

ISSN : 2705-456X

Research Annals of Xavier's Nepal

Issue 1.0, 2019



ST. XAVIER'S COLLEGE

DEDICATED TO EXCELLENCE, LEADERSHIP, SERVICE

MAITIGHAR, KATHMANDU, NEPAL

CONTENTS

1. Isolation and characterization of Actinomycetes from water and soil sediments of different regions of Nepal.....	3
2. Isolation of Staphylococcus Aureus from In-Use Beauty Lotions, Creams and Lipsticks and Determination of Antibiotic Susceptibility Pattern.....	13
3. Eigenvalues on dynamical system along with limit cycles analysis for Van der Pol oscillator and phase plots for Lorenz system.....	17
4. Study of the Expansion of Cylindrical Elastic Tube with Uneven Opening under Constant Internal Pressure.....	21
5. Study Of Radiation Protection In Kathmandu Cancer Centre.....	29
6. TEC Response at Middle-Low Latitude in the Indian, Australian, Brazilian and South African Sectors during The St. Patrick's Day Storm.....	35
7. Isolation and characterization of potential antibiotic producing Bacillus spp. From soil samples of different regions of Nepal.....	40
8. Antimycotic Activity of Actinomycetes and Bacillus species.....	48
9. Assessing Continuous Assessment System In Nepal.....	52
10. Blockchain - based Online Voting for Out-of-country Voters.....	57
11. Situation of Female Journalists in Kathmandu Valley.....	75