and Microsoft**

*BILAL AHMED, DR. PRASADU PEDDI*

**24-31**

**Adversarial AI in Federated Learning: Threats, Robust Defenses, and the Role of Explainability for Trustworthy Distributed AI**

*Deepak Kumar Kejriwal, Anshul Goel, Tejakumar Dattatray Pujari  
Anil Kumar Pakina*

**32-43**

**W  
O  
R  
L  
D  
S  
O  
F  
T**