Theme 1: Climate, Environment and Earth Sciences

26 AWARENESS AND DISTRIBUTION OF INVASIVE ALIEN SPECIES (IAS) OF FLORA IN GALIGAMUWA AREA
W.A.A.I. Warunasinghe

62 SELENIUM IN RICE (ORYZA SATIVA) FROM DIFFERENT GEOGRAPHIC AND CLIMATIC REGIONS OF SRI LANKA
Saranga Diyabalanage, Thamara Navarathna, Rohana Chandrajith

66 SPATIAL VARIABILITY OF ORGANIC CARBON DESNITY IN CASHEW CULTIVATED RED LATOSOL SOILS OF SRI LANKA
W.M K M. Wickramasinghe, S.B. Karunaratne, B. Gajanayake, D.C. Abeysinghe

67 DEVELOPMENT OF LAND SUITABILITY MAP TO EXPAND RUBBER IN NORTHERN DRY ZONE OF SRI LANKA: A CASE STUDY FROM VAVUNIYA DISTRICT

71 GEOSTATISTICAL MAPPING OF SELECTED SOIL CHEMICAL PROPERTIES IN RED LATOSOLS OF SRI LANKA
R.L.A.A. Eranga, S.B. Karunaratne, D.C. Abeysinghe, B. Gajanayake

79 ASSESSMENT OF NITROGEN, PHOSPHOROUS AND POTASSIUM CONCENTRATIONS IN DIFFERENT RAW MATERIAL VERMIWASH
P.G.I.L. Dilani, P. Loganathan

93 SPATIAL VARIABILITY OF SELECTED SOIL CHEMICAL PROPERTIES FOR AGRICULTURAL LAND MANAGEMENT
M.A.R. Aashifa, P. Loganathan

96 INTERACTION OF FERROUS IONS AND FREE CHLORINE ON MICROBIOLOGICAL QUALITY OF DRINKING WATER
Thilini S. Munasinghe, Charmalie L. Abayasekara, Rohana Chandrajith, Asoka Jayawardana

111 FLUORIDE UPTAKE BY NATIVE AND MODIFIED CATTLE BONES FROM AQUEOUS MEDIUM BY BATCH ADSORPTION
B.A.P.T. Gunathilake, M.C.M. Iqbal, V.A. Sumanasinghe

112 Not Presented

143 IMPACTS OF SEA LEVEL RISE AND BED LEVEL ACCRETION ON RESIDENCE TIME OF NEGOMBO LAGOON, SRI LANKA
P.K.P. Pushpakumara, K.D.W. Nandalal, S.B. Weerakoon
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>149</td>
<td>VERY LOW FREQUENCY ELECTROMAGNETIC (VLF EM) METHOD FOR VEIN GRAPHITE INVESTIGATION IN CRYSTALINE ROCK TERRAIN: A CASE STUDY IN RANGALA, SRI LANKA</td>
<td>K.M.P.C. Karunarathne, H.A. Dharmagunawardhane</td>
</tr>
<tr>
<td>156</td>
<td>P-T-1 EVOLUTION OF CALC-SILICATE ROCKS IN THE SOUTH-WESTERN HIGHLAND COMPLEX OF SRI LANKA</td>
<td>K.A.G. Sameera, L.R.K. Perera</td>
</tr>
<tr>
<td>167</td>
<td>SPATIAL VARIABILITY OF SOIL PROPERTIES IN A CALCIC RED LATOSOL SOIL SCAPE IN THE NORTHERN AREA OF SRI LANKA</td>
<td>S. Nerogini, U.W.A. Vitharana, T. Karunainathan</td>
</tr>
<tr>
<td>179</td>
<td>COMMUNICATION AND ADOPTION OF WASTE MANAGEMENT PRACTICES OF URBAN AND SEMI-URBAN HOUSEHOLDS IN TRINCOMALEE DISTRICT</td>
<td>Pushpika Ganegoda, Padmasiri Wanigasundera</td>
</tr>
<tr>
<td>210</td>
<td>CHEMICAL AND ISOTOPE CHARACTERISTICS OF KIDNEY STONES (URINARY CALCULI) FROM SRI LANKA</td>
<td>Anushka Weerasinghe, Anuruddha. M. Abeygunasekera, Atula Senaratne, Rohan Weerasinghe, Rohana Chandrajith</td>
</tr>
<tr>
<td>241</td>
<td>CATION AVAILABILITY IN BUFFERED COCO PITH AND THE EFFECT ON GROWTH OF TOMATO (SOLANUM LYPERSICUM) PLANT</td>
<td>R.D.M. Ranaweera, R.S. Dharmakeerthi, A. Gunasena</td>
</tr>
<tr>
<td>257</td>
<td>IDENTIFICATION OF SALINITY HAZARD ZONES USING DUALEM-1S PROXIMAL SOIL SENSOR</td>
<td>H.G.K. Hiranthika, U.W.A. Vitharana, R.A.C.J. Perera</td>
</tr>
<tr>
<td>267</td>
<td>ESTIMATION AND MANAGEMENT OF MOBILE PHONE WASTE (M-WASTE) IN SRI LANKA</td>
<td>M.B. Samarakoon</td>
</tr>
<tr>
<td>279</td>
<td>MODELLING THE TEMPORAL DYNAMICS OF SOIL MOISTURE CONTENT OF A YELLOW LATOSOL</td>
<td>M. Gierthana, U.W.A. Vitharana, S. Suthakar</td>
</tr>
<tr>
<td>309</td>
<td>ACTIVATED COCONUT COIR AS Na(^+) AND Mg(^{2+}) ADSORBENTS FOR DESALINATION APPLICATIONS</td>
<td>Eshani Hettiarachchi, Nilwala Kottegoda, A.D.L.C. Perera</td>
</tr>
<tr>
<td>347</td>
<td>EFFECT OF BIOCHAR ON PHOSPHORUS AVAILABILITY AND FIXATION IN SOME RUBBER (HEVEA BRASILIENSIS) GROWING SOILS OF SRI LANKA</td>
<td>M.A.G.H. Nandasena, R.S. Dharmakeerthi, H.M.S.K. Herath</td>
</tr>
<tr>
<td>Page</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>366</td>
<td>EVALUATION OF THE STATUS IN ENVIRONMENTAL FLOW MAINTAINANCE AT MANGALATHIRIYA ANICUT IN ATTHTHANAGALU OYA, SRI LANKA</td>
<td>N.W.B.A.L. Udayanga, M.M.M. Najim</td>
</tr>
<tr>
<td>370</td>
<td>Not Presented</td>
<td></td>
</tr>
<tr>
<td>380</td>
<td>SOIL MOISTURE RESPONSE TO CONVECTIVE RAINFALL</td>
<td>K.W.G.R. Nianthi, P. Wickramagamage, M.P. Rambukkange</td>
</tr>
<tr>
<td>386</td>
<td>PRELIMINARY STUDY ON USE OF ACTIVATED COCONUT COIR AS ADSORBENT FOR REMOVAL OF CHLORIDE AND FLUORIDE IN WATER</td>
<td>H.K.M.S.N. Bandara, Nilwala Kotegoda, A.D.L.C. Perera</td>
</tr>
<tr>
<td>449</td>
<td>ASSESSMENT OF GREEN SPACE IN THE COLOMBO CITY LIAISONS WITH GIS AND IN-SITU DATA</td>
<td>B.D. Madurapperuma, K.A.J.M. Kuruppuwarachchi</td>
</tr>
<tr>
<td>463</td>
<td>APPLICABILITY OF COLORIMETRIC ORGANIC MATTER DETERMINATION AND ITS RELATIONSHIP WITH TOTAL SOIL NITROGEN FOR SELECTED SOILS IN SRI LANKA</td>
<td>E.M.A. Darshana, K.A. Nandasesna</td>
</tr>
<tr>
<td>476</td>
<td>CLIMATE CHANGE ADAPTATION PRACTICES IN CROP CULTIVATION: CASE STUDY IN ANURADHAPURA DISTRICT</td>
<td>R.M.C.K. Ranasingha, A. Nanthakumaran</td>
</tr>
<tr>
<td>591</td>
<td>DECOLOURIZATION OF CRYSTAL VIOLET SYNTHETIC DYE FROM AQUEOUS SOLUTION BY WOODY BIOCHAR</td>
<td>Awanthi Wathukarage, M.C.M. Iqbal, H.M.D.N. Priyantha, Meththika Vithanage</td>
</tr>
</tbody>
</table>

**Theme 2: Economics and Management**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>46</td>
<td>FORECASTING INTERNATIONAL TOURISM INCOME OF SRI LANKA: TREND ANALYSIS</td>
<td>K.M.U.B. Konarasinghe</td>
</tr>
<tr>
<td>81</td>
<td>UNEMPLOYMENT, OFFICIAL ECONOMY AND DIMENSIONS OF THE SHADOW ECONOMY: AN EMPIRICAL ANALYSIS FOR SRI LANKA USING SEM APPROACH</td>
<td>D.I.J. Samaranayake, O.G. Dayarathna-Banda</td>
</tr>
<tr>
<td>83</td>
<td>Not Presented</td>
<td></td>
</tr>
<tr>
<td>89</td>
<td>THE IMPACT OF CORPORATE SOCIAL RESPONSIBILITY (CSR) ON BRAND EQUITY: A STUDY WITH SPECIAL REFERENCE TO SRI LANKA TELECOM PLC</td>
<td>F.H.A. Shibly, M.I.M. Hilal</td>
</tr>
</tbody>
</table>
MOBILE PHONE AS A MODE OF INFORMATION PROVIDENT TO UP COUNTRY VEGETABLE FARMERS IN SRI LANKA
D.G.D. Perera, R.P. Mahaliyanaarachehi, P. Sivashankar, I.C. Hettiarachchi

IDENTIFYING IMPACT OF WORK LIFE CONFLICT ON JOB SATISFACTION
P. Lankeshwara

Not Presented

IMPACT OF PER CAPITA INCOME AND HUMAN CAPITAL ON INCOME INEQUALITY: AN EMPIRICAL ANALYSIS
T.M.A.C. Siriwardana, J.G. Sri Ranjith

PSYCHOLOGICAL AND BEHAVIORAL VARIABLES AND ACQUIRED COMPETENCIES IN SUCCESSFUL ENTREPRENEURSHIP IN SRI LANKA
U. Munasinghe

VOLATILITY SPILLOVERS BETWEEN COLOMBO AND OTHER REGIONAL STOCK MARKETS
Yeshan Withanage, Prabhath Jayasinghe

AN EXPLORATION OF AUDIT COMMITTEE COMPOSITION AND ROLES IN SRI LANKAN LISTED COMPANIES
Madushani Gunathilake, Malanee Ranasinghe

DETERMINANTS OF VOTING RIGHTS PREMIUM IN THE BANKING, FINANCE AND INSURANCE SECTOR: EVIDENCE FROM THE COLOMBO STOCK EXCHANGE
F.S.M. Arafath, T.D. Hamidon

THE IMPACT OF EMOTIONAL INTELLIGENCE ON JOB PERFORMANCE AND JOB SATISFACTION OF BANK MANAGERS IN SRI LANKA
S. Praveena

IMPACT OF FIRM SPECIFIC FACTORS ON STOCK PRICES: WITH SPECIAL REFERENCE TO DIVERSIFIED HOLDING COMPANIES IN COLOMBO STOCK EXCHANGE
S.D.P. Piyananda, B.H.A. Nilmini

CURRENCY DEPRECIATION AND J-CURVE ANALYSIS: A CASE STUDY BASED ON SRI LANKA
U.G.H. Lakmal, W.L.P. Perera

PROBABLE FACTORS FOR CREATING RAW MATERIAL WASTE: A CASE STUDY BASED ON THE SRI LANKAN APPAREL INDUSTRY
G.M. Ranasinghe, M.G.S. Dilanthi

xxxii
452 IMPACT OF CORPORATE GOVERNANCE PRACTICES ON CAPITAL STRUCTURE DECISIONS: WITH SPECIAL REFERENCE TO MANUFACTURING COMPANIES IN AN EMERGING MARKET
Nishani Mudalige, Athula Ekanayake

459 Not Presented

460 THE IMPACT OF LEVERAGE ON PERFORMANCE OF BANKS IN SRI LANKA
D.U.J. Kulasinghe, L.A.S. Perera

481 Not Presented

551 FACTORS INFLUENCING CONSUMER BUYING BEHAVIOUR: WITH SPECIAL REFERENCE TO SRI LANKAN ORGANIC FOOD INDUSTRY
H.L.M. De Silva, B.T. Jayasooriya

583 GROWTH AND PROFITABILITY OF MANUFACTURING FIRMS: A STUDY OF LISTED COMPANIES IN SRI LANKA
R.A.A. Sanjaya, N.K. Jayasiri

601 Not Presented

Theme 3: Education

16 THE EFFECTIVENESS OF INTERNATIONAL COMPUTER DRIVING LICENCE (ICDL) TRAINING PROVIDED TO SECONDARY SCHOOL TEACHERS: A STUDY BASED ON SECONDARY SCHOOLS IN BADULLA DISTRICT
J.D. Careemdeen

22 CAN THE ESL TEXTBOOKS SCAFFOLD COMPREHENSION OF SCIENCE TEXTBOOKS? A STUDY INTO THE POTENTIAL OF REVISED SECOND LANGUAGE ENGLISH TEXTBOOKS FOR GRADE SIX FACILITATING LEARNING OF SCIENCE IN BILINGUAL EDUCATION
Marie Perera, S.A. Kularathne

38 LESSON PLANNING SKILLS OF PROSPECTIVE TEACHERS
I.S.K. Eriyagama, P.R.K.A. Vitharana

72 ENSURING STUDENTS’ ON TIME CLASSROOM PRESENCE AFTER THE INTERVAL
P.M.J.R. Piyatissa, P.R.K.A. Vitharana, S.Y. Ekanayake

91 EFFECT OF ELECTRONIC DEVICES ON STUDENTS’ SCIENCE LEARNING
H.M.N. Herath, T.M.S. Yatigammana Ekanayake
97 COMPARISON OF UNDERSTANDING LEVELS OF THE PHYSICS CONCEPTS AMONG SECONDARY LEVEL STUDENTS
P.R.K.A. Vitharana

123 EDUCATION GUIDANCE AND COUNSELING THROUGH THE BUDDHIST PRACTICE OF MINDFULNESS
Ven. A. Wimaladhamma, T.G. Indika Piyadarshani Somaratne

129 IDENTIFYING TEACHING STYLES AND THEIR INDICATIVE FACTORS OF ADVANCED LEVEL SCIENCE STREAM TEACHERS IN COLOMBO DISTRICT SCHOOLS
A.P. Hettihewa, I.M. Karunathilake

130 A STUDY ON THE CHILDREN’S PARTICIPATION IN SOCIODRAMATIC PLAY IN THE PRESCHOOL CLASSROOM
P.L.N. Randima Rajapaksha

138 THE BEST METHOD OF LEARNING NEUROANATOMY IN TERMS OF MEDICAL STUDENTS’ PREFERENCE AND PERFORMANCE
K.A.N. Ravindu, C.C. Munasinghe, S.M.S.B. Samarakoon, H.D.R. Pamoda

144 SEEDING SCIENCE SUCCESS: RELATIONS OF SECONDARY SCIENCE STUDENTS’ MOTIVATION WITH THEIR ASPIRATIONS AND ACHIEVEMENT
W.D. Chandrasena, R.G. Craven, D. Tracey, A. Dillon

176 TEACHER DEMEANOR AS PERCEIVED BY GENERAL INFORMATION TECHNOLOGY (GIT) STUDENTS IN RELATION TO THEIR ACHIEVEMENT IN IT
P.A.B.H. Amarathunga, Shamitha Pathiratne

181 USING MOBILE PHONES IN A LESSON WITH MORE CONFIDENCE: USE OF MOBILE PHONES ON A PRIVATE NETWORK
T.M.S. Yatigammana Ekanayake, K.B. Samarakoon, S.D.K. Wijesundera

221 AN EVALUATION OF THE EFFECTIVENESS OF OUTCOME BASED EDUCATION AND STUDENT CENTERED LEARNING IN UNDERGRADUATE EDUCATION
D.C. Bandara, D.V. Jayatilake

280 THE ROLE OF FIELD LEVEL EXTENSION OFFICERS AT DIVI NEGUMA RURAL DEVELOPMENT PROGRAM: A STUDY IN RATHNAPURA DISTRICT
M.S. Elapata, I.C. Hettiarachchi, P. Sivashankar, R.P. Mahaliyanaarachchi, B.E.S. Bandara

286 FACTORS AFFECTING FOR THE SELECTION OF AGRICULTURE AS A SUBJECT AMONG THE G.C.E ADVANCE LEVEL STUDENTS IN SRI LANKA
P.L.B.N. Lakmali, I.C. Hettiarachchi, P. Sivashankar, R.P. Mahaliyanaarachchi, B.E.S. Bandara

290 EFFECTIVENESS OF THE UNIT PALN IN TEACHING-LEARNING PROCESS
D.M.S.C.P.K. Dehideniya, A.M.T.A. Gunaratne
Theme 4: Engineering and Built Environment

24 DEVELOPMENT OF FLOOD MAPS FOR PINGA OYA IN AKURANA AREA

J.A.M. Sajihan, R.M.C.P.S. Jayathilaka, R.M.C.E.M. Rathnayake, K.D.W. Nandalal
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>VIBRATION ENERGY HARVESTER FOR AMBIENT PRESSURE FORCES</td>
<td>T. Rasnakawewa, D.I.B. Randeniya</td>
</tr>
<tr>
<td>54</td>
<td>EFFECT OF TRANSLATIONAL SPEED ON THE COASTAL IMPACT OF SEA SURGES INDUCED BY LANDFALLING TROPICAL CYCLONES</td>
<td>C.K. Marasinghe, J.J. Wijetunge</td>
</tr>
<tr>
<td>120</td>
<td>APPLICATION OF SOME METHODS FOR SCREENING RAINFALL RECORDS AT SEVEN GAUGING STATIONS IN KALU GANNA UPPER CATCHMENT</td>
<td>D.P.H.M. Kanchanamala, H.M.H.K. Herath, K.D.W. Nandalal</td>
</tr>
<tr>
<td>131</td>
<td>MODELLING OF GEOTECHNICAL PARAMETERS TO EVALUATE SOIL EXPANSIVITY</td>
<td>G.A. Chinthaka Ganepola</td>
</tr>
<tr>
<td>151</td>
<td>LEAD (Pb) UPTAKE COMPARISON OF WATER SPINACH (IPOMOEA AQUATICA) AND WATER HYACINTH (EICHHORNIA CRASSIPES) UNDER DIFFERENT METAL STRESSES</td>
<td>M.A.S. Preethika, M.A. Elangasinghe, K.B.S.N. Jinadasa</td>
</tr>
<tr>
<td>155</td>
<td>PERFLUOROOCTANESULFONIC (PFOS) COMPOUNDS IN SRI LANKA – SOURCES AND QUANTIFICATION</td>
<td>C.J. Kosgallana, K.B.S.N. Jinadasa, G. Amarasooriya, S.K. Weragoda</td>
</tr>
<tr>
<td>165</td>
<td>A SYSTEM TO DETERMINE DYNAMIC RATINGS OF POWER DISTRIBUTION LINES</td>
<td>A.H. Wijethunga, J.V. Wijayakulasooriya, J.B. Ekanayake</td>
</tr>
<tr>
<td>171</td>
<td>USE OF SURFACE MODIFIED SILICA IN REINFORCING A SYNTHETIC POLYMER LATEX</td>
<td>R.L.P. Ramasinghe, G.K.B.M. Gannoruwa, N.M.V.K. Liyanage</td>
</tr>
</tbody>
</table>
EXTRACTION AND CHARACTERIZATION OF MONTMORILLONITE NANO PARTICLES FROM NATURAL CLAY DEPOSITS
D.D. Wanasinghe, S.U. Adikary

OPTIMISING ELECTRIC VEHICLE POWERTRAIN COMPONENTS FOR ENHANCED PERFORMANCE

INDOOR NAVIGATION USING INERTIAL NAVIGATION SYSTEM MEASUREMENTS

CONVERSION OF USED HEAVY FUEL OIL AND LUBRICANT ENGINE OIL MIXER INTO LUBRICATING GREASE
S. Sangar, K. Velauthamoorthy, K. Hamsathvanie

APPLICATION OF THE COUPLED ENERGY SIMULATION AND COMPUTATIONAL FLUID DYNAMICS APPROACH FOR PREDICTING ENERGY PERFORMANCE OF BUILDINGS
R.M.P.S. Bandara, R.A. Attalage

INTERPOLATIVE FINGERPRINT MATCHING TECHNIQUE FOR INDOOR LOCALIZATION

RUNOFF MODEL DEVELOPMENT FOR NILAMBE CATCHMENT IN SRI LANKA USING HEC-HMS
W.M.S. Priyankara, S.B. Weerakoon, K.D.W. Nandalal

PD SIGNATURE IDENTIFICATION USING RF ANTENNA FOR CONDITION MONITORING IN POWER TRANSFORMERS

DESIGN OF THE BUCK CONVERTER FOR A CURRENT CONTROLLED PHOTOVOLTAIC EMULATOR
G.P.M. Godakumara, E.H. Senevirathne, P.J. Binduhewa, J.B. Ekanayake

PV INVERTERS TO ENHANCE THE UTILIZATION OF AC NETWORKS

FREQUENCY DOMAIN ICA BASED SIGNAL RESTORATION FROM NON-LINEARLY DISTORTED ACOUSTIC SIGNALS WITH DROPOUTS
ASSESSMENTS OF THE IMPACT OF DEDURU OYA LEFT BANK CANAL ON THE CROPPING INTENSITY OF THE EXISTING IRRIGATION SYSTEMS
D.S. Sampath, S.B. Weerakoon, B.K. Mishra, S. Herath

FACE AND EMOTION RECOGNITION USING EIGENFACES WITH PROBABILISTIC AND SIGNAL CROSS CORRELATION METHODS

AN APPLICATION OF MULTI LEVEL DC-DC CONVERTERS TO MITIGATE DYNAMIC SHADING ON PV CELLS
Shankanee Illangarathna, Jayani Karunarathna, Dharshani Kariyawasam, J.B. Ekanayake, P.J. Binduhewa

EFFECTS OF SAMPLE SIZE IN PREDICTION OF EXPECTED EMPLOYABILITY SKILLS OF ENGINEERING GRADUATES
M.M.G.V. Shyamalee, K.S. Walgama

A STUDY OF DYNAMIC AQUATIC BACKGROUND CONDITIONS FOR FOREGROUND ESTIMATION USING PIXELWISE ONLINE CLUSTERING
M.G.S. Jayasinghe, W.S.K. Fernando, A.A. Senerath, M.P.B. Ekanayake, G.M.R.I. Godaliyadda

VOLTAGE AND CURRENT SENSORS FOR 33 kV EM FIELD BASED FAULT INDICATORS

PRETREATMENT OF WATER HYACINTH TO IMPROVE ETHANOL AND BIOGAS PRODUCTION: A REVIEW

SIGNIFICANT EFFICIENCY GAIN IN ORGANIC SOLAR CELLS USING VERY SMALL CONCENTRATIONS OF SEMICONDUCTING SINGLE WALL CARBON NANOTUBES
Waranatha Abeygunasekara, Lilantha Samaranayake, Veranja Karunaratne, Gehan Amaratunga

xxxvii
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>446</td>
<td>APPLICATION OF GIS TECHNIQUES TO DEVELOP INSTANTANEOUS UNIT HYDROGRAPH WITH USING CLARK’S METHOD</td>
<td>H.K. Nandalal</td>
</tr>
<tr>
<td>448</td>
<td>ELASTO-PLASTIC BEHAVIOUR OF PERFORATED ALUMINIUM PLATES</td>
<td>S.A.S.P. Sathurusinghe, S.R. Herath</td>
</tr>
<tr>
<td>456</td>
<td>DEVELOPMENT OF A GUI COMBINED DATABASE FOR RESERVOIRS</td>
<td>N.M.N.C. Marapana, K.D.W. Nandalal</td>
</tr>
<tr>
<td>465</td>
<td>THE EFFECT OF COUPLING AGENT AND MIXING METHODS ON PROPERTIES OF NATURAL RUBBER AND LOW DENSITY POLYETHYLENE BLENDS</td>
<td>W.D.M. Sampath, S.M. Egodage, D.G. Edirisinghe</td>
</tr>
<tr>
<td>471</td>
<td>LOW COST ANTENNA RANGING SYSTEM</td>
<td>K.T.D. Priyankara, D.N. Uduwawala</td>
</tr>
<tr>
<td>503</td>
<td>CAUSES OF DELAYS IN SRI LANKAN BUILDING CONSTRUCTION PROJECTS</td>
<td>M. Kesavan, N.N. Gobidan, P.B.G. Dissanayake</td>
</tr>
<tr>
<td>505</td>
<td>KINETIC STUDY FOR PHOTOCATALYTIC DEGRADATION OF AMARANTH BY NOVEL N-DOPED ZrO₂</td>
<td>Hanggara Sudrajat, Sandhya Babel</td>
</tr>
<tr>
<td>506</td>
<td>POSSIBILITY OF BIOGAS GENERATION USING INVASIVE PLANT WATER HYACINTH</td>
<td>S.M.W.T.P.K. Ariyarathna, L.P.S.K. Fernando</td>
</tr>
<tr>
<td>545</td>
<td>PERFORMANCE OF ‘PENDULOR’ AND POINT ABSORBER WAVE ENERGY CONVERTERS FOR ONSHORE AND OFFSHORE APPLICATIONS IN SRI LANKA</td>
<td>H.K.C.J. Kankanamge, S.D.G.S.P. Gunawardane</td>
</tr>
<tr>
<td>Page</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>587</td>
<td>Not Presented</td>
<td></td>
</tr>
<tr>
<td>616</td>
<td>UTILIZING RICE HUSK AS AN ADSORBENT FOR REMOVING DYES FROM WASTEWATER</td>
<td>L.G.O.S. Wadasinghe, E.A.M. Geethani, A.M.W. Menike</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>135</td>
<td><strong>Theme 5: Food, Nutrition and Livestock</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTENT OF DEHYDRATED GARLIC POWDER DURING STORAGE</td>
<td>Tilakaratne</td>
</tr>
<tr>
<td>137</td>
<td></td>
<td></td>
</tr>
<tr>
<td>119</td>
<td>IMPROVEMENT OF STORAGE STABILITY AND QUALITY OF COCONUT (COCOS</td>
<td>K.D.M.M. Gamage, P.C. Arampath, S.S. Lanckachandra</td>
</tr>
<tr>
<td></td>
<td>NUCIFERA) MILK</td>
<td></td>
</tr>
<tr>
<td>138</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STUDENTS IN A SELECTED SCHOOL IN COLOMBO DISTRICT</td>
<td>Samaranayake</td>
</tr>
<tr>
<td>139</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NANO-SCALE PARTICLES WITH CARRAGEENAN</td>
<td>Wimalasiri</td>
</tr>
<tr>
<td>140</td>
<td></td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>A PILOT STUDY ON BIOETHANOL PRODUCTION FROM ROTTEN CUCUMBER (CUCUMIS</td>
<td>Maduja Divarathna, P.H.P. Fernando, A.M.P.S.T. Bandara</td>
</tr>
<tr>
<td></td>
<td>SATIVUS)</td>
<td></td>
</tr>
<tr>
<td>141</td>
<td></td>
<td></td>
</tr>
<tr>
<td>238</td>
<td>EFFECT OF PROCESSING METHOD ON PHYSICAL AND SENSORY</td>
<td>M.P.M.S.H. Perera, R. Sivakanesan, D.T.D.J. Abeysekara, K.H. Sarananda,</td>
</tr>
<tr>
<td></td>
<td>CHARACTERISTICS OF SOY (GLYCINE MAX) MILK</td>
<td>K.F.S.T. Silva</td>
</tr>
<tr>
<td>142</td>
<td></td>
<td></td>
</tr>
<tr>
<td>244</td>
<td>DIETARY SUPPLEMENTATION OF DRIED SPIRULINA PLATENSIS ON GROWTH</td>
<td>B.C. Jayawardana, R. Liyanage, J.K. Vidanarachchi, P.M.K.A.H. Keerthikumara, P. Weththasinghe</td>
</tr>
<tr>
<td></td>
<td>PERFORMANCES OF BROILER CHICKEN</td>
<td></td>
</tr>
<tr>
<td>143</td>
<td></td>
<td></td>
</tr>
<tr>
<td>268</td>
<td>COMPARISON OF NUTRIONAL AND FUNCTIONAL PROPERTIES OF RAW AND</td>
<td>B.C. Jayawardana, R. Liyanage, J.K. Vidanarachchi, S.D. Chandrasirip,</td>
</tr>
<tr>
<td></td>
<td>PROCESSED MUNG BEAN (VIGNA RADIATA)</td>
<td>P. Weththasinghe</td>
</tr>
<tr>
<td>144</td>
<td></td>
<td></td>
</tr>
<tr>
<td>269</td>
<td>CONSUMER PREFERENCES IN PURCHASING ORGANIC FRUITS IN KELANIYA D.S</td>
<td>W.P.S. Wijesinghe, P. Sivashankar, I.C. Hettiarachchi, R.P. Mahaliyanaarachchi, B.E.S. Bandara</td>
</tr>
<tr>
<td></td>
<td>DIVISION</td>
<td></td>
</tr>
</tbody>
</table>
282 PROCESSED MUNG BEAN (VIGNARADIATA L.) INCORPORATED DIETS MODULATED SERUM LIPID AND GLUCOSE CONCENTRATIONS IN WISTAR RATS (RATTUSNORVEGICUS) Chaturanga Kiramage, Pabodha Werthasinghe, Chathuni Jayathilake, Rizliya Visvanathan, P. Fernando, B.C. Jayawardana, J.K. Vidanarachchi, Ruvini Liyanage

299 HOUSEHOLDS’ ATTITUDES ON CONSUMPTION OF GREEN LEAFY VEGETABLES IN SEMI URBAN AREAS IN COLOMBO DISTRICT, SRI LANKA L.N.S. De Silva, P. Sivashankar, I.C. Hettiarachchi, R.P. Mahaliyanaarachchi, B.E.S. Bandara

302 MORPHOLOGICAL AND MORPHOMETRIC ANALYSIS OF INDIGENOUS GOATS FOUND IN EASTERN REGION OF SRI LANKA L.S.H.S. Harshana, M.S. Kurukulasuriya, G.L.L. P. Silva

303 A COMPARATIVE STUDY ON DIETARY FIBER, ANTIOXIDANT CONSTITUENTS AND FUNCTIONAL PROPERTIES OF ELEUSINE CORACANA (FINGER MILLET) AND ORYZA STIVA (RICE) L.H.M.P.R. Lansakara, R. Liyanage, K.A. Perera, I. Wijewardana, B.C. Jayawardana, J.K. Vidanarachchi

307 FACTORS AFFECTING THE VEGETABLE PRODUCTION IN BALANGODA DIVISIONAL SECTRTARIAT N.S. Galearachchi, R.P. Mahaliyanaarachchi, P. Sivashankar, I.C. Hettiarachchi, B.E.S. Bandara

308 ANTIOXIDANT AND AMYLASE INHIBITORY ACTIVITY OF MEDICINAL PLANTS IN SRI LANKA Rizliya Visvanathan, Chathuni Jayathilake, Ruvini Liyanage

325 INSTANT FOOD CONSUMPTION PATTERN AMONG UNDERGRADUATES OF SABARAGAMUWA UNIVERSITY OF SRI LANKA AND WAYAMBA UNIVERSITY OF SRI LANKA A.A.C. Krishani, P. Sivashankar, I.C. Hettiarachchi, R.P. Mahaliyanaarachchi, B.E.S. Bandara

332 A COMPARISON OF PHYSICOCHEMICAL PROPERTIES OF BUTTER MADE FROM MILK DERIVED FROM THAMANKADUWA WHITE VS. FRIESIAN BREEDS IN SRI LANKA M.B. Samarasinghe, J.K. Vidanarachchi, S.M.C. Himali

379 SENSITIVITY ANALYSIS OF THE MAXIMUM TEMPERATURE IN THE SEED PASTE BEING EXPRESSED IN A SCREW EXPPELLER L.P.S.K. Fernando, R. Shanthini

412 INFLUENCE OF PACKAGING ATTRIBUTES ON CONSUMER’S PURCHASING DECISION OF PASTEURIZED MILK W.L.N. Gunaratna, B.E.S. Bandara, P. Sivashankar, I.C. Hettiarachchi, R.P. Mahaliyanaarachchi
BIOACTIVE AND NUTRITIONAL PROPERTIES OF AERIAL PARTS OF TRICHOSANTHES CUCUMERINA LINN
Harshani Nadeeshani, Chathuni Jayathilake, V. Rizliya, Ruvini Liyanage, Swarna Wimalasiri

A STUDY ON THE DEVELOPMENT AND QUALITY ASSESSMENT OF PINEAPPLE POWDER AS A VALUE ADDED INGREDIENT FOR FOOD PRODUCTS
T. Mahendran, Y. Inthujaa

A STUDY ON FATTY ACID COMPOSITION OF OIL EXTRACTED FROM CRAB (PORTUNUS PELAGICUS) MEAT AND FISH OIL
D. Premarathna, R.P.V.J. Rajapakse, E Pathirana, A.P. Jayasooriya

DEVELOPMENT OF CEREAL AND PULSE BASED YOGHURT FOR TODDLERS
D.N. Jayawardhana, N.Y. Jayanath, N. Perera

EFFECT OF EXTRACTION TEMPERATURE UPON THE QUALITY OF SESAME OIL, AND INVESTIGATION OF FACTORS AFFECTING ITS MARKETABILITY IN SRI LANKA
J.M.C.M. Jayasekara, D.C.K. Illeperuma, R. Shanthini

COMPARISON OF THE QUALITY OF COMMERCIALLY AVAILABLE SESAME OIL PRODUCED BY SEKKU AND BY SCREW EXPELLER
G.L.C.L. Bandara, A.M.W. Menike, R. Shanthini

EFFECT OF PHYSICALLY STRUCTURED WATER PRODUCED BY NANO-TOURMALINE IMPREGNATED CERAMIC BEADS ON IMPROVING EXTRACTABILITY OF CAFFEINE, CURCUMIN AND OIL EMULSIFICATION
S.M.C.S. Samarakoon, D.C.K. Illeperuma, M. Gunawardana

MORPHOLOGICAL AND PRODUCTION SYSTEM CHARACTERISTICS OF INDIGENOUS WHITE CATTLE IN SRI LANKA
T. Rifkhan, W.N.U. Perera, G.L.L.P. Silva

EFFECT OF ECOTYPES AND FEEDING SYSTEMS ON THE QUALITY AND FUNCTIONAL PROPERTIES OF BACKYARD CHICKEN EGGS

EVALUATION OF METHODS IN DETERMINATION OF SUGAR CONTENT OF BLACK TEA TO DETECT ADULTERATIONS

A CASE STUDY ON INFECTIOUS BURSAL DISEASE AND NEW CASTLE DISEASE IN RELATION TO CLIMATIC PATTERN IN POULTRY IN NORTH CENTRAL PROVINCE OF SRI LANKA

COMPARISON OF TABLE CHICKEN EGGS SOLD IN FOUR DISTRICTS IN SRI LANKA BASED ON QUALITY ATTRIBUTES
Y.H.S.T. Wickramasinghe, J.K. Vidanarachchi, S.M.C. Himali
563 **BOVINE TUBERCULOSIS: A HISTOPATHOLOGICAL STUDY OF THE LUNG LESIONS**  

566 **EFFECT OF LIPID PEROXIDATION ON PROTEIN QUALITY OF SNAKEHEAD FISH (CHANNA STRIATA) STORED AT -10°C FOR 28 DAYS**  
*R.M.T.M. Ramanayake, H.L.S.K. Hiniduma, T.J. Withanage, D.M.S. Munasinghe*

571 **BIOCHEMICAL CHANGES OF NILE TILAPIA (OREOCHROMIS NILOTICUS) STORED IN -10°C**  
*T.J. Withanage, H.L.S.K. Hiniduma, N.H. De Silva, L.J.P.A.P. Jayasooriya, D.M.S. Munasinghe*

603 **COMPARISON OF THE ANTIOXIDANT ACTIVITIES OF SOXHLET EXTRACTS OF SRI LANKAN BLACK, GREEN AND “FACTORY DISCARDED” TEA**  
*T.M. Erandika, P.D. Abeysinghe, P. Ranasinghe, Alex White, L.A.L.W. Jayasekara, R.N. Pathirana, S. Abeysinghe*

618 **LIPID CONTENT AND FATTY ACID PROFILE OF EDIBLE OYSTER CRASSOSTREA MADRASENSIS IN PUTTALAM LAGOON; SRI LANKA**  
*M.M. Subasinghe, B.K.K.K. Jinadasa, A.N. Navarathne*

**Theme 6: Health Sciences**

7 **INFLUENCE OF AGE ON PHYSICAL FITNESS FACTORS OF SCHOOL BADMINTON PLAYERS**  

14 **THE EFFECT OF INVOLVEMENT IN OTHER SPORTS ACTIVITIES ON THE PERFORMANCE OF SCHOOL BADMINTON PLAYERS**  

17 **DIFFERENT CULTURAL PRACTICES AND HEALTH SEEKING BEHAVIOURS ASSOCIATED WITH VAGINAL DISCHARGE**  
*I.M.P.S. Ilankoon, C.S.E. Goonewardena, P.P.R. Perera, R.C. Fernandopulle*

33 **KNOWLEDGE AND DISTRIBUTION OF RISK FACTORS OF OSTEOPOROSIS AMONG FEMALE UNDERGRADUATES IN UNIVERSITY OF PERADENIYA**  
*D.S. Dissanayake, P.L. Thilakarathna, K.M.L.M.B. Kavisekara, T.B. Udagedara, M.A.M. Prabodini*

36 **VIDEO MOTION ANALYSIS OF THE STARTUP IN SPRINTERS**  
*U. Rathnayake, A.N. Thattil, H.A. Amaratunga*
65 A RARE VARIATION OF THE LEFT RENAL VEIN
Linushika De Silva, Sanduni De Silva, Sanjaya Adikari, Gamini Wijeratne

80 RENAL DISEASE PATTERN IN A SAMPLE OF SRI LANKAN ADOLESCENTS UNDERGOING RENAL BIOPSY

84 KNOWLEDGE AND PERCEPTIONS ON CANCER PALLIATIVE CARE AMONG SRI LANKAN NURSES: A QUALITATIVE STUDY
M.K.D.L. Meegoda, D.M.S. Fernando, S. Sivayogan, N.O.S. Atulomah, R.B. Marasinghe, J. Jayasiri

100 FACTORS INFLUENCING THE PHYSICAL INACTIVITY AMONG HIGH SCHOOL STUDENTS IN THE DISTRICT OF JAFFNA, SRI LANKA
S. Thiruvarangan, C.A. Gnanathasan

115 RELATIONSHIP BETWEEN RANGE OF LUMBAR FLEXION AND EXTENSION WITH GENDER AND ANTHROPOMETRIC MEASUREMENTS OF HEALTHY YOUNG UNDERGRADUATE STUDENTS WHO DO NOT ENGAGE IN REGULAR PHYSICAL TRAINING: A STUDY CONDUCTED IN UNIVERSITY OF PERADENIYA, SRI LANKA

127 STUDY ON IMPACT OF ANATOMICAL LOCATION OF RENAL STONES ON MECHANISM OF NUCLEATION AND GROWTH IN SRI LANKAN POPULATION
P.D.N.S. Sumanadasa, H.M.G.T.A. Pitawala, J.G.S. Ranasinghe

136 EFFECTS OF AEROBIC TRAINING (AT) AND RESISTANCE TRAINING (RT) ON BODY COMPOSITION OF FIRST YEAR FEMALE STUDENTS IN THE UNIVERSITY OF PERADENIYA

141 ECTOPARASITES (TICKS AND FLEAS) OF SMALL MAMMALS (MURINE RODENTS AND SHREWS) FROM SELECTED SITES IN KURUNEGALA AND KANDY DISTRICTS
Saranga Yathramullage, Umesha Dissanayake, R.S. Rajakaruna, Suyama Meegaskumbura

145 AWARENESS OF MENSTRUAL HYGIENE AMONG ADOLESCENT GIRLS IN THE KANDY EDUCATIONAL DIVISION
R.A.G.C.A. Karunarathne, B.M.H.S.K. Banheke

152 IRRATIONAL USE OF ANTIBIOTICS AMONG FINAL YEAR UNDERGRADUATES OF FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA
W.M.A.U.K. Wijesinghe, M.H.F. Sakeena

158 EFFECT OF GLYCAEMIC CONTROL ON SERUM CONCENTRATION OF THIOBARBITURIC ACID REACTIVE SUBSTANCE IN LONG TERM DIABETES MELLITUS PATIENTS
R.M.D. Udayangani, R. Sivakanesan, P.L. Kuruppuarachchi

xliii
DETERMINATION OF HYPOGLYCEMIC ACTIVITY OF THE LEAVES OF
ADENANTHERA PAVONINA (MADATIYA): AN ANIMAL STUDY
N.A. Sanjeewani, P.H.P. Fernando, D.B.M. Wickramarathne

GLYCAEMIC CONTROL AND ANTIOXIDANT STATUS IN PATIENTS WITH
LONG TERM DIABETES MELLITUS
R.M.D. Udayangani, R. Sivakanesan, P.L. Kuruppuarachchi

DEVELOPMENT OF A BRIEF INVENTORY FOR QUALITY EVALUATION OF
PANORAMIC RADIOGRAPHS

MICROALBUMINURIA AND ANTIOXIDANT STATUS IN LONG TERM DIABETES
MELLITUS PATIENTS
R.M.D. Udayangani, R. Sivakanesan, P.L. Kuruppuarachchi

PILOT STUDY ON CHANGES IN SOME TRACE ELEMENTS IN LONG BONES IN
OVARIECTOMIZED MICE
E.G.C.N. Premathilaka, G.K.M. Godakumara, P.H.P. Fernando, C.N.R.A. Alles, M.C.N.
Perera, H.N.S. Soysa

A COST EFFECTIVE FEASIBLE METHOD TO TRANSPORT DENGUE VIRAL
NUCLEIC ACID IN AMBIENT TEMPERATURE FOR NEXT GENERATION
SEQUENCING
Kalamathy Murugananthan, Arumugam Murugananthan, Adam Chernick, Frank van de
Meer, Faseeha Noordeen, Fatzal Abdul-Careem

AN ASSESSMENT OF PELVIC SURFACE DOSE DURING CHEST RADIOGRAPHY
IN FEMALE PAEDIATRIC IMAGING
C.C.B. Basnayaka, R.M.A.S. Bandara, S. Sivaruban, D.P. Nanayakkara

ABUNDANCE AND DIVERSITY OF ANOPHELINE LARVAE IN RELATION TO
PHYSICOCHEMICAL PARAMETERS OF BREEDING HABITATS IN SELECTED
SITES IN MANNAR, SRI LANKA
R.M.T.B. Ranathunga, P.A.D.H.N. Gunathilaka, D.N. Kannangara, W. Abeyewickreme,
M.D. Hapugoda

TNF-A AND IL-2 LEVELS IN DENGUE PATIENTS; CHANGES WITH CLINICAL
PROFILES
Thamarasi Senaratne, Faseeha Noordeen, Jillian Carr

GENOTYPIC VARIATION IN THE WHITE SPOT SYNDROME VIRUS ISOLATED
FROM NORTH-WESTERN AND EASTERN PROVINCES IN SRI LANKA
T.R. Wimalarathne, M.N.M. Fouzi, R.P.V.J. Rajapakse

MEASURING RADIATION DOSE TO THE HAND OF A NUCLEAR MEDICINE
TECHNOLOGIST AT A SELECTED PRIVATE HOSPITAL
H.L. Gamage, W.K.D.A. Dharmaratne, R. Hewamanna

xlv
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>204</td>
<td>DOES DRINKING NATURAL SPRING WATER INCREASE THE RISK OF DEVELOPING URINARY STONES?</td>
<td>Udaya Ralapanawa, Buddhika Abeywickrama, Rohana Chandrajith</td>
</tr>
<tr>
<td>207</td>
<td>FACTORS ASSOCIATED WITH PATIENTS’ USE AND SATISFACTION WITH COMPLETE DENTURES</td>
<td>I.P. Thilakumara, T. Anandamoorthy, J.A.V.P. Jayasinghe, R. Pallegama</td>
</tr>
<tr>
<td>219</td>
<td>ATTITUDES AND WILLINGNESS TO UNDERGO A PAP SMEAR TEST AMONG MARRIED WOMEN IN INGIRIYA MOH AREA, SRI LANKA</td>
<td>T.C. Dodangoda, M.K.D.L. Meegoda</td>
</tr>
<tr>
<td>222</td>
<td>INFLUENCE OF NODULE OFFSET IN CAD PERFORMANCE EVALUATION OF LUNG CANCER CT SCREENING: A VIRTUAL NODULE STUDY</td>
<td>D.M.J. Nuwan, S. Wada, M. Ohkubo, A. Yoshida, H. Kobayashi</td>
</tr>
<tr>
<td>223</td>
<td>COMPARISON OF TACROLIMUS 0.1% AND CLOBETASOL 0.05% IN THE MANAGEMENT OF SYMPTOMATIC ORAL LICHEN PLANUS : A RANDOMIZED DOUBLE – BLIND TRIAL IN A TERTIARY CARE CENTRE</td>
<td>P.V.K.S. Hettiarachchi, R.D. Jayasinghe, M.A.M. Sitheeque</td>
</tr>
</tbody>
</table>
231 EFFECT OF RECONSTRUCTION KERNEL AND SLICE THICKNESS ON THE PERFORMANCE OF CAD SOFTWARE USED IN THE SCREENING OF LUNG CANCER
C.M. Munaweera, S. Wada, M. Ohkubo, R.D. Jayasinghe

233 A DESCRIPTIVE STUDY ON EPIDEMIOLOGY AND CHARACTERISTICS OF UROFLOWMETRY AMONG PATIENTS WITH LOWER URINARY TRACT SYMPTOMS (LUTS)

235 CORRELATION BETWEEN PROSTATE VOLUME AND LOWER URINARY TRACT SYMPTOMS (LUTS) AS MEASURED BY INTERNATIONAL PROSTATE SYMTOM SCORE (IPSS)

236 ANALYSIS OF FACTORS INFLUENCING STRESS AMONG NURSES IN INTENSIVE CARE UNITS OF TWO SELECTED TEACHING HOSPITALS

240 THE ASSOCIATION BETWEEN DIABETES MELLITUS AND LOWER URINARY TRACT SYMPTOMS AMONG PATIENTS REFERRED FOR UROFLOWMETRY

242 IMPACT OF SMOKING ON LOWER URINARY TRACT SYMPTOMS AMONG PATIENTS REFERRED TO THE FACULTY OF MEDICINE FOR UROFLOWMETRY

246 ANALYZING THE FACTORS INFLUENCING THE SELECTION OF CONTRACEPTIVE METHODS AMONG MARRIED WOMEN IN SELECTED LOCATIONS OF BATTICALOA DISTRICT
P. Youhasan, S. Sujendran

247 ASSOCIATION BETWEEN TRUNK FLEXIBILITY, TRUNK CURVATURE AND BOWLING SPEED AMONG UNDER NINETEEN SCHOOL BOY CRICKET FAST BOWLERS IN COLOMBO DISTRICT
P.G.I. Udayanga, W.D.N. Dissanayake

250 A SAFETY STUDY ON A NOVEL AYURVEDIC PREPARATION, SUDARSHANA SUSPENSION, IN HEALTHY ADULT VOLUNTEERS
W.A.S.S. Weerakoon, P.K. Perera, D. Gunasekera, T.S. Suresh

256 EPIDEMIOLOGY AND CLINICAL MANIFESTATIONS OF HUMP-NOSED PIT VIPER (GENUS: HYMPALE) ENVENOMATION
ANALYSIS OF CLINICAL FEATURES OF A GROUP OF SRI LANKAN MULTIPLE SCLEROSIS PATIENTS
S.M.K. Gamage, I. Wijeweera, L.Y. Herath, S.B. Adikari, H.M.A. Sominanda

MAGNETIC RESONANCE IMAGING CHARACTERISTICS IN A GROUP OF MULTIPLE SCLEROSIS PATIENTS IN SRI LANKA
S.M.K. Gamage, I. Wijeweera, L.Y. Herath, S.B. Adikari, H.M.A. Sominanda

PREVALENCE AND ASSOCIATED FACTORS OF FLAT FOOT AMONG 6-10 AGED SCHOOL CHILDREN IN GANGAIHALA KORALE EDUCATIONAL DIVISION
V.V. Senadheera, B.M. Nawagamuwa, K. Nidhyia, S. Sivapriyan, W.M.S.M. Warnasooiya, P.M. Maduranga

AN AUDIT ON THE OCCUPATIONAL DISTRIBUTION OF PATIENTS WITH UROLITHIASIS PRESENTING TO TEACHING HOSPITAL PERADENIYA (THP)

Not Presented

IN VIVO CONTACT ANALYSIS OF METACARPOPHALANGEAL (MCP) JOINT USING MAGNETIC RESONANCE IMAGING (MRI)
W.A.P. Ruwan, M. Sakamoto, K. Kobayashi

DETERMINATION OF SUN PROTECTION FACTOR OF COMMERCIALLY AVAILABLE SUNSCREENS

PREVALENCE OF HYPERTENSION AND ASSESSMENT OF ITS MANAGEMENT IN RELATION TO THE LIFE STYLE MODIFICATIONS IN A RURAL COMMUNITY IN THE DISTRICT OF KANDY

CHANGES IN SERUM NITRITE AND NITRATE LEVELS IN DENGUE AND DENGUE HEMORRHAGIC FEVER
Maheshi Mapalagamage, Shiroma Handunnetti, Gayani Premawansa, Sharmila Thillainathan, Dharshan De Silva, Sunil Premawansa

USE OF OVITRAP SURVEILLANCE IN ASSESSING DENGUE OUTBREAK RISK IN SELECTED AREAS IN COLOMBO DISTRICT
M.D. Nirmani, R.K. Madusanka, K.L.N. Perera, G.H. Galhena

PREVALENCE OF DIABETES MELLITUS IN A SELECTED RURAL COMMUNITY IN KANDY DISTRICT AND THE ASSESSMENT OF UTILIZATION OF LIFESTYLE MODIFICATIONS
THE EFFECTS OF COMMONLY USED FUNGICIDE “MANCOZEB” ON EMBRYO IMPLANTATION AND FERTILITY AN IN VIVO MICE STUDY

CORRELATION BETWEEN ANAEMIA AND THIOBARBITURIC ACID REACTIVE SUBSTANCES IN PATIENTS WITH LONG TERM DIABETES MELLITUS
R.M.D. Udayangani, R. Sivakanesan, P.L. Kuruppuwarachchi

EVALUATION OF THE RADIATION DOSE DURING THE MULTIPHASE ABDOMINOPELVIC SCAN OF MULTIDETECTOR COMPUTED TOMOGRAPHY (MDCT) IN DIFFERENT TYPES PROTOCOLS
P. Sathiyathas, H.M.I.S.W. Herath

OPTIMIZATION OF THE CELL CULTURE MEDIA TO OBTAIN THE MOST EFFECTIVE NUTRIENT CONCENTRATIONS IN THE MEDIUM FOR THE GROWTH AND MAINTENANCE OF THE MYELOMA CELLS

DISPENSING PATTERNS OF CONTROLLED RELEASE TABLETS IN KANDY MUNICIPAL AREA, SRI LANKA
Dhakshila Niyangoda, R.C. Jayathunga, S.H.T. Sudeshika

COMPARISON OF THE GLYCAEMIC INDEX OF STRING HOPPER FOOD AND STRING HOPPER MEALS IN CONTROLLED DIABETICS
A.M. Muthalib, K.A. Naser, R. Sivakanesan, B.M. Nageeb

SAFETY EVALUATION OF ANTICARCINOGENIC α – ELEOSTEARIC ACID RICH FAT EXTRACTED FROM MOMORDICA CHARANTIA (BITTER MELON) SEEDS USING A MOUSE MODEL

METRIC AND NON-METRIC CHARACTERISTICS OF THE FEMUR IN A CONTEMPORARY SRI LANKAN POPULATION

AN EVALUATION OF THE EFFECT OF DEVELOPMENT TIME ON X-RAY FILM DENSITY
R.D. Jayasinghe, B.S. Weerakoon, M.G.R.S. Perera

PATTERN OF LOWER EXTREMITY INJURIES AMONG MALE SCHOOL FOOTBALL PLAYERS IN KANDY EDUCATIONAL ZONE

ELUCIDATION OF THE RELATIONSHIP BETWEEN A BONE TURNOVER MARKER, CTX, AND SOME TRACE MINERALS
G.K.M. Godakumara, E.G.C.N. Premathilake, N. Alles, P.H.P. Fernando, N.S. Soysa
STUDENTS’ PERFORMANCE AND PERCEPTIONS WHEN USING DIGITAL CADAVER IMAGES VERSUS COMPUTER GRAPHICS IN LEARNING ANATOMY
Chantha Jayawardena, Patricia Reynolds

EVALUATION OF ROOT AND ROOT CANAL MORPHOLOGY OF PERMANENT FIRST AND SECOND MANDIBULAR MOLARS USING CONE BEAM COMPUTED TOMOGRAPHY (CBCT) IN A SRI LANKAN POPULATION
P.K. Jayasundara, R.D. Jayasinghe, M.C.N. Fonsek, K.A. Wettasinghe

EFFICACY OF DIFFERENT NON-SURGICAL METHODS IN THE MANAGEMENT OF NON-VITAL TEETH WITH LARGE PERiapical LESIONS
M.C.N. Fonsek, P.A.D.M.R. Gunathilake, R.L. Wijeyeweera, K.M. Wijerathne, K.A. Wettasinghe

CULTURALLY ACCEPTABLE PRACTICES FOR MANAGEMENT OF DIABETES MELLITUS AMONG THE TAMILS LIVING IN THE BATTICALOA DISTRICT
G. Kisokanth, S. Prathapan, J. Indrakumar, J. Joseph

KNOWLEDGE AND ATTITUDES ON DIABETES MELLITUS IN A RURAL POPULATION IN SRI LANKA
Udaya Ratapanawa, Kushalee Jayawickreme, Madhushanka Ekanayake

PLASMA CELL MUCOSITIS AFFECTING ORAL MUCOSA: A REPORT OF 11 CASES

AN ANALYSIS OF CERVICAL LYMPH NODES METASTASIS IN ORAL SQUAMOUS CELL CARCINOMA: RELATIONSHIP BETWEEN CLINICAL AND HISTOPATHOLOGICAL STATUS OF NODAL METASTASIS
A.L.M. Rizan, R.D. Jayasinghe, B.S.M.S. Sirwardena, A.M. Attygalla

α-GLUCOSIDASE INHIBITORY ACTIVITY OF SYZYGIUM CUMINI LEAF EXTRACTS

THE USEFULNESS OF TUMOUR THICKNESS IN PREDICTING NODAL METASTASIS OF ORAL SQUAMOUS CELL CARCINOMA (PRELIMINARY STUDY)
R.K. De Silva, B.S.M.S. Sirwardena, W.M. Tilakaratne

COMPARISON OF SERUM ELECTROLYTE CONCENTRATIONS MEASURED IN ARTERIAL BLOOD GAS ANALYSER AND ION SELECTIVE ELECTRODE ANALYSER
G.D.M.C. Gonapaladeniya, I.D. Siriwardana, B.K.T.P. Dayanath, K. Jayasekara

EVALUATION OF DISSOLUTION PROFILE AND PHYSICAL PARAMETERS OF METFORMIN HYDROCHLORIDE SUSTAINED RELEASE TABLETS IN THE SRI LANKAN MARKET
V. Ajeethan, D. Shanika, Nedra Karunaratne
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>485</td>
<td>A COMPARISON BETWEEN SODIUM FLUORIDE AND ACIDIFIED BLOOD SAMPLES TO PREVENT IN-VITRO REDUCTION OF BLOOD GLUCOSE</td>
<td>I. Uluwaduge, K. Thillainathan, J. Jeyachandran, S.S.P. Gamage</td>
</tr>
<tr>
<td>493</td>
<td>ADVERSE EFFECTS IN ELDERLY MULTIPLE MYELOMA TREATED WITH NOVEL ANTI-MYELOMA AGENTS</td>
<td>R.M.P.M. Rathnayake, S. Bowcock</td>
</tr>
<tr>
<td>508</td>
<td>FORMULATION AND STABILITY EVALUATION OF VIRGIN COCONUT OIL BASED (VCO) 5% OILY PHENOL SOLUTION FOR SCLEROTHERAPY</td>
<td>R.K. Suraweera, N.M.Y. Bagyawantha, H.M.S.R.B. Kotakadeniya, M.H.F. Sakeena</td>
</tr>
<tr>
<td>513</td>
<td>ORAL HEALTH STATUS AND OWN PERCEPTION OF ORAL HEALTH AMONG INSTITUTIONALIZED CHILDREN IN CENTRAL PROVINCE, SRI LANKA</td>
<td>S.R. Gunawardane, H.M.R.W. Angamanna, N.N. Palanage, S.D. Dharmarathna, B.M.H.S.K. Bannaheka, M.C.N. Fonseka</td>
</tr>
<tr>
<td>521</td>
<td>IN-VIVO ANTIOXIDANT ACTIVITY OF RASNA SAPTHAKAYA DECOCTION IN WISTAR RATS</td>
<td>R. Sanjeev, T.S. Suresh, J.M. Dahanayake</td>
</tr>
<tr>
<td>544</td>
<td>KNOWLEDGE AND PRACTICES ON FOLLOW UP CARE AMONG KIDNEY TRANSPLANT RECIPIENTS OF A SELECTED NEPHROLOGY UNIT</td>
<td>G.L.A. Sameera, C.A. Wanigatunge</td>
</tr>
</tbody>
</table>
ANALYSIS OF THE SIGNIFICANCE OF PATTERN OF INVASION IN RELATION TO PROGNOSIS OF ORAL SQUAMOUS CELL CARCINOMA
H.D.N.U. Karunatilaka, B.S.M.S. Siriwardena, W.M. Tilakaratne

EFFECTS OF ACUTE HIGH GLUCOSE AND OSMOLALITY ON CHANGES OF INTRACELLULAR CALCIUM LEVEL IN MOUSE NEOCORTICAL SLICES
W.M.K.M. Bandara, N. Fujiwara, R.P. Illeperuma

BURN INJURY AND ASSOCIATED EFFECTS ON UPPER LIMB MOBILITY, FUNCTIONS OF HANDS AND ACTIVITIES OF DAILY LIVING
M.M.N. Perera, P.P. Nanayakkarawasam, P. Katulanda

A DESCRIPTIVE STUDY OF DISTRIBUTION OF ULTRASONOGRAPHIC ABNORMALITIES OF THE THYROID GLAND IN A STUDY COHORT IN THE KANDY DISTRICT
G.B. Hettiarachchi, S. Rosairo, F. Hassen, P.V.R. Kumarasiri, R. Sivakanesan

EVALUATION OF PRO-BIOTIC ATTRIBUTES OF HUMAN CANDIDA SPECIES: A PRELIMINARY STUDY INVOLVING ACTIVITY AGAINST ENTERIC PATHOGENS
D. Pathirage, T. Madhujith, G.J. Panagoda

UNEXPECTED HUMAN ACTIVITY RECOGNITION ON SMARTPHONE USING ACCELEROMETER DATA
S. Kirushanth, T. Keteesan

ANALYSIS OF RUBBER CLONES ACCORDING TO AGRO-CLIMATIC VARIABILITY OF SRI LANKA
K.A.D.N. Dinushi, W.M.P.M. Wickramasinghe, P.M.O.P. Panahatipola

MARKOV CHAIN MODELS FOR ONE DAY INTERNATIONAL CRICKET MATCHES
V. Anuthrika, S. Arivalzahan

IMPLEMENTING THE CONCEPT OF OVERALL EQUIPMENT EFFECTIVENESS IN A LOSS TIME ANALYSIS SYSTEM
A. Dharmasiri, M. Mendis, W.B. Daundasekera

A COPULA BASED METHOD FOR ANALYZING METHOD COMPARISON DATA
K.R. Aravind, L.S. Nawarathna

ANALYSIS OF MAJOR RISK FACTORS CONTRIBUTING TO SUICIDE USING LOGISTIC REGRESSION METHOD
A. Srikanthan, L.S. Nawarathna

PERFORMANCE ANALYSIS OF FEW MAJOR ALGORITHMS FOR SOLVING PERMUTATION FLOW SHOP SCHEDULING PROBLEMS
169 TIME SERIES MODELLING OF MONTHLY MAXIMUM TEMPERATURE IN COLOMBO, SRI LANKA
S. Jeevana, A. Laheetharan

211 A STUDY OF SMOKING CESSATION OF USA ADULTS USING MARKOV CHAIN METHOD
A.R.C. De Vas Gunasekara, A.A.C.A. Jayathilake, A.A.I. Perera

224 NETWORKS CLUSTERING METHOD BASED ON SELF-ORGANISING FEATURE MAP FOR N-DIMENSIONAL PROJECTION OF NETWORK DATA
A. Galappaththi, M.A.P. Chamikara, A.A.C.A. Jayathilake, Y.P.R.D. Yapa, S.R. Kodituwakku, J. Gunatilake

253 FORECASTING SRI LANKAN GOLD PRICES USING TIME SERIES ANALYSIS
P.A.A.C. Pitigalaarachchi, D.D.M. Jayasundara, N.V. Chandrasekara

263 A MORPHOLOGICAL AND GRADIENT BASED APPROACH TO CLASSIFY PLANT LEAVES USING SUPPORT VECTOR MACHINES
P. Kobikrishna, A. Ramanan

293 BLASCHKE-LIKE PRODUCTS OF DEGREE TWO
K.M.N.M. Chathuranga, R.M.P.S. Rathnayaka, A.A.S. Perera

400 METABOLOMIC ANALYSIS OF HUMAN NON-SMALL CELL LUNG CANCER
S.M. Vidanagamachchi, S.D. Dewasurendra, M. Niranjan

437 ON OBTAINING AN INITIAL SOLUTION TO AN UNBALANCED TRANSPORTATION PROBLEM: VAM WITH OR WITHOUT BALANCING
Z.A.M.S. Juman

438 TESTBED FOR POWER ANALYSIS ATTACK BASED ON THE ARDUINO PROTOTYPING BOARD
Hasindu Gamaarachchi, Harsha Ganegoda, Roshan Ragel

457 ENHANCEMENT OF PERFORMANCE IN SINHALA LANGUAGE SYNTAX CHECKING SYSTEM FOR NOVEL SENTENCE PATTERNS BY DEPTH LIMITING
T.M.A.U. Gunathilaka

466 ADAPTIVE NUMERICAL METHODS FOR FIVE-AXIS CNC MACHINING
Stanislav Makhanov

469 A COMPARATIVE ANALYSIS ON ISSUES OF USING DIFFERENT TEST AUTOMATION FRAMEWORKS FOR WEB APPLICATION TESTING
A.M. Imbulpitiya, S. Jayalal

491 FOSTERING TEXT MESSAGING FOR MOBILIZATION OF KNOWLEDGE IN EXPORT AGRICULTURE-BASED COMMUNITIES IN THE KURUNEGALA DISTRICT, SRI LANKA
EXTENDED BUSINESS SERVICE AND RESOURCE MODEL WITH A RULE BASE
G.N.P. Artyasinghe, J. Jayasinghe Arachchige

INFLUENCE OF MACROECONOMIC AND MONETARY POLICY VARIABLES ON VOLATILITY OF ALL SHARE PRICE INDEX
A.G.K.M.C.P. Gamakumara, C.D. Tilakaratne

A PREDICTIVE MODEL FOR ANNUAL NATIONAL COCONUT PRODUCTION (ANCP) OF SRI LANKA
A.D. Bulathsinghala, P. Wijekoon, Dushan Kumarakumara

ON SUPPORT POINTS OF THE CLOSED CONVEX HULL OF A TWO-PARAMETER FAMILY OF ANALYTIC FUNCTIONS
A.A.S. Perera

FORECASTING EXTREME DROUGHT EVENTS IN MAJOR COCONUT GROWING AGRO-ECOLOGICAL REGIONS
J.M.D.R. Jayawardana, R.D Yapa, Dushan Kumarakumara

SPATIAL ASSOCIATION AND COMPETITION OF TREE SPECIES IN SINHARAJA FOREST
M.A.S. Senevirathna, I.A.U.N. Gunatilleke, C.V.S. Gunatilleke, Saranga Amila Ruwan

COMPARISON OF THE APPLICABILITY OF FFT AND LPC METHODS FOR NATURAL HUMAN VOICE SYNTHESIS
H.M.L.N.K. Herath, J.V. Wijayakulasooriya

STOCHASTIC APPROACH IN MODELLING TIMBRE OF SITAR
S.N. Gunasekera, J.V. Wijayakulasooriya, P.C. Perera

CONTRIBUTION OF UNIVERSITY ACADEMICS IN DISSEMINATION OF AGRICULTURAL TECHNOLOGY AND INFORMATION TO THE COMMUNITY AND INDUSTRY
R.M.S. Wijerathna, H.V.A. Wickramasuriya, B. Marambe

Theme 8: Natural Sciences

VALUE-ADDITION AND THERAPEUTIC ENHANCEMENT OF KING COCONUT WATER (COCOS NUCIFERA VAR. AURANTIACA) BY FERMENTATION WITH KOMBUCHA ‘TEA FUNGUS’
Mindani I. Watawana, Nilakshi Jayawardena, Chaminie B. Gunawardhana, Viduranga Y. Waisundara

Not Presented
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>139</td>
<td>DIVERSITY AND ABUNDANCE OF QUESTING TICK SPECIES IN HANTANA AND RANDENIGALA FOREST RESERVES</td>
<td>D.R. Liyanaarachchi, R.S. Rajakaruna, P.R.M.P. Dilrukshi, R.P.V.J. Rajapakse</td>
</tr>
<tr>
<td></td>
<td>IN SRI LANKA</td>
<td></td>
</tr>
<tr>
<td>148</td>
<td>DEATH, STUNTING, DELAYED METAMORPHOSIS AND MALFORMATIONS: PERNICIOUS EFFECTS OF COMMONLY USED</td>
<td>Dhanushika Wijekoon, Suranga Kodithuwakku, Gayani Senevirathne, Madhava Meegaskumbura</td>
</tr>
<tr>
<td></td>
<td>FUNGICIDE “MANCOZEB” ON POLYPEDATES CRUCIGER TADPOLES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CATTLE TICK RHIPICEPHALUS (BOOPHILUS) MICROPLUS FROM KURUNEGALA, SRI LANKA</td>
<td></td>
</tr>
<tr>
<td>153</td>
<td>PARTIAL CHARACTERISATION OF SERINE PROTEASE INHIBITORS FROM SEMECARPUS NIGRO-VIRIDIS</td>
<td>N.N.H. Karannagoda, M. Ishan, S. Rajapakse</td>
</tr>
<tr>
<td>154</td>
<td>SENSITIVITY CYCLING IN PHYSICALLY-DORMANT SEEDS OF IPOMOEA TRILOBA (CONVOLVULACEAE) AND SIDA</td>
<td>R.G.J.K.K. Rajamanthri, Niranjan Mahadevan, K.M.G. Gehan Jayasuriya</td>
</tr>
<tr>
<td></td>
<td>RHOMBIFOLIA (MALVACEAE): FIRST REPORT FOR TROPICAL SPECIES AND MALVACEAE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Weerarathne, S.H.P.P. Karunaratne</td>
</tr>
<tr>
<td></td>
<td>VAGINALIS IN DIFFERENT CLIMATIC ZONES OF SRI LANKA</td>
<td></td>
</tr>
<tr>
<td>198</td>
<td>ANTIMICROBIAL, ANTIOXIDANT, CYTOTOXIC ACTIVITY AND PHENOLIC CONTENT OF TETRACERA SARMENTOSA</td>
<td>R.A.B.S. Ranasinghe, Y.A. Priyadarshana, M.D.M. Chamikara, D.S.A. Wijesundara, A.</td>
</tr>
<tr>
<td></td>
<td>(KOROSA WEL)</td>
<td>Wickramsinghe, S. Rajapakse</td>
</tr>
<tr>
<td>216</td>
<td>TWO SESQUITERPENES FROM BIPOLARIS SOROKINIANA, AN ENDOPHYTIC FUNGUS FROM COSTUS SPECIOSUS</td>
<td>M. Mallique Qader, N. Savitri Kumar, Lalith Jayasinghe, Yoshinori Fujimoto</td>
</tr>
<tr>
<td></td>
<td>(KOEN.) LEAVES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RELATIONSHIPS AND SYCONIAL CHARACTERS OF FICUS EXASPERATA VAHL (MORACEAE) IN KANDY DISTRICT,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SRI LANKA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
227 COMPARISON OF LITTER ARTHROPOD DIVERSITY AND ASSEMBLAGES BETWEEN TWO VEGETATION TYPES IN UPPER HANTHANA FOREST RESERVE, SRI LANKA
T.H.S.E. Silva, W.A.I.P. Karunaratne

228 LIFE CYCLE OF NOSOMMA MONSTROSUM UNDER LABORATORY CONDITIONS
K.O. Bandaranayaka, R.S. Rajakaruna

230 CALL REPERTOIRE OF PSEUDOPHILAUTUS VIRIDIS (ANURA: RHACOPHORIDAE): AN ENDEMIC SHRUB-FROG OF SRI LANKA.
A. Gunarathna, N. Wijayathilaka, G. Senevirathne, M. Meegaskumbura

262 INSECT COLONIZATION AND SUCCESSION IN DECAYING CARCASSES PLACED IN SELECTED SITES OF THE PERADENIYA UNIVERSITY PARK
R.R.M.W. L. Rathnayake, W.A.I. P. Karunaratne

270 CHARACTERIZATION OF SOL-GEL SPIN COATED NANOCRYSTALLINE CADMIUM SULPHIDE THIN FILMS
D.M.C.U. Dissanayake, P. Samarasekara

276 SYNTHESIS OF A METALLATED PORPHYRIN COMPLEX USING FERROUS SULFATE AND INVESTIGATING ITS CHARACTERISTICS
H.A.K. Wijesekara, K.G.C. Senarathna, R.M.G. Rajapakse

294 ANTI-FUNGAL ACTIVITY AND ISOLATION OF A KAURANE DITERPENOID FROM ROOT EXTRACT OF AUSTROEUPATORIUM INULIFOLIUM (KUNTH) KING & ROBINSON
Thahani Shifna, Sumedha Madawala, Veranja Karunaratne, Siril Wijesundara

295 A NEW HETEROCYCLIC COMPOUND FROM THE REACTION OF 9-METHYL-4,7-DIOXODODECANOIC ACID WITH HYDRAZINE
Chayanika Padumadasa, G.M. Kamal, B. Gunaherath, Ranga S. Jayakody, Amila M. Abeysekera

296 DEVELOPMENT OF A PAPER-BASED ELECTROCHEMICAL DEVICE FOR THE SIMULTANEOUS DETECTION OF CADMIUM AND COPPER
G.M.C. Udeshika, M.N. Kaumal, H.R. Perera

298 PESTALOTIN AND HYDROXYPSETALOTIN FROM AN ENDOPHYTIC FUNGUS ISOLATED FROM MANILKARA ZAPOTA FRUITS
G.R.N. Rathnayake, N. Savitri Kumar, Lalith Jayasinghe, Hiroshi Araya, Yoshinori Fujimoto

305 AN ASSESSMENT OF ANTIBIOTIC RESISTANCE IN BACTERIA ISOLATED FROM POULTRY MANURE AND MANURE AMENDED SOILS IN KANDY DISTRICT, SRI LANKA
A.G.K.N. Palansooriya, W.S. Dandeniya, E.M. Herath

310 MICROHABITAT AFFINITIES OF MURINE RODENTS (RATS AND MICE) INHABITING GRASSLAND HABITATS IN PERADENIYA UNIVERSITY PREMISES
Ama Pothuhera, Suyama Meegaskumbura
MOLECULAR AND MORPHOMETRIC CHARACTERIZATION OF PARABRONEMA SPP. IN ASIAN WILD ELEPHANT (ELEPHAS MAXIMUS MAXIMUS) IN UDAWALawe NATIONAL PARK IN SRI LANKA

IS MCPA A BETTER HERBICIDE? EFFECT OF MCPA ON TADPOLES OF COMMON HOURGLASS TREE FROG POLypedates CRUCiger UNDER LABORATORY CONDITIONS
Nuwan Karunarathna, Madhava Meegaskumbura, R.S. Rajakaruna

DIVERSITY AND DISTRIBUTION OF DOG Ticks IN SRI LANKA
U.I. Dissanayake, R.S. Rajakaruna

REPRODUCTIVE BEHAVIOR AND EMBRYONIC DEVELOPMENT IN THE GIANT DANIO, DEVARIO MALABARICUS
S. Sumathipala, G.N. Hirimuthugoda, S. Kumburegama

VASCULAR ENDOTHELIAL CELL DAMAGE BY PATHOGENIC LEPTOSPIRA
Narmada Fernando, Jayamini Harasgama, Roshan Niloofa, Lilani Karunanayake, Janaka H. de Silva, Senaka Rajapakse, Sunil Premawansa, Shiroma Handunnetti

BIOACTIVITIES OF INVASIVE PLANT AGERATINA RIPARIA
Chulangani Weerasooriya, Veranka Karunaratne, Thahani Shifnam, Sumedha Madawala

CHARACTERISATION OF EXTRACELLULAR LIpASE FROM FUNGUS, CLADOSPORIUM SP
D.R.R.P. Dissanayake, P. Samaraweera

LIPASE AND AMYLASE INHIBITORY ACTIVITY OF CUMINUM CYMINUM SEED EXTRACTS
A.M.K.C. Attanayake, L.T.M. Karunarathne, W.I.T. Fernando, N.S. Kumar, L. Jayasinghe

BIOACTIVITY OF EXTRACTS FROM FRUITS OF LIMONIA ACIDISSIMA
Dhakshila Niyangoda, Dinusha Kanatiwela, Gehan J. Panagoda, N. Savitri Kumar, Lalith Jayasinghe

HETEROGENEOUS ZnO/CuO COMPOSITE AS A CATALYST FOR PRE-ESTERIFICATION OF HIGH FREE FATTY ACID CONTAINING COCONUT OIL: FOR THE PRODUCTION OF BIODIESEL
T.M.M. Marso, Manawadevi Y. Udugala-Ganehenege, C.S Kalpage

STERIC EFFECTS OF SUBSTITUENTS ON FURyLFULGIDE MOLECULAR SWITCHES
I.S.W. Gallindawatte, A.A.D.M. Adhikari, C.V. Hettiarachchi, R.J.K.U. Ranatunga

AN EFFICIENT POLYACRYLONITRILE BASED QUASI-SOLID-STATE ELECTROLYTE FOR DYE-SENSITIZED SOLAR CELLS
A.M.C. Senevirathne, V.A. Seneviratne, O.A. Ileperuma
<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>478</td>
</tr>
<tr>
<td>482</td>
</tr>
<tr>
<td>483</td>
</tr>
<tr>
<td>490</td>
</tr>
<tr>
<td>500</td>
</tr>
<tr>
<td>502</td>
</tr>
<tr>
<td>504</td>
</tr>
<tr>
<td>531</td>
</tr>
<tr>
<td>540</td>
</tr>
<tr>
<td>550</td>
</tr>
<tr>
<td>554</td>
</tr>
</tbody>
</table>

Imanda Jayawardena, Pahan I. Godakumbura, M.A.B. Prashantha

Kaushalya Pathirana, Ranjan Dissanayake, Kaushalya Premachandra

V. Nivethika, G. Mikunthan

Nimshi Fernando, Pahan I. Godakumbura, M.A.B. Prashantha, Preeni Fernando

A.L.S. Sewwandi, M.D.S.T. de Croos

K.U. Attanayake, A.N. Navaratne, R.J.K.U. Ranatunga

D.R.K. Weerasuriya, S.L. Wijesinghe, A. W. Bulathge, R.M.G. Rajapakse

Siddhartha Thennakoon, K.G.C. Senarathna, E.N. Jayaweera, G.R.A. Kumara, Samodha S. Gunathilake

R.K.R.S. Ranasinghe, C.M. Nanayakkara, H.A. Sumanasena, D.N. Samaraweera

METACHROMATIC ACTIVITY OF SOME SPECIES OF MARINE MACRO ALGAE
FOUND IN THE SOUTHERN SRI LANKAN COAST

ISOCOUMARINS AND DIHYDROISOCOUMARINS FROM AN ENDOPHYTIC FUNGUS ISOLATED FROM THE FRUITS OF AVERRHOA CARAMBOLA
Thulasy Sritharan, N. Savitri Kumar, Lalith Jayasinghe, Hiroshi Araya, Yoshinori Fujimoto

SURFACE MODIFICATION OF γ-Fe₂O₃ NANO PARTICLES AND KINETIC STUDIES ON ADSORPTION OF CHLOROPHENOLS ON Cu-MODIFIED γ-Fe₂O₃ NANO PARTICLES
K.R.D.C. Premachandra, D.N. Welikala, A. Bandara, R. Weerasooriya

SYNTHESIS, CHARACTERIZATION AND INVESTIGATION OF ANTIMICROBIAL ACTIVITY OF MIXED LIGAND COMPLEXES CONTAINING PARACETAMOL
J.A.I.U. Jayasooriya, C.L. Abayasekera, C.V. Hettiarachchi

PRESSURE DEPENDENCE OF ELECTRONICALLY CONDUCTING COMPOSITE MATERIALS BASED ON POLYMER AND CARBON
I.C. Angunawela, S.M.T.K. Labutale, P.W.S.K. Bandaranayake

NEST SUCCESS AND SEX RATIO OF HATCHERY RELOCATED GREEN TURTLE EGGS
S. Hewapathiranage, S. Jayaratne, R.S. Rajakaruna

ANTIMICROBIAL, ANTIOXIDANT, CYTOTOXIC ACTIVITIES AND POLYPHENOLIC CONTENT OF HOLARRHENA MITIS R.Br
W.G.D. Wickramasingha, K. Kulatunga, W.A.S. Wijendra, D.N. Karunaratne, S. Jayasinghe, V. Karunaratne

Theme 9: Plant Sciences and Forestry

BRYOPHYTE FLORA OF THE KANNELIYA FOREST RESERVE
N.C.S. Ruklani, S.C.K. Rubasinghe

A TAXONOMIC SURVEY OF EPiphytic BRYOPHYTES IN SELECTED LOCALITIES OF THE CENTRAL PROVINCE OF SRI LANKA

MORPHOMETRIC ANALYSIS OF THE GENUS Aponogeton in Sri Lanka
Chapa Manawaduage, Deepthi Yakandawala

CHROMOSOME NUMBERS OF THREE ENDEMIC SPECIES OF FAMILY ORCHIDACEAE FROM SRI LANKA
W.A.M.P. Artyarathne, Tae-soo Jang, Hanna Weiss-Schneeweis, Rosabelle Samue, Deepthi Yakandawala, D.S.A. Wijesundara
64 SEED BIOLOGY OF SIX SELECTED RICE FIELD WEEDS IN SRI LANKA
H.G. Sashika Sumudunie, K.M.G. Gehan Jayasuriya

68 SOME PHYTOCHEMICAL CHARACTERISTICS AND THE EFFECT OF SEASONAL VARIATION ON ANTIOXIDANT ACTIVITY OF CELOSIA ARGENTEA (‘KIRIHENDA PALA’): AN UNDER-UTILIZED MEDICINAL PLANT AND A LEAFY GREEN IN SRI LANKA
H.N.K. Fernando, W.A.M. Daundasekera, P. Malathy

85 CORRELATION OF SEED DORMANCY AND STORAGE BEHAVIOUR TO OTHER SEED AND PLANT TRAITS: A STUDY OF HUNDRED FABACEAE SPECIES FROM SRI LANKA
H.M.R.R. Herath, L.S. Nawarathna, K.M.G.G. Jayasuriya

90 BIOLOGICAL CONTROL OF AVOCADO (PERSEA AMERICANA MILL.) STEM-END ROT USING AUREOBASIDIUM PULLULANS
Y.D.S. Madhupani, N.K.B. Adikaram

103 RELATIONSHIPS OF YIELD AND YIELD RELATED CHARACTERISTICS WITH MATURITY DURATION IN NEAR ISOCENIC RICE LINES
L.M. Wickramasinghe, D.S. De Z. Abeyesiriwardana, V.A. Sumanasinghe

109 EFFECT OF ETHREL CONCENTRATION AND STAGES OF SPRAY ON GROWTH AND SEX EXPRESSION OF BITTER GOURD (MOMORDICA CHARANTIA L.)
A.W.A. Sandamali, Hemal Fonseka, V.A. Sumanasinghe, H.M.P.S. Kumari

110 PRELIMINARY INVESTIGATIONS ON MICROGREENS: AN EMERGING HEALTH FOOD
Gayathree I. Senevirathne, N.S. Gama-Arachchige, Anjani M. Karunaratne

122 MOLECULAR AND SEROLOGICAL IDENTIFICATION OF THE BACTERIUM ASSOCIATED WITH WATERMELON FRUIT BLOTCH IN SRI LANKA AND CONFIRMATION OF PATHOGENICITY

124 IMPROVING POSTHARVEST LONGEVITY OF NEPHROLEPIS HIRSUTULA (FROST.) C. PRESL CUT FOLIAGE
Thulsi H. Chandrathilake, J.W. Damunupola

174 FLORISTIC COMPOSITION OF JATHIKA NAMAL UYANA FOREST IN SRI LANKA
W.I.N.S. Senevirathne, W.M.G.A.S.T.B. Wijetunga, D.S.A. Wijesundara

177 EFFECTS OF ORGANIC ADDITIVES ON THE CALLUS INITIATION OF ANTHURIUM VARIETIES: ANTHURIUM ANDRAEANUM, ANTHURIUM ANDRAEANUM (LADY JANE) AND ANTHURIUM HOOKERI
T.N.K. Amarakoon, D.C. Bandara, H.M.I. Herath

183 TAXONOMY OF THE FAMILY POLYTRICHACEAE SCHWÄGR. IN SRI LANKA
Priyasha S. Wasala, S.C.K. Rubasinghe
186 EFFECT OF BENZYL AMINO PURINE ON SHOOT PROLIFERATION OF APICAL BUDS OF IN-VITRO CULTURED AEGLE MARMELOS (L.) SEEDLINGS
B.A.D.D. Bamunusinghe, J.P. Eeswara, L. Sanjeewanie

239 MOLECULAR EVIDENCE CONFIRMS THE OCCURRENCE OF NYMPHAEA RUBRA ROXB.EX ANDREWS IN SRI LANKAN FRESH WATERS
D.P.G.S. Kumudumali, Deepthi Yakandawala, Kapila Yakandawala

277 EFFECTIVENESS OF ORGANIC ADDITIVES (POTATO, WATERMELON, AND AVOCADO) IN GERBERA TISSUE CULTURE MEDIUM
S. Sugatha, D.C. Bandara, H.I.M. Herath

288 ARBUSCULAR MYCORRHIZAL FUNGI IN MONTANE FORESTS AND GRASSLANDS OF DOTHALUGALA MAB RESERVE, SRI LANKA
R.M.V.N. Gunarathne, H.M.S.P. Madawala, G.A.D. Perera

321 RELATIVE IMPORTANCE OF JANZEN-CONNELL AND STOCHASTIC EFFECTS ON SURVIVAL OF DOMINANT TREE SPECIES IN SINHARAJA FOREST
N.S.S.M. Hapuhinna, S.G.J. Senarathne, I.A.U.N. Gunathilake, Ruwan Punchi-Manage

341 PHENOTYPIC VARIABILITY OF SELECTED SRI LANKAN RICE (ORYZA SATIVA L.) VARIETIES
H.C.D. Wijayawardhana, H.M.V.G. Herath, P.A. Weerasinghe

383 EVALUATION OF MICROWAVE ASSISTED ALKALINE PRETREATMENT FOR EXTRACTION OF CELLULOSE FROM SELECTED PLANT BIOMASS
T.N. Fernando, C.K. Disanayaka, S. Kulathunge

384 ARBUSCULAR MYCORRHIZAL FUNGI IN MONTANE FORESTS AND GRASSLANDS OF DOTHALUGALA MAB RESERVE, SRI LANKA
R.M.V.N. Gunarathne, H.M.S.P. Madawala, G.A.D. Perera

388 OCCURRENCE OF PARASITIC PLANTS IN SPICE AND BEVERAGE CROPS OF SRI LANKA
S.S. Yapa, A.J. Mohotti, M.A.P.K. Seneviratne, B.L. Peiris, D.S.A. Wijesundara

389 PHYSIOLOGY OF CLUSTER ROOT DEVELOPMENT OF GREVILLEA ROBUSTA L. WITH DIFFERENTIALLY AVAILABLE PHOSPHORUS IN HYDROPONICS CULTURE
K.S.D.N. Senanayake, A.J. Mohotti, W.A.P. Weerakkody

390 LEVEL OF AWARENESS AND CONSTRAINTS TO ADOPT NEW TECHNOLOGIES DETERMINING THE RETENTION OF FARMERS IN SUGARCANE CULTIVATION
R.M.I. Kumara, W.G.C. Wekumbura, P. Sivashankar

Theme 10: Social Sciences and Humanities

10 THE VALUE OF FRIENDSHIP IN ARISTOTLE'S NICOMACHEAN ETHICS
Chandima S.M. Wickramasinghe

19 TEACHERS’ CODE-SWITCHING IN ESL (ENGLISH AS A SECOND LANGUAGE) CLASSROOM DISCOURSE
Dishani Senaratne
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>REPRESENTATION OF WOMEN IN THE LYRICS OF BHUPEN HAZARIKA</td>
<td>R. Hazarika, D. Swargiari</td>
<td>394</td>
</tr>
<tr>
<td>32</td>
<td>APPLICATION OF A GAME THEORY METHOD FOR LIBRARY COOPERATION</td>
<td>Suren Weerasinghe</td>
<td>395</td>
</tr>
<tr>
<td>37</td>
<td>A HISTORICAL STUDY OF SOCIAL INFORMATION REVEALED THROUGH HATAN KAVYA</td>
<td>K.A.I.A. De A. Gunasekara</td>
<td>396</td>
</tr>
<tr>
<td>39</td>
<td>A SOCIO LEGAL STUDY ON HARASSMENT FACED BY WOMEN IN PUBLIC BUSES</td>
<td>Udeni Herath, Nisanka Jayarathna</td>
<td>397</td>
</tr>
<tr>
<td>41</td>
<td>SPORTS JOURNALISM: SPORTS REPORTING OF WOMEN ATHLETES IN VIRAKESARI NEWS PAPER</td>
<td>Sivapriya Sriram</td>
<td>398</td>
</tr>
<tr>
<td>44</td>
<td>GOOD GOVERNANCE AND PUBLIC OPINION: A CASE STUDY IN SELECTED SUB URBAN AREAS IN WESTERN PROVINCE</td>
<td>M. Senanayake, N.C.R. Silva</td>
<td>399</td>
</tr>
<tr>
<td>59</td>
<td>A COMPARISON OF REFERENCING PATTERNS OF SOCIOLOGY AND ECONOMICS SCHOLARS IN UNIVERSITY OF PERADENIYA, SRI LANKA: A CITATION ANALYSIS OF POSTGRADUATE THESES</td>
<td>Chamani Gunasekera, Rita Liyanage</td>
<td>401</td>
</tr>
<tr>
<td>61</td>
<td>DECENT STATUS FOR LOCAL WOMEN DOMESTIC WORKERS BY EFFECTIVE APPLICATION OF LAW</td>
<td>K.G. Tharanga Dilrukshi</td>
<td>402</td>
</tr>
<tr>
<td>69</td>
<td>RATHUPASWALA TV NARRATIONS:AN ANALYSIS OF MEDIA CONTENT</td>
<td>Jayantha Amarasinghe, Saman M. Kariyakarawana</td>
<td>403</td>
</tr>
<tr>
<td>77</td>
<td>RELATIONSHIP BETWEEN CHILD’S BIRTH WEIGHT AND SOCIO ECONOMIC STATUS OF PARENTS: THE CASE OF USA</td>
<td>Susantha Dissanayake</td>
<td>404</td>
</tr>
</tbody>
</table>
POPULARITY AND COMPLEXITIES OF SINHALESE TEMPERANCE LITERATURE IN 1904
K.M.B.N. Konara

TEEN CULTURE: A PRODUCTION OF MODERN POPULAR TELEVISION AND NEW MEDIA TEXTS
Manoj Jinadasa

INSTITUTIONAL CHALLENGES FOR SUSTAINING MASS MEDIA AUTONOMY IN SRI LANKA
H.E.N. Priyadarshani

FORMULATING A NEW LEGAL MODEL TO ADDRESS THE DEFICIENCIES OF THE VEHICLE EMISSION TESTING PROCEDURE TO MAINTAIN A BETTER AIR QUALITY IN SRI LANKA
T.R.M.Y.S.B. Thalpathawadana, C.S. Hettiarachchi

COLOUR PERCEPTION AND INFLUENCE IN FASHION
G.M. Ranathunga

SOCIAL REALISM IN JAISHANKAR PRASAD’S ‘DHRUVASVAMINI’
P.V. Sashi Chandrasekara

GOVERNING URBAN POOR: A CRITIQUE ON THE DISCOURSE OF SLUM FREE CITY IN COLOMBO, SRI LANKA
Susantha Rasnayake, K.T. Silva, H.M.D.R. Herath

A STUDY OF THE REGRESSIVENESS OF DRUG PREVENTION IN SRI LANKA
R.N.H.M. Saman Jayarathna

NOTIONAL PRESUMPTION AND TRAVEL WRITING: AN ANALYSIS OF THE TRAVEL ACCOUNT OF JEAN – BAPTIST TAVERNIER
Monalisha Khakhlari

Not Presented

Not Presented

Not Presented
260 Not Presented

297 “ETHICAL RESPONSIBILITY” OF MEDIA IN PORTRAYING LARGE SCALE HEALTH HAZARDS: A STUDY OF THE PORTRAYAL OF CHRONIC KIDNEY DISEASE OF UNCERTAIN ETIOLOGY IN LOCAL NEWSPAPERS IN SRI LANKA
J.A.C.P. Gunaratne

314 A STUDY OF THE SOCIO-CULTURAL PARAMETERS ASSOCIATED WITH MEAT PURCHASING AND CONSUMPTION PATTERN: A CASE OF BANDARAWELA, SRI LANKA

329 SOCIO ECONOMIC DETERMINANTS OF FARMERS’ PREFERENCE TO ORGANIC AGRICULTURE

349 FACTORS AFFECTING FOR THE DIMINUTION OF SMALLHOLDERS PARTICIPATION IN RUBBER CULTIVATION

355 IDENTIFICATION OF THE IMPORTANCE OF SURFACE TREATMENTS FOR THE FUNCTIONAL VALUE: USE OF TEXTURAL SURFACE IN EARTHENWARE PRODUCTS
W.M.N.D. Ranasinghe

358 Not Presented

363 ZOO-ARCHAEOLOGICAL REMAINS FROM THE WELI-MALUWA EXCAVATION OF THE JETAVANA STUPA IN 2003
R.M.M. Chandraratne

367 PHILOSOPHICAL ASPECT OF SHORT POEM
Ven. A. Sirisudhamma, Ven. P. Wimalasara

368 VISION TO COGNITION: AN INVESTIGATIVE STUDY ON MOTTOS USED BY THE SINHALA PRIVATE CLASSES’ TEACHERS BASED ON GAMPOLA, NAVALAPITIYA AND KANDY AREAS
Ven. Pitathalawe Wimalasara, Ven. Aparekke Sirisudhamma

369 Not Presented
371 THE ETHICAL FOUNDATION OF THE CONDUCT OF ENLIGHTENED PERSONS (ARAHANTS)  
Ven. S. Anuruddha  

374 Not Presented  

392 SPATIO-TEMPORAL VARIABILITY OF FERTILITY AND MARRIAGE BEHAVIOR IN SRI LANKA: DEMOGRAPHIC EXPLANATION FOR FERTILITY TRANSITION  
P.P. Masakorala, N.K. Dangalle, R. Rathnayake  

396 SENSUAL PLEASURE: AN ELUCIDATION OF VARIOUS PERSPECTIVES IN BUDDHISM AND OTHER MAJOR RELIGIONS  
Ven. Yakkaduwe Sugunaseela, Ven. Niwandama Dhammissara  

409 Not Presented  

410 Not Presented  

416 Not Presented  

428 A STUDY OF RITUAL AND BELIEF IN RICE CULTIVATION IN A CONTEMPORARY KANDYAN VILLAGE  
Samuel King  

445 INFLUENCE OF BHATIYALI FOLK SONGS OF WEST BENGAL ON NORTH INDIAN CLASSICAL MUSIC (RAGA SYSTEM)  
J. Chandana Ruwan Kumara  

467 THE CHALLENGES OF THE MICRO-ENTERPRISES IN SRI LANKA: A CASE STUDY OF HAMBANTOTA  
Aruni Samarakoon, I. Renuka Priyantha  

473 ALTERNATIVE COMPENSATION MECHANISMS AND THE FUTURE OF AQUILIAN ACTION: SUGGESTIONS FOR A COMPATIBLE FUSION  
Upuli Karunawardhana  

475 EFFECTIVENESS OF INFORMATION LITERACY PROGRAM CONDUCTED BY THE MAIN LIBRARY OF THE UNIVERSITY OF PERADENIYA FOR POSTGRADUATE STUDENTS IN EDUCATION  
Pradeepa Wijetunge, P.C.D.S. Gunasekara, Champa N.K. Alahakoon
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHANGING ETHNIC MOSAIC OF COLONIAL PORT CITIES IN ASIA: THE CASE OF COLOMBO</td>
<td>441</td>
</tr>
<tr>
<td>M. Sriyani Gunarathne</td>
<td></td>
</tr>
<tr>
<td>SELF-RELIANCE STRATEGY IN SRI LANKAN RURAL DEVELOPMENT: A STUDY WITH SPECIAL REFERENCE TO SEEDS (GUARANTEE) LTD OF THE SARVODAYA SHRAMADANA MOVEMENT</td>
<td>442</td>
</tr>
<tr>
<td>Kowsalya Duraisamy</td>
<td></td>
</tr>
<tr>
<td>THE CONCEPT OF SELF IN BUDDHISM AND JACKQUES LACAN’S PSYCHO ANALYTICAL PHILOSOPHY: A PHILOSOPHICAL ANALYSIS</td>
<td>443</td>
</tr>
<tr>
<td>R. Premkumar</td>
<td></td>
</tr>
<tr>
<td>USAGE OF ELECTRONIC INFORMATION RESOURCES DURING PREPARATION OF FINAL YEAR DISSERTATIONS BY UNDERGRADUATES OF THE FACULTY OF ARTS, UNIVERSITY OF PERADENIYA: A CASE STUDY</td>
<td>444</td>
</tr>
<tr>
<td>B.N.G.S. Premarathne, B.E.S. Bandara</td>
<td></td>
</tr>
<tr>
<td>PLANTATION TO URBAN: PHENOMENON AND CAUSES OF YOUTH MIGRATION IN THE PITAKANDA ESTATE, MATALE</td>
<td>445</td>
</tr>
<tr>
<td>B. Arularasi, M.M. Alikhan</td>
<td></td>
</tr>
<tr>
<td>THE FORGOTTEN ONES: AN ASSESSMENT OF THE NEED FOR A COHESIVE LEGISLATIVE AND POLICY FRAMEWORK TO ADDRESS ALL STAGES OF CONFLICT INDUCED INTERNAL DISPLACEMENT IN SRI LANKA</td>
<td>446</td>
</tr>
<tr>
<td>Menaka I. Lecamwasam</td>
<td></td>
</tr>
<tr>
<td>MURAL TRADITIONS IN TEMPLE ON PILLARS (TÄMPTA VIHĀRAS) OF SRI LANKA</td>
<td>447</td>
</tr>
<tr>
<td>Ganga Rājinee Dissanayaka</td>
<td></td>
</tr>
<tr>
<td>REJECTING THE “KANDYAN TRADITION” IN THE SOUTH</td>
<td>448</td>
</tr>
<tr>
<td>Asoka de Zoysa</td>
<td></td>
</tr>
<tr>
<td>JINGLES OF AFRO-SRI LANKANS: AN ANALYSIS OF ‘MĀNJA’ AND THE KAFFIRS’ SOCIAL IDENTITY (Based on Kaffirs settled in Sirambiadiya, Puttlam District)</td>
<td>449</td>
</tr>
<tr>
<td>H.M.U.T.K. Herath</td>
<td></td>
</tr>
<tr>
<td>IMPACT OF INTRINSIC AND EXTRINSIC MOTIVATION ON DIGITAL REPOSITORY USAGE BY UNDERGRADUATES</td>
<td>451</td>
</tr>
<tr>
<td>B.M.M.C.B. Hindagolla, T. Nakamura</td>
<td></td>
</tr>
<tr>
<td>THE COLLABORATIVE PROCESS OF TRANSCREATING SUBHA</td>
<td>452</td>
</tr>
<tr>
<td>Manoj Alawathukotuwa, Kanchuka Dharmasiri</td>
<td></td>
</tr>
</tbody>
</table>
PROFILE PICTURE AND SEXUAL STIMULATION ON FACEBOOK AMONG UNIVERSITY STUDENTS
I.M.M.K. Ihalagedara

A COMPARATIVE STUDY OF DHAMMA AND LUCRETIUS’ NATURA
Varunadatta Edirisinghe

STREAM CORRIDORS ENCROACHMENTS AND ITS CONSEQUENCES: CASE OF PINGA OYA TRIBUTARY IN UPPER MAHAWELI RIVER SRI LANKA
D.M.L. Dissanayake

GENDER BASED DISCRIMINATIONS IN HIGHER EDUCATIONAL INSTITUTIONS: A STUDY BASED ON SOUTH EASTERN UNIVERSITY OF SRI LANKA
A.W.N. Naleefa

ISSUES IN RESTORING NORMALCY IN THE POST-WAR CONTEXT: A SOCIOLOGICAL STUDY BASED IN THE BORDER VILLAGES IN THE VAVUNIYA DIVISIONAL SECRETARIAT DIVISION IN THE VAVUNIYA DISTRICT
K. Gowthaman, K. Sajanthan, S. Sivakanthan

AN EXPOSITION OF ETHICAL PREREQUISITES FOR MIND DEVELOPMENT
R.M. Rathnasiri

LEGAL FRAMEWORK FOR THE PROTECTION OF GEOGRAPHICAL INDICATIONS IN SRI LANKA
Thushani Shayanthan