

College of Chemical Sciences NEWS LETTER



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13th Convocation

The 13th convocation of the 34th batch of graduate chemists and 42nd batch of DLTC diplomates was held on the 16th of February 2017, at the Eagle's Lakeside Banquet and Convention Hall, Attidiya. The chief guest of the occasion was **Professor Narada Warnasooriya**, Senior Professor of Paediatrics, Kothalawela Defense University. The guest of honour was **Mr. Samantha Kumarasinghe**, Chairman/ Managing Director, Nature's Beauty Creations limited. At the occasion, a total of 102 graduate chemists and 95 DLTC diplomates were conferred.



Professor Narada Warnasooriya,
Chief Guest

Ms. U K M Bopitva,
Shireen Jayasuriya
Gold Medallist

Inauguration of the New GIC undergraduates

The inauguration of the 38th batch of GIC undergraduates was held on the 7th of January 2017 at the P P G L Siriwardene auditorium. **Professor S P Deraniyagala** (Senior visiting Professor in chemistry at the College of Chemical Sciences and Senior Professor in Chemistry at the University of Sri Jayewardenepura) graced the occasion as the chief guest. The CCS family warmly welcomes the new batch of undergraduates.

Inauguration of the New DLTC batch

The inauguration of the 44th batch of DLTC students was held on the 13th of January 2017, at the Adamantane House. **Mr. D M R D Dhanapala**, principal of School of Medical Laboratory Technologists, National Institute of Health Sciences, Kalutara was the chief guest of the occasion.



Ms. H G J Chandima,
DLTC batch top



Mr. S Kumarasinghe,
Guest of Honour



Graduate Procession



Diplomate Procession



Academic Procession



CHEMEX 4: Mega Exhibition and Trade Fair

CHEMEX 4 mega exhibition and trade fair, organized by the Institute of Chemistry Ceylon, to celebrate its 75th anniversary was held successfully from the 26th to 28th of January 2017, at the Sri Lanka Exhibition and Convention Center Colombo. The event was witnessed by a large number of A/L students, undergraduates and industrialists. The exhibition comprised of stalls from the College of Chemical Sciences, industries, universities and research institutes. In addition to stalls, a two day seminar for advanced level students and a series of chemistry magic shows were held. The chief guest of the event was **Hon. Minister Susil Premajayantha**. In parallel to the exhibition, the prize distribution ceremony of the Australian National Chemistry Quiz and All Island Interschool Titration Competition were held at the venue. The inter school debate competition was also held on the same day. The Jaffna University became the champions, whereas the Colombo university was placed second. The third place was shared by The College of Chemical Sciences, University of Sri Jayewardenepura and University of Ruhuna.



Those who lack the courage will always find a philosophy to justify it.

Naming of a laboratory at CCS

A laboratory at the College of Chemicals Sciences was named after **Emeritus Professor E R Jansz** on the 10th of January 2017. A portrait of Professor Jansz was unveiled on the day of the event, in order to felicitate his long and dedicated service to the Institute of Chemistry Ceylon, particularly towards DLTC and GIC programs. An oration was delivered by **Professor Ajith Abeysekera** (Emeritus Professor, University of Sri Jayewardenepura). The portrait which was painted by **Mr. Mevan Pieris** was unveiled by **Professor Vijaya Kumar**, Emeritus Professor, University of Peradeniya.



Professor Ajith Abeysekera
delivering the oration



Masquerade Ball

The graduation party of the 34th batch of graduate chemists, titled, “Masquerade Ball”, together with the annual general meeting of the Alumni Association of the College of Chemical Sciences was held at the Golden Rose reception hall, Boralesgamuwa on the 25th of February 2017.



Christian Thanksgiving

The Christian Thanks giving mass was held at the Adamantane house, on the 9th of January 2017.



Seminar on Coconut products

A seminar on “**Coconut products: Quality and impact on health and economy**” was held on the 20th of February 2017, at the Adamantane house, with about 120 participants from both the industry and universities. The resource persons focused on quality control and assurance of coconut oil, the use of coconut oil in cosmetics, policy regulation in developing coconut products, extraction of coconut oil and chemistry of coconut oil. The event was coordinated by **Dr. L S R Arambewela** and **Mr. J M Ranasinghe Banda**.

Chemistry and Chemical Education; A Seminar for advanced level teachers

A seminar on chemistry and chemical education for advanced level teachers was organized by the College of Chemical Sciences. The seminar focused on the existing syllabus and upcoming improvements in the syllabus. Presentations on areas of organic, inorganic, physical, environmental and industrial chemistry were delivered by experts in the relevant areas. The keynote address was presented by **Prof. S.P Deraniyagala**. The event was held on the 19th of January 2017, with the participation of 120 teachers from schools Island wide. The seminar was coordinated by **Professor P A Paranagama** and **Dr. T Gobika**.

Medical Camp

A blood and eye donation camp was held on the 5th January at the Adamantane house. The event was organized by the Student Council of CCS in collaboration with the Rotract club of CCS and the Saukyadana Unit of CCS.



Blood Donation & Eye Camp



Blood Donation & Eye Camp

Second Death Anniversary of Professor J N Oleap Fernando

The second death anniversary commemoration of Emeritus Professor J. N. Oleap Fernando was held on the 2nd of March 2017. The memorial oration was presented by **Vidya Jothi Emeritus Professor Dayantha Wijeysekera** on, “Diversification of Tertiary Education with Quality and Relevance”. Following the oration, a bust of the late Professor was unveiled by **Mrs. Mandrupa Fernando** and **Mr. K.R Dayananda**, at the foyer of Adamantane House.



Bust of late Professor
J N O Fernando



Professor Eng.
Dayantha Wijeysekera



Audience at the ceremony



Sculptor Mr. Dayananda receiving the memento from past president Mr. K R Dayananda

Time is an irreversible resource that will never return

Sports day and Fresher's Night

The sports day and fresher's night organized by the level two students, to welcome the new batch of undergraduates (38th batch) to the CCS student community was held on the 11th of April at T.B Illangaratne ground, Angoda and 12th April at Sanasa Kotikawatta banquet hall.



Inter School chemistry quiz competition

The inter school chemistry quiz competition and chemistry Olympiad was held on the 1st of April 2017. The competition consisted of two rounds, where the first round was held at the President's College Rajagiriya and the second round was held at the Adamantane house. 108 students from schools island wide participated in this competition. The champions were Mahamaya Girls' College Kandy, first runners' up, Vincent College Jaffna and second runners' up were Richmond College Galle.

42nd Batch of DLTC Diplomates, 2016



Benevolent Fund Benefits for Members

Long life Benefits: Rs. 12,000 (over 70)/Rs. 18,000 (over 75)/Rs. 25,000 (over 80)

Critical illness benefits (upto Rs. 60,000)

International travel for conferences (With presentation of a paper)

A. Passive members :Rs.30,000

B. Active members: Rs.60,000

Balance 50% of Tuition fees of any member's child following the Graduateship Programme (Since 50% concession is already by CCS, this will amount to a 100% waiver).

Any member who has paid membership fees for life (after 3years of such payment) is entitled for these benefits. All members are advised to pay the membership fee for life and become beneficiaries.

Popular Talks

A popular talk on “**DHDPS inhibitors as potent antibacterial and herbicidal agents**” was presented by Miss Chamodie Ghardhi, PhD candidate of La Trobe Institute for Molecular Sciences, Australia on the 3rd of March 2017. The talk was organized by the organic chemistry club of CCS.

A popular talk on “**Product development of Stent; From Bench to Bedside**”, was presented by Vidya Jyothi Dr. Bandula Wijay- inventor, engineer, scientist and entrepreneur, on the 28th of March 2017, at the P P G L Siriwardene Auditorium.

A popular lecture was delivered by Assistant Professor Susan Odom, from the University of Kentucky, on “**The development of organic and polymeric materials for electronic and energy storage applications**”, on the 29th of March 2017 at the P P G L Siriwardene Auditorium. She also met with the prospective PhD students and shared her ideas and expertise on applying to the Universities of United States of America for higher education.



P P G L Siriwardane Memorial Lecture

The P P G L Siriwardane Memorial lecture was held on the 21st of April at the Adamantane House. The lecture was delivered by Emeritus Professor Ajit M. Abeysekara, on the topic “**From Rice Hull to fine Chemicals: An Excursion into Chemurgy**”.



MPhil Student Graduation

The College of Chemical Sciences, Institute of Chemistry Ceylon expanded its academic facilities by offering MPhil research grants to its internal academic members. The first such grant was offered in the year 2013, “Research Grant 13-01” to Dr. Chandani Udawatte, who supervised **Ms. Amali Guruge**, together with Dr.

Samantha Weerasinghe, from the University of Colombo. The research which was based on computational chemistry, was carried out under the topic, “**Coumarin derived inhibitors for human DNA topoisomerase I and II: An *in silico* approach**”. The grant was offered for two years, where the research was successfully completed in December 2015. Ms. Amali defended her thesis on the 9th of December 2017 and was awarded the MPhil degree from the University of Colombo. The work of this research was published in the “*Australian Journal of Chemistry*”.

Resignations

The following Teaching Assistants resigned from their duties, in order to pursue their higher studies and career in industry- Ms. Hiranya De Silva, Ms. Vihanga Munasinghe, Mr. Yasitha Liyanage, Mr. Kosala Purasinhala and Ms. Azra Sourjah. The CCS family thanks them for the services rendered towards their Alma Mater. The College wishes all the very best for a bright future!

Integrity is doing the right thing even when nobody is watching you

Graduateship Examinations in Chemistry, 2016

LEVEL 3 – AWARDS LIST

- 1st - Mandrupa & Oleap Fernando Hall Opening Scholarship Ms. K Chandrakanthan
2nd - Susila Jayaweera Memorial Scholarship Ms. P S Ishtaweera
3rd - Graduateship Silver Jubilee Scholarship Ms. K M Wijesinghe

MERIT BURSARIES (in order of merit)

Ms. K A S S Kuruppu, Ms. N C Paranamana, Ms. K M K G Perera, Ms. L N Dayarathne, Ms. W R H Weerasinghe, Ms. C T R Silva, Ms. M K B K Perera, Ms. W A K Gunarathne

IChemC President's Scholarship in Level 4 awarded for the Best Overall (Theory) Performance in Levels 1, 2, & 3

- Ms. K Chandrakanthan

Subject Prizes for Best Performances

W. R. O. Fernando Memorial Prize for Energetics & Kinetics

Dr. S. Lakshman De Silva Memorial Trust Prize for Physical Organic Chemistry

Prof. P. P. G. L. Siriwardena Memorial Prize for Further Topics in Inorganic Chemistry

Dr. Sudath Kumarasinghe Memorial Prize for Special Topics in Physical Chemistry

Dr. & Mrs. Swaminathan Memorial Prize for Information Technology for Chemists

CCS Prize for Nano Technology



Ms. K Chandrakanthan



Ms. P S Ishtaweera

Ms. K M Wijesinghe

Ms. K M Wijesinghe

Ms. K M Wijesinghe

Ms. L N Dayarathne

Mr. R A D Y R Ranathunga

Ms. W C S Munindradasa



Ms. K M Wijesinghe

Affiliate Membership for Graduate Chemists passing out in 2017

All Graduateship students intending to graduate this year should have obtained **AFFILIATE membership** of the Institute by now. Otherwise, they will not be recognised at the Fourteenth Convocation in February 2018. Those who have not yet done so are requested to submit their application forms immediately. Membership fees can be deducted from refundable deposit. Soon after the Level 4 examination results are released in December, it will then be possible to upgrade Affiliate Membership to Associate Membership for successful students.

A Scientist does not aim at an immediate result. He does not expect that his advanced ideas will be readily taken up. His work is like that of a planter - for the future.

THIRTEENTH CONVOCATION AWARDS LIST 2016

GRADUATESHIP (OVERALL) AWARDS

First	Shireen Jayasuriya Memorial Gold Medal for the Best Performance	Ms. U K M Bopitiya
Second	Graduateship Silver Jubilee Commemoration Award	Ms. A A S V Fernando
Third	Graduate Chemist (25 th Batch) Silver Jubilee Award	Ms. H R Atapattu, Mr. D Manawadu

AWARDS FOR OVERALL EXCELLENCE IN ALL LEVELS (THEORY)

Professor J K P Ariyaratne Memorial Award for Overall Excellence in Inorganic Chemistry	Ms. U K M Bopitiya
Professor Leslie Gunathilake Award for Overall Excellence in Organic Chemistry	Ms. U K M Bopitiya
Haniffa Award for Overall Excellence in Physical Chemistry	Ms. U K M Bopitiya
Professors Saman & Asoka Pathirathna Award for Overall Excellence in Analytical Chemistry	Ms. U K M Bopitiya

AWARDS FOR OVERALL EXCELLENCE IN PRACTICALS

Prof. R. S. Ramakrishna Memorial Award	Ms. N Gunawardhana
Mr. & Mrs. Sivarajah and Family Award	Ms. H R Atapattu
B A Jayasinghe Memorial Award	Ms. U K M Bopitiya
Fourth best Performer: CCS Award	Mr. A M C C S Bandara
Good Performer CCS Awards	Mr. D Manawadu, Ms. A A S V Fernando, Ms. L C H Emalshi, Mr. D M R L B Diyanila, Mr. D C A Perera

LEVEL 3 & 4 OVERALL (THEORY) AWARDS

First	Royal Society of Chemistry (Sri Lanka) Section Award	Ms. M S D A Goonatilleke
Second	Professor and Mrs. H.W Dias Award	Mr. D Manawadu
Third	R Nayomi Jayathissa Memorial Prize	Ms. U K M Bopitiya

SUBJECT PRIZES FOR INDIVIDUAL COURSES

W R O Fernando Memorial Prize for Energetics and Kinetics	Mr. D Manawadu
Professor P P G L Siriwardene Memorial Prize for Further Topics in Inorganic Chemistry	Ms. A A S V Fernando
Dr. Sudath Kumarasinghe Memorial Prize for Special Topics in Physical Chemistry	Ms. K H D Perera
Dharmachandra & Thamarasa Gunawardhana Memorial Prize for Selected Topics in Analytical Chemistry	Ms. A A S V Fernando, Ms. U K M Bopitiya
Institute of Chemistry Ceylon Alumni Association North American Chapter Prize for Further Topics in Physical Chemistry	Ms. H R Atapattu
Mr. P Rohan K Fernando Prize for Industrial Safety and Environmental Technology	Mr. W R C N Silva
Dr. S Lakshman De Silva Memorial Trust Prize for Physical Organic Chemistry	Ms. U K M Bopitiya
Mr. & Mrs. N I N S Nadarasa Prize for Advanced Topics in Organic Chemistry	Mr. D Manawadu
Mevan Pieris Prize for Polymer Chemistry & Technology	Ms. K H D Perera
Dr. Lakshman Ponnampereuma Memorial Prize for Special Topics in Inorganic Chemistry	Ms. U K M Bopitiya
E G Somapala Prize for Food Chemistry & Technology	Ms. K H D Perera
Denzil & Christobel Fernando Commemoration Prize for Agro Industries	Ms. D V C D Madushani
Mr. Cyril Suduwela Prize for Petroleum & Petrochemicals	Ms. H P V Subhani
Mr. & Mrs. H G Dias Memorial Prize for Green Chemistry & Sustainable Technology	Ms. A A S V Fernando
Marina & R O B Wijesekara Prize for Molecular Biology & Biotechnology	Ms. D G A T Dassanayake
Professor Paul & Rune Sharp Prize for Fundamentals of Chemical Process Engineering	Ms. U K M Bopitiya
Microchem Laboratories (Pvt) Ltd Prize for Environmental Chemistry	Ms. M S De A Goonatilleke
Pincock Prize for Photochemistry	Mr. D C A Perera
Professor Eugene De Silva Prize for Industrial Chemistry & Technology	Ms. U K M Bopitiya
Vasanthan & Menaka Prize for Further Management, Economics & Finance	Ms. A A S V Fernando
Mr. A M Jayasekara & Mrs. Kusum Aththanayaka Family Prize for Separation Sciences	Ms. M S De A Goonatilleke, Ms. C Weththasinghe
CCS Prize for Cosmetic Science	Ms. A A S V Fernando
Mr. & Mrs. E Gajanayake Prize for Atomic Spectroscopic Methods of Analysis	Ms. U K M Bopitiya
Deepa Sotheeswaran Gaschik Prize for Agro Chemicals	Ms. A A S V Fernando
K G Karunasena Memorial Prize for Quantum Mechanics	Mr. D Manawadu
Dr. Lakshmi Arambawela Prize for Research Project beneficial for the country	Ms. U K M Bopitiya, Ms. D V C D Madushani



L to R: Ms. K A M C Kodituwakku, Ms. K D S S Perera, Ms. K H D Perera, Mr. D Manawadu, Ms. U K M Bopitiya, Ms. A A S V Fernando, Ms. H R Atapattu, Ms. M S De A Goonatilleke, Ms. N Gunawardhana, Mr. W R C N Silva

34th Batch of 107 Graduate Chemists Pass out in 2016

First Class Honours (10)

Ms. U K M Bopitiya, Ms. A A S V Fernando, Mr. D Manawadu, Ms. H R Atapattu, Ms. K H D Perera, Ms. M S De A Goonatilleke, Ms. K D S S Perera, Ms. N Gunawardhana, Ms. K A M C Kodituwakku, Mr. W R C N Silva

Second Class Honours (Upper Division) (36)

Mr. A M R Chamara, Ms. K M S M Ariyaratna, Ms. M S K Ariyaratne, Mr. A M C C S Bandara, Ms. H M H S Bandusena, Ms. C M U M Chandrasekara, Mr. M P M Cooray, Mr. P B G Dhanushka, Ms. K D Dollawatta, Ms. L C H Emalshi, Mr. T A Gamagedara, Ms. S C Hettikankanamge, Ms. A A H Karannagoda, Ms. M D O S Kularathna, Ms. M R Liyanaarachchi, Ms. D V C D Madushani, Ms. Y M P K Madushani, Ms. K P S N Pathirana, Mr. K R K Purasinhala, Mr. A S Ranasinghe, Ms. A M N P Silva, Ms. S A Sourjah, Ms. M Thanaventhan, Ms. T P A U Thennakoon, Ms. N Thomas, Mr. W M S B Weerakoon, Ms. C Weththasinghe, Ms. W Y H Wickramasinghe, Ms. I M Amarathunga, Ms. H A P V Subhani, Ms. K R M S H Ratnayake, Mr. D C A Perera, Mr. D R H Saparamadu, Ms. P D T C P Peramuna, Mr. D M R L B Diyanilla, Ms. S D C J Rathnayake

Second Class Honours (Lower Division) (19)

Ms. N P Athukorala, Ms. A Balachandran, Ms. D G A T Dassanayake, Ms. S D M De Silva, Ms. D M I S Dissanayake, Mr. D B Jayalatharachchi, Ms. I D M P R Kumari, Ms. F S Nazim, Ms. T C T Peiris, Mr. W D N P K Premarathne, Ms. H M S K Rajarathne, Ms. K A D K Randima, Ms. W V E Withana, Ms. U D A P N Senavirathna, Ms. D S Ramamnyaka, Mr. H N Aluthgamage, Mr. K G S Ravinath, Mr. G T N Deshapriya, Mr. W W Vidura

Third Class Honours (13)

Mr. B D Weerakoon, Ms. D S D Amarasinghe, Ms. G G V A Geegana Gamage, Ms. G M G S Chathurangani, Ms. M I Ishra, Ms. I A Kalyanarathna, Ms. N D Kuruppu, Ms. I N Maussawa, Mr. R M R K Rathnayaka, Mr. S M P M Senarathne, Ms. F N Thowfeek, Ms. A A T L Amarasinghe, Ms. G Janani

Pass (29)

Ms. Y M R D Aberathne, Mr. H M J K Wickramasinghe, Mr. H D R T F Yapa, Ms. S A T Devanmina, Mr. A C De Alwis, Ms. M D O V Gunathilaka, Ms. J M S Jayasundara, Ms. W B P P Rajarathna, Ms. K P C Perera, Ms. W M A P Wijesinghe, Ms. P K S S Thilakarathna, Mr. P N Waranakulasooriya, Ms. W A D P Weerasekara, Ms. E A S M Edirisooriya, Mr. W Y C Fernando, Mr. A A C T Jayasinghe, Ms. C G Ravendran, Mr. H G B Samarasinghe, Ms. A K D U Santhoshini, Mr. T T Somasiri, Ms. V Thavarajah, Ms. D K R Wickramarachchi, Ms. H M Madawala, Ms. W A Fernando, Ms. C S D Fernando, Mr. C T V A Fernando, Ms. M S F Nuskiya, Mr. S M J L Samarakoon, Ms. L G N N Wadasinghe

34th Batch of 107 Graduate Chemists



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