Physical & Environmental Science Bulletin

Volume 1, Number 1, May 2013

CONTENTS

Physical Sciences LIBS Study of Mosquito Coil and its Smoke Gulab Singh Maurya, Rohit Kumar, Aradhana Jyotsna, A. K. Pathak, B. K. Ghosh and A. K. Rai*	1–4
DFT and Vibrational Spectra Studies of Caffeinium Picrate Alen, V. Bena Jothy, C. Jesintha John, V. K.Rastogid And I. Hubert Joe	5–18
Study of RF Window for Portable Type C-band Linear Accelerator System T Tiwari	19–24
Design of Broadband Microstrip Antennas in Multilayered Planar Structure using Matlab Santosh Kumar Jha and R. K. Singh	25–31
Reconfigurable Antenna and its Applications Sunil Kumar Mallick, Baliram Sah and Dhirendra Kumar	32–36
Directional Ultrawide Band Antenna in Microstrip Technology Chandan Kumar and Subodh Yadav	37–39
Study of a compact and Broadband Microstrip patch Antenna Ashok Kumar and Ram Sudhir Panday	40–44
Study of Markovian Kinetic Equation in a Non Equilibrium Statistical Ensemble Formalism Satrudhan Prasad Yadav and Shree Narayan Yadav	45–50
Concept and Application of Quantum Dots Surendra Kumar and Arun Kumar Singh	51–54
Study of an Optical Hybrid Switch Sohan Kumar Yadav, Subodh Yadav and Surendra Kumar Roy	55–57
Study of Mobile Broad Band Antenna Ashok Kumar and Sunil Kumar Jha	58–61
Environmental Sciences Community Dynamics over the Archaeological Buildings – Instigation of Bio-Deterioration of Construction Material of the Building N. K. Samadhiya and Shrikant Misra	62–72
Cytotoxic and Chromotoxic Effects of Extract of Soil Collected near Industrial Units	72 77

Contents

78–81
82–90
91–93
4–102
3-108