

Undergraduate Research Presentations 2016

5th August 2016

Venue: PPGL Siriwardene Auditorium

9.30 am	Welcome address by the Dean, Prof. P. A. Paranagama
9.35 am	Address by the Chief Guest Prof. K. M. Nalin de Silva Science Team Leader, Sri Lanka Institute of Nanotechnology (SLINTEC), Sri Lanka
10.05 am	Announcement of rules and guidelines to the presenters and audience Dr C. N. Ratnaweera
10.10 am	TEA BREAK

Session 1

Moderator - Ms Pabasara Gamage

Panel: Prof P A Paranagama, Prof Sukumal Wimalasena, Dr Dinara Gunesekara, Dr Dinusha Udukala, Dr Ranmal Gunathilake,
Dr Udaya Jayasundara

	Time	Student Name	Index Number	Supervisor	Title	Examiners
1	10.30 am	S. Perera	3901	Dr. D. Gunasekara	Development of pullulan based nano particle in gene delivery	Prof.P.A.Paranagama Dr.Dinusha Udukala
2	10.50 am	D. V. C. Dilanka	3881	Mr. E. G. Somapala	Analysis of heavy metal content of lotus and kohila and their effect in cooking	Prof. P. A. Paranagama Prof. K.A.S Pathiratna
3	11.10 am	M. P. M. Cooray	3823	Prof. Paranagama Dr.Gobika	Insecticidal properties of secondary metabolites produced by an endolichenic Fungus, <i>Penicillium phinophilum</i> against stored grain insect pests, <i>Callosobruchus maculatus</i> .	Dr. Dinara Gunesekara Dr. Dinusha Udukala
4	11.30 am	A. Karannagoda	3868	Dr. R. Kandiah	Determination of Variation of Properties of <i>Micromelum minutum</i> Fruit after it has been plucked	Dr. Dinusha Udukala Prof. Sukumal Wimalasena

5	11.50 am	Y. Wickramasinghe	3962	Dr. L. Arambewela	Comparison of the volatile constituents of the essential oils & absolutes of two <i>Nymphaea</i> Species found in Sri Lanka	Prof. Sukumal Wimalasena Dr. Ranmal Gunathilaka
6	12.10 am	P. D. T. Peramuna	3992	Prof. Paranagama Dr. Gobika	Determination of bioactive compounds from <i>Piper langum</i>	Dr. Dinara Gunesakara Dr. C. Udawatta
	12.30 am	LUNCH BREAK				
Session 2						
Moderator: Ms. Anoosheya Kuganesan						
Panel: Dr Chandani Udawatta, Prof S. A. Deraniyagala, Prof .H.D. G. Gunawardhana, Dr. M. Infas, Prof Pathirathne, Dr Dinusha Udakala						
7	1.30 pm	A. M. R. Chamara	3196	Prof. Paranagama Dr. T. Gobika	Antibacterial properties of endolichenic fungus <i>Daldinia eschscholzii</i> isolated from <i>parmotrema</i> sp. from Hakgala forest	Prof. S. A. Deraniyagala Dr. C. Udawatta
8	1.40 pm	H. M. H. Bandusena	3816	Dr. C. Udawatte Dr. K. Pathirage Mr. D. Fernando	Analysis of metal ion levels in Ashwagandha and Thripala Ayurveda powdered drugs in Sri Lankan herbal market	Prof.H.D.G.Gunawardhana Dr.Udaya Jayasundara
9	2.00 pm	M. Thanaventhana	3945	Prof. Paranagama Dr. R. Kandiah	Determination of antioxidant activities in stem & leaf of Indian borage (<i>Plectranthus amboinicus</i>)	Dr. C. Udawatta Prof S. A. Deraniyagala
10	2.20 pm	A. A. T. L. Amarasinghe	3997	Dr. R. Kandiah Mr C Navarathne	Status of toxic elements (Cadmium, Chromium & Lead) in commercially available energy drinks; a preliminary study	Prof.H.D.G.Gunawardhana Dr. M. Infas
11	2.40 pm	C. Weththasinghe	3956	Prof. Paranagama Dr. T. Gobika	Determination of semiochemicals in <i>Grilicida sepium</i> on the behavior of low country wood termite <i>Glyptotermes dialatatus</i>	Prof. Sriyanthi Daraniyagala Dr.Dinusha Udakala
	3.10 pm	BREAK				
12	3.20 pm	H. Atapattu	3974	Prof. M. D. P. Costa	Analysis of Lead and Cadmium and some quality parameters in soap available in the Sri Lankan market	Prof. H.D.G.Gunawardhana Dr. M. Infas
13	3.40 pm	G. M. G. S. Chathurangani	3821	Prof. K A S Pathirathne	Contents of several selected heavy metals in randomly selected rice varieties from Anuradhapura district	Prof.H.D.G.Gunawardhana Dr.M. Infas

14	4.00 pm	A. Balachandran	3813	Dr. C. Udawatte	Comparative studies of untreated saw dust as low cost natural adsorbent for removal of Cd(II) from aqueous solutions	Prof. K. A. S. Pathiratna Dr. Ranmal Gunathilake
15	4.20 pm	W. W. Vidura	3995	Dr. U. S. Weliwegamage	Adsorption of heavy metals (Cu ²⁺ & Pb ²⁺) by clay	Prof. K.A.S Pathiratna Dr.Ranmal Gunathilaka

6th August 2016

Session 3

Moderator: Mr. Chanaka Navarathna

Panel: Dr C. N. Ratnaweera, Prof O. A. Illeperuma, Dr L. Weerasinghe, Prof M. P. de Costa, Dr S. Weliwegama

	Time	Name	Index no	Supervisors	Title	Examiners
16	9.10 am	C. Perera	3984	Prof. M. D. P. De. Costa	Analysis of fluoride in toothpaste and the factors affecting the loss of bio available fluorides in toothpaste	Dr.C. N. Ratnaweera Dr. C.U. Udawatta
17	9.30 am	M. Goonathilake	3987	Dr. M. Infas	Structural rearrangement of a Zeolite like Metal Organic Framework to a Metal Organic Cube	Prof O. A. Illeperuma Prof M.P.de.Costa
18	9.50 am	A. Sourjah	3941	Dr. L. Arambewela	Phytochemical screening and investigation of fermentation process in herbal wine using <i>W. fruticosa</i> grown in Sri Lanka	Dr.C. N. Ratnaweera Dr. L.Weerasinghe
19	10.10 am	R. Silva	3938	Dr. Infas	Synthesis and characterization of RHO-ZMOF and its viability towards an efficient drug delivery	Prof O A Illeperuma Prof. M.P. de. Costa
	10.30 am	BREAK				
20	10.40 am	S. D. C. Rathnayake	4001	Prof. Paranagama Dr. T. Gobika	Determination of physiochemical properties of hybrid mango variety in Sri Lanka	Dr. L. Weerasinghe Mr. E. G. Somapala
21	11.00 am	Y. M. P. K. Madushani	3882	Prof. K A S Pathirathne	A study on dissolution of Aluminium in cooking utensils under selected control conditions	Prof.M.D.P. de Costa Dr. Welliwegama
22	11.20 am	J. Gopalpillai	4004	Dr. R. Parthipan Dr. R. Kandiah	Analysis of chemical composition of renal stones	Dr. Udaya Jayasundara Dr. C. N. Ratnaweera

23	11.40 am	K. R. K. Purasinhala	3909	Prof. K A S Pathirathne	Use of plant extracts for controlling of corrosion of copper in 1M HCl solution	Prof. M. P. de. Costa Dr. Welliwegama
24	12.00 am	S. Ariyaratna	3807	Prof. K A S Pathirathne	Development of an anodic stripping voltammetry methodology for determination of lead and cadmium in rice	Dr. Udaya Jayasundara Dr. S. Welliwegama
	12.20 pm	Lunch Break				
Session 4 Moderator: Ms Thathsarani Piumika Panel : Prof O. A. Illeperuma, Dr Udaya Jayasundara, Mr E.G. Somapala, Dr M. Infas, Dr C. N. Ratnaweera						
25	1.10 pm	A. A. S. V. Fernando	3843	Prof. M. D. P. De. Costa	Finding out a substitute for <i>Gyrinops walla</i> and production of a cologne	Dr. M. Infas Dr. C. N. Ratnaweera
26	1.30 pm	U. Bopitiya	3818	Dr. Infas Dr. Parthipan	Synthesis and characterization of zeolite	Prof O. A. Illeperuma Dr. S. Welliwegama
27	2.10 pm	T.A. Gamagedara	3849	Dr. R. Kandiah	Comparison and analysis of electrolyte content in sports drinks vs fruit juice	Prof. K.A.S Pathirathna Dr. Udaya Jayasundara
28	2.50 pm	F. S. Nazim	3893	Dr. C. Udawatte	Examination of fluorescent metallochromic and pH indicator properties of <i>Sarcinia gummi-gutta</i> (goraka) leaf extract	Prof O. A. Illeperuma Mr. E. G. Somapala
29	3.10 pm	D. R. H.Saparamadu	3986	Dr. U. S.Weliwegamage	Kitchen waste water purification using natural adsorption materials	Dr. Ranmal Gunathilaka Mr.E. G. Somapala