

March 2018

SCIENCIA ACTA XAVERIANA

Vol. 9 No. 1

ISSN 0976 - 1152

SCIENCIA ACTA XAVERIANA

An International Research Journal of Basic and Applied Sciences

Biannual

Volume 9

No. 1

March 2018



Published by:

St. Xavier's College (Autonomous)

Palayamkottai - 627 002, INDIA.

<http://www.stxavierstn.edu.in/sax/index.php>

Indexed in Google Scholar, Cite Factor, Directory of Sciences,
Global Impact Factor (GIF), Open Academic Journals Index (OAJI), Research Bible, and NAAS

SCIENTIA ACTA XAVERIANA

An International Research Journal of Basic and Applied Sciences / March 2018

Contents

GRAHAM'S CONJECTURE ON $ZZN(C_2K) \times G$

A. LOURDUSAMY AND J. JENIFER STEFFI 01-08

FURTHER RESULTS ON SD-PRIME CORDIAL GRAPHS

A. LOURDUSAMY AND S. JENIFER WENCY 09-15

STRUCTURAL AND OPTICAL CHARACTERIZATION OF CUO NANORODS BY WET CHEMICAL METHOD

S. MUTHURANI, M. AMBROSE RAJKUMAR, D. SATHYA AND D. PREM ANAND 17-22

A STUDY ON THE GROWTH AND CHARACTERIZATION OF PURE AND PYRENE DOPED BENZIMIDAZOLE SINGLE CRYSTAL

M. J. JARALD BRIGIT GILDA, M. AMBROSE RAJKUMAR AND D. PREM ANAND 23-33

EFFECTIVENESS OF PROTECTED AREAS IN MAINTAINING THE FOREST COVER: A MODELING APPROACH USING GEOMOD

S. SELVALAKSHMI AND S. JAYAKUMAR 35-44

ICHTHYOFAUNAL ASSEMBLAGE IN MACRO ALGA CHAETOMORPHA AEREA (DILLWYN) KUTZING, (CHLOROPHYCEAE) IN PULICAT ESTUARY, TAMILNADU, INDIA

R. AZHAGU RAJ AND M.C. JOHN MILTON 45-50

IN SILICO MOLECULAR DOCKING OF BIOACTIVE COMPOUND PREGNAN-20-ONE, 5, 6-EPOXY-3,17, DIHYDROXY-1 METHYL-[3A,5A,6A,16A] WITH BRAIN CANCER PROTEIN(1QH4) : A PROMISING MOLECULAR TARGET

R. AZHAGU RAJ, M. C. JOHN MILTON, A. PRAKASAM,

M. SUMATHI AND S. DEVANESAN 51-55



OAJI
.net

Open Academic
Journals Index

