



University of Moratuwa
Faculty of Engineering

#	Student Name	Research Topic	Date of Awarded
1.	Mr. K.G.V.K. De Silva	Development of National Risk Acceptance Criteria for Managing Major Industrial Hazards.	01-Sep-2018
2.	Mr. K. Raveendran	The Importance of Fluidization Parameters for the Production of Quality Black Tea at Higher Efficiencies.	1-Jul-2018
3.	Mr. A.R.L. Mendis	Evaluation of Moisture Diffusivity in Copra Different Drying Conditions.	1-Jan-2018
4.	Mr. L.G. Hettiarachchi	Study of the Effects of Binding Agents on the Properties of Compost Pellets.	1-Dec-2017
5.	Ms. J.A.K.M. Fernando	Drying Kinetics of Coir Pith and the Performance in Flash Drying.	1-Jul-2016
6.	Mr. C.I.F. Attanayake	Performance of Natural Dye Sensitized Solar Cells for Low Power Applications.	1-Jun-2016
7.	Ms. K.K.C.W. Kandanapitiya	Modeling of Reactive Distillation for Acetic Acid Esterification.	1-Mar-2016
8.	Mr. K.C.N. Fernando	Computational Fluid Dynamics Modeling of Thermo - Chemical Processes in an Updraft Biomass Gasifier.	1-Dec-2015
9.	Ms. E. Nadeeshani	Environmental Assessment of Parboiled Paddy Production by Life Cycle Assessment.	1-Oct-2015
10.	Ms. J.K.A.T. Rajika	Analysis of Wood Chip Combustion System for Hot Air Generation in the Industrial Drying Process.	1-Aug-2015
11.	Ms. E.R.J.C. Bandara	Energy Potential of Invasive Plants in Sri Lanka.	1-Feb-2015
12.	Mr. M.D.S.A. Amarasiri	Natural Rubber Latex Nanocomposites; Effect of Montmorillonite Clay Structure on Reinforcement and Extractable proteins.	1-Nov-2014
13.	Mr. U.A. Rathnayaka	Rice Bran Based Nanofibers for Stabilization of Phytase Enzyme.	1-Aug-2014

14.	Ms. M.C.W. Somaratne	Reinforcement of Natural Rubber Latex Films with Fine Particle Fillers.	1-Nov-2013
15.	Ms. D.S. Kodituwakku	Rice Bran Oil Extraction - Effect of Bran type on Oil Yield and Properties.	1-Oct-2013
16.	Ms. N.D. Wanniarachchi	A Study on the Extraction and Applications of Chitosan in the Food Industry.	1-Jul-2013
17.	Mr. K.R.C.S. Wickramasinghe	A Study of the Low Cost Filter media to be used in the modification of an Ancient Urine Filtration System in Sri Lanka.	1-May-2013
18.	Ms. G.D.P.N. Chathurika	A Critical Analysis of Environmental Taxation for Sri Lanka in a Sustainable Framework.	1-Mar-2013
19.	Ms. D.G. Edirisinghe	Chemical Modification of Rubber-Waste and Characterization of their Blends with natural Rubber	1-Jul-2012
20.	Mr. K.A. Chandra	Study the Effectiveness in Preprocessing of Cinnamon Chips.	1-Jun-2012
21.	Mr. D.R.S. Hewa Walpita	Design of a Pilot plant for Biodiesel Production from High Free Fatty Acid oils.	1-Feb-2012
22.	Ms. M.A.D.I.C. Kularatna	Development of a Pilot Scale Biogas Plant to Utilize Biomethane as a Transport Fuel.	1-Jan-2012
23.	Mr. K.C.A. Fernando	Life Cycle Assessment (LCA) Analysis Towards a Sustainable Cement Industry for Sri Lanka : An Analysis of Three Process Pathways.	1-Oct-2011
24.	Ms. M.P. Gunathilaka	Waste Biomass Substrates as Feedstock Option for Microbial Fuel Cell (MFC) & Scaling up Factors.	1-Sep-2011
25.	Ms. J.D. Wagaarachchige	Development of a PFD for a Nanolubricant Based on Ceylon Vein Graphite.	1-Sep-2011
26.	Ms. M.T.I.S. Munaweera	Preparation and Characterization of Nutrient Rich Nanoparticles/Composites for Agricultural Applications.	1-Aug-2011
27.	Ms. S.G. Walliwala	Investigating Production, Properties, and applications of Bacterial cellulose Generated using Coconut water as a Substrate Medium.	1-May-2011
28.	Ms. W.A.J. Anurangi	Natural and Waste Materials as adsorbents in Oil Pollution Management.	1-Apr-2011
29.	Ms. M.A.M. Jinasena	The Optimum Operating Conditions for Extraction of Chlorophyll from <i>Alternanthera Sessilis</i> (Linn.), Cultivated in Sri Lanka.	1-Mar-2011

30.	Ms. H.W.G.I. Karunaratne	Removal of Pollutants in Parboiled Paddy Wastewater.	1-Aug-2010
31.	Ms. G.K. Jayatunga	Rice Husk based Adsorbents for Dye Removal from Wastewater.	1-Sep-2009
32.	Ms. K. Raamshangar	Enhancing Anaerobic Digestion Rate by peroxone pre-treatment of High organic Strength Wastewaters.	1-Aug-2009
33.	Ms. D.H.N. Perera	Food Nano-Biotechnology Roadmap for Sri Lanka.	1-Aug-2009
34.	Ms. P.T.N. Pathiraja	Study of Process Conditions for Starch Production from Local Rice Varieties.	1-Jun-2009
35.	Ms. D.W. Dhanusekera	Coir Pith Activated Carbon for the Removal of Dyes, Organics and Heavy Metals from Aqueous Solutions.	1-Oct-2008
36.	Mr. A.J. Wijayawardhana	Abatement of Odour from Tobacco Process Emissions by Condensation, Scrubbing and Biofiltration.	1-Sep-2008
37.	Ms. W.K.H. Ariyaratne	Bio Methanation and Composting for Managing Sugar Processing Waste.	1-Aug-2008
38.	Mr. M.A.B. Prashantha	Synthesis and Characterization of Novel Alkyd Resins Based on a Karawila Seed Oil.	1-Jan-2008
39.	Mr. W.A.R. Manamperi	Development of a Decision Support System for Landfilling Application in Sri Lanka.	1-Apr-2007
40.	Ms. P.A. Jayasinghe	Colour Removal from Textile Effluent Using Agricultural Waste as Adsorbents.	1-May-2006
41.	Ms. N.S. Gamage	Developing Wound Dressing from Bacterial Cellulose.	1-May-2013
42.	Mr. J.R.U.C. Jayakody	Study the Factors Influencing the Production of Ethanol from Waste Coconut Water.	1-Jun-2012
43.	Mr. K.W.N. Dilnayana	Optimization of the Anaerobic Co-digestion Process.	1-Jul-2011
44.	Ms. L.G.L.M. Edirisinghe	Chemical Leasing and Nanotechnology for Agriculture Sector.	1-Feb-2012
45.	Ms. B.A.N.N. Bamunusingha	Production of Ethyl Acetate using Catalytic Reaction Method.	1-Oct-2012
46.	Mr. A.N. Madusanka	Encapsulation of Nanoparticles in Layered Materials to be used in Agricultural Applications.	1-Aug-2011

47.	Mr. W.M.G.I. Priyadarshana	Synthesis of Nano-Silica from Natural Resources and Applications.	1-Aug-2013
48.	Ms. L.S. Premalal	Investigation of Properties of Bacterial Cellulose for Wound Dressing Applications.	1-Oct-2013
49.	Ms. S. Warnasooriya	Chemical Process Route Selection Based on Assessment of Inherent Environmental Hazard Occupational Health and Safety (IEHS).	1-Oct-2013
50.	Mr. V.I.S.C.K. Fernando	In Vessel Composting of Urban Solid Waste.	1-Apr-2005
51.	Ms. S.S. Dodampegamage	Preparation & Characterization of Low-Density Polyethylene Based Composite Materials Containing Rice-Straw as a Filler.	1-Feb-2005
52.	Ms. I.S. Thambawita	Modification of Mineral Fillers with Aminofunctional Derivatives.	1-Mar-2004
53.	Ms. G.M.G.D. Dias	Preparation and characterization of Environmentally Friendly polymeric blends using synthetic and Natural Polymers.	1-Mar-2004
54.	Ms. G..P.S. Premarathne	Prevention of microbial growth in paints using herbal biocides Available in Sri Lanka.	1-Feb-2004
55.	Mr. I.M.B.M. De Silva	Reverse Flow Cyclone for the collection of Tea dust.	1-Oct-2003
56.	Ms. J.W.N. De Silva	A study of Allergic Reactions to Natural Rubber Latex Gloves Among Sri Lankan Healthcare workers.	1-Feb-2003
57.	Mr. N.C. Gangodavilage	Optimal Operating Conditions and Equilibrium Characteristics of Rice Bran Oil Extraction.	1-Apr-2002
58.	Ms. A.R.M.W.W.K. Ranasinghe	Physico-Mechanical Properties of Modified Kaolin Clay Filled Rubber Compounds.	1-Feb-2002