

Contents

	Page
Aye Aye Than, Myo Min , Extraction and Identification of Essential Oil by GCMS Analysis and Antioxidant Properties of Ginger	1
Ei Ei Sann, Myint Myint Soe, Myint Myint Khine , Comparative Study on Acute Toxicity, Antioxidant and Cholesterol Lowering Activities of Po-Sa (Leaves And Stem)	11
Hnin Kay Thwe, Cho Cho Oo, Thin Thin Khaing , Effect of Different Processing Methods on Cyanogenic Glycoside from Harvested Bamboo Shoot (Wa-bo)	17
Htun Htun Naing, Htay Htay Win, Ni Ni Aung, Aung Lwin Soe , Investigation of Some Physicochemical Properties, Antimicrobial Activities and Antioxidant Activity of the <i>Citrus paradisi</i> Macfad (Grapefruit)	25
Khin Htay Win, San San Win, Htay Htay Shwe, Thidar Khaing, Yin Kay Khaing, Tin Tin Moe, Thae Oo Khin , Determination Of Antimicrobial Activities, Antioxidant Activities And Isolation Of Pure Organic Compounds From <i>Curcuma caesia</i> Roxb. (Sa-Nwin-Tain-Pyar)	34
Khin Khin Shwe, Cho Cho Win , Investigation on Phytochemical Constituents and Antimicrobial Activity of Leaves of <i>Cayratia trifolia</i> (Linn.)Domin	43
Khin Myo Myint, Toe Toe Khaing, Moe Myat Myat, Win Win Khaing, Thida Tin, Han Ni Htun , Antimicrobial and Antioxidant Properties of Crude Extract, and Functional Groups Determination in an Unknown Compound Isolated from Seeds of <i>Brucea javanica</i> (L.) Merr.	50
Khin Nann Nyunt Swe, Soe Wai Mar Lwin Soe , Screening of Phytochemical Constituents and Some Pharmacological Activities of <i>Eclipta alba</i> Hassk. Plant (Trailing eclipta)	57
Kyaw Sein Win, Aung Chan Thar , Comparative Studies on Phytochemical Screening and Blood Glucose Lowering Activity of Leaves of <i>Gynura procumbens</i> (Lour.) Merr and <i>Ocimum americanum</i> L.	64
Kyi Kyi Khine , Phytochemical Screening and Some Bioactivities of <i>Byttneria pilosa</i> Roxb. (Sat-le-pyat) Leaves and Stems	69
Lei Lei Win, Khin Myo Myint, Ei Ei Htway, Tin Seinn Mar and Khaing Khaing Kyu , Phytochemical Screening, Antimicrobial Activities and Isolation of Bioactive Constituents from the Stem of <i>Schisandra sphenanthera</i> Rehd.E.H.Wils (Sayni-myt)	79
Moe Moe Aye, Nwe Nwe Aung, Khin Thet Ni , Preparation and Characterization of Poonyigy from Red Kidney Beans	89
Moe Myat Myat, Kyaw Ye Htet, Toe Toe Khaing, Thida Tin, Win Win Khaing, Khin Myo Myint , Nutritional Compositions, Antibacterial Activities, Antioxidant Activity And Acute Toxicity of Roots of Cassava	99

Moe Tin Khaing, Khin Mar Thein , Isolation and Structural Identification of Quercetin from the Seed of <i>Aesculus assamica</i> Giff. (Ye-myaw)	105
Moh Moh Myint, Myint Myint Khine , Structural Elucidation of Two Flavonoid Compounds and Screening on Antipyretic Activity from the Rhizome of <i>Zingiber zerumbet</i> (L.) Roscoe ex Sm.	114
Myint Myint Khine, Kyaw Thu, Khaing Phoo Wai , Screening the Antioxidant and Antimicrobial activities from Bark Extracts of <i>Bauhinia malabarica</i> Roxb. (Chin-Byit)	122
Nant Si Si Htay, Moe Moe Cho , Evaluation of Antimicrobial and Antioxidant Activities of <i>Avicennia officinalis</i> L.	132
Nyein Nyein Htwe , Study On Antihyperglycemic Activities of Bark of <i>Mimusops elengi</i> Roxb.	142
Ohnmar Aung, Ohn Ohn Soe, Ni Ni Sein, Kyaw Nyaing, and Aung Myint , Degradation of Dimethoate and Diazinon Pesticide Residues in <i>Amaranthus tricolor</i> L. (Spinach) and Soil under Pesticide-treated Plants	150
San San Aye, Tin Sein Mar, Zarni Myint , Acute Toxicity, Antibacterial Activity and Chemical Investigation of <i>Quisqualis indica</i> Linn. Leaves (Dawei-Hmaing)	157
San San Aye , A Study on Phytochemical Investigation, Nutritional Values and Elemental Analysis of <i>Moringa oleifera</i> Lam. (Dant-dalun) Seed	164
San San Win, Khin Htay Win, Thidar Khaing, Yin Kay Khaing, Htay Htay Shwe, Kyi Kyi Thet, Win Win Khaing , Study on the Antimicrobial Activity, Nutritional Compositions and Extracted Essential Oil from the Fruits and Seeds of <i>Illicium verum</i> Hook. f.	172
Sandar Aye, Thwe Linn Ko, Cho Cho Oo , Processing and Characterization of Wine by Using an Underutilized Fruit <i>Averrhoa carambola</i> L. (Star Fruit)	179
Saw Win, Yee Yee Thant, Thet Thet Hla Aung , Study On Preparation, Performance And Application Of Particleboard Derived From Betel Nut Fiber (<i>Areca Catechu</i>) And Modified Cashew Nut Shell Liquid (<i>Anacardium occidentale</i>)	186
Suu Suu Win, Moe Tin Khaing, Nyo Nyo Win, Thidar Khaing , Evaluation of Total Phenol Content, Antimicrobial and Antioxidant Activities of Flower of <i>Plumeria alba</i> L. (Tayoksaga-hpyu)	196
Than Than Nu, Yin Yin Htwe, Daw Hla Ngwe , Investigation of Some Biological Activities and Isolation of Organic Constituents from Aerial Parts of <i>Centella asiatica</i> (L.) Urban (Myin-khwa)	206

Thandar Aung, Ye Myint Aung, Myint Thu, Wint War Htet Naing, Investigation of Some Bioactivities' Screening on Fruit of <i>Haplophragma adenophyllum</i> (Wall.) P. Dop. (Phet-tham)	215
Thidar Khaing, Khin Htay Win, Yin Kay Khaing, San San Win, Htay Htay Shwe, Suu Suu Win, Extraction of Essential Oil from the Bark of <i>Cinnamomum zeylanicum</i> Blume. (Thit-kya-bo)	224
Thida Tin, Toe Toe Khaing, Moe Myat Myat, Win Win Khaing, Khin Myo Myint, Htay Htay Shwe, May Phyu Hnin, Preparation and Characterization of Cellulose Film from The Stem Wood of Tamalan	233
Tin Tin Moe, Khin Htay Win, Thidar Khaing, Than Zaw Nyunt, Khin Mg Chin, Investigation On Antioxidant, Glucose Lowering Activities And Functional Group Determination Of Organic Compounds Isolated From The Plant Of <i>Phyllanthus virgatus</i> G. Forster	241
Thin Thin Win, Myint Myint Khine, Saw Hla Myint, <i>In vitro</i> and <i>in vivo</i> Screening of Antibacterial Activities of Different Crude Extracts and Isolated Compound Lupeol from <i>Tamarindus indica</i> L. (Ma-gyi) Stem Bark	249
Thiri San, Khin Cho Thant, Hnin Hnin Than, Impact of Gamma Radiation on the Productivity and Quality of First Generation Mutant Oyster Mushroom <i>Pleurotus osteratus</i> (Jacq. ex. Fr.) P. K. umm	259
Toe Toe Khaing, Zaw Mee, Htwe Htwe Nwe, Khin Myo Myint, Thida Tin, Win Win Khaing, Moe Myat Myat, Determination of Nutritional Values And Antioxidant Activity of Seed of <i>Terminalia catappa</i> L.	267
Win Win Khaing, Moe Myat Myat, Thida Tin, Toe Toe Khaing, Khin Myo Myint, San San Win, Ni Ni Pe, Antioxidant Activity, Antimicrobial Activity and Functional Group Identification of Isolated Compound from the Stem Bark of <i>Millingtonia hortensis</i> L.f.	276
Yinn Kay Khaing, Su Hlaing Hnin, Khin Htay Win, Thidar Khaing, San San Win, Htay Htay Shwe, Tin Tin Moe, Investigation of Antimicrobial Activities, Antioxidant Activities And Isolation Of Pure Organic Compounds From <i>Euphorbia hirta</i> L.	286
Myo Min, Antimicrobial Activity, Antioxidant Activity and GCMS Analysis of Essential Oil from Lemon (Than-Ba-Yo) Peel	295
Pa Pa Aung, Hnin Yu Win, Myint Myint Sein, Icetexane Diterpenoids Isolated From the Roots of <i>Premna odorata</i> Blanco	304