

Contents

Preface	i
Chapter 1 Mechanical Characteristics of Sand Mortar (Cinder Blocks) and Compressed Laterite Bricks (BTC) Stabilized with Cement: A Comparative Study Bozabe Renonet Karka, Kinet Ouinra and Tomtebaye Ngakoutou Fulbert	1-17
Chapter 2 An Analysis of Activity Theory with Creative Inquiry Movements in an Innovative Technology Classroom Jan Fourman	18-29
Chapter 3 Insulin-Like Growth Factors in the Pathogenesis and Treatment of Neurological Disorders in Children Raili Riikonen	30-49
Chapter 4 Investigation on Groundwater Quality and Treatment for Fluoride Reduction in Kaltungo, Gombe State, Nigeria S. B. Onoja, M. O. Udochukwu and J. F. Malum	50-66
Chapter 5 Study on Writing Skills Syndrome VIA Social Network Ismail Olaniyi Muraina and Akinyemi Edward Aiyegbusi	67-75
Chapter 6 Determining the Importance of Polarity Change in the Electrical Discharge Machining H. P. Schulze	76-85
Chapter 7 Analysis of Crystal Structure the BaTiO ₃ and ZrO ₂ -doped (Bi _{0.5} Na _{0.5})TiO ₃ with X-ray Diffraction Techniques Using the Rietveld Method Engkir Sukirman, Syahfandi Ahda and Mardiyanto	86-97
Chapter 8 Study on Novel Self-diagnosis at System Level V. Mashkov and V. Lytvynenko	98-119
Chapter 9 A Study on Feature Analysis of English Guidebooks for Hokuriku Region in Japan Using Data Mining Hiromi Ban and Takashi Oyabu	120-130
Chapter 10 A Comparison of English Materials for Business Management and Information Technology Using Data Mining Hiromi Ban, Hidetaka Nambo and Takashi Oyabu	131-143
Chapter 11 Determination of Efficient and Secured Healthcare Monitoring Based on IoT Along with Machine Learning Chethana C.	144-149

