

College of Chemical Sciences  
Institute of Chemistry Ceylon

# Graduateship Programme

Course Information - 2017

Chemistry | Our Life | Our Future



## WELCOME

The College of Chemical Sciences of Institute of Chemistry Ceylon is committed to excel in teaching, research, services and public outreach. It provides a highly diverse and nourishing environment which enables students to actively participate technologically-based society and job market as top priority. The College activities are empowered through the skills and creativity of the academic staff members who have completed their PhDs in multi-disciplinary areas related to chemistry and they offer quality services in teaching and research in the areas of physical/analytical chemistry, organic, inorganic chemistry and biochemistry / molecular biology. Therefore, the college has a dynamic, vibrant and highly stimulating teaching and research environment which is achieved through a blend of high quality academic staff members who are committed to learning and scientific discovery. The range of courses reflects the 'centre stage' that Chemistry occupies within the sciences and many of these courses facilitate our students to pursue postgraduate studies in abroad or to gain wide range of career opportunities available to Chemistry graduates. The College also offers Diploma in Laboratory Technology Programme (DLTC) to provide middle level technical expertise which involves chemical analysis and research as it is a pressing need for students who cannot enter the university.

I am also proud of our current students and our alumni as some of their achievements are highlighted in previous newsletters or in the journal, 'Chemistry in Sri Lanka'. I invite you to join us in our journey to continually strive for excellence in teaching, learning, scientific discovery and transformative knowledge translation.



Prof. (Mrs.) P. A. Paranagama,  
Dean, College of Chemical Sciences

## Content

- Why choose College of Chemical Sciences ?
- Facilities at CCS
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- Medals and Subject Prizes at Examinations
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# Why Choose College of Chemical Sciences ?

Institute of Chemistry Ceylon is the national professional body of Chartered Chemists in Sri Lanka. The College of Chemical Sciences, Institute of Chemistry Ceylon is the largest producer of Graduate Chemists in the island and is the only producer of Chemistry Technicians.

The Graduateship Programme in Chemistry (that was commenced in 1979) has also proceeded with much vigour and expectation and we are probably the only professional body in the world to provide such a formal tertiary level educational programme in Chemistry.

We provide our students with a unique and wonderful opportunity with the best available resource persons from amongst the numerous universities, research and service institutions, private sectors etc. With proper infrastructure and dynamic environment the College of Chemical Sciences offer the students to aspire to reach their full potential.

## **Our Prestige**

Incorporated by Act of Parliament No. 15 of 1972, inter alia, to promote education in Chemistry at all levels and conduct courses/ examinations for admission to its grades of membership and the award of Diploma, Certificates & other Distinctions in all branches of Chemical Sciences.

Our Graduateship Programme is the only such programme in Sri Lanka to receive international accreditation (by the Royal Society of Chemistry in UK) and we thus became the first in South Asia and the first ever professional programme in the world to be so accredited.

## **Research Strength**

Research at CCS has grown in such way that increasingly large numbers of students are pursuing undergraduate research projects at next Levels, level 3/ 4. Coupled with sophisticated instruments available for post graduate as well as undergraduate research/ class work, the availability of a dedicated research laboratory and an Instrument Room has greatly assisted this process.

## **International Focus**

About 300 of our own graduates have obtained post graduate qualifications from a number of countries including Sri Lanka, UK, USA, Canada, Ireland, France, Italy, Switzerland, Norway, Germany, Singapore and Australia.

## **Staff**

The College of Chemical Sciences employs over 100 staff members, which includes Internal Academic Staff, Teaching Assistants, a large number of visiting lecturers and regular staff (academic and non- academic), which enable our two educational programmes to proceed with greater speed, quality and efficiency.

## **State-of-the-art Facilities**

Our own institute building 'Adamantane House' which was built in 2005, together with the extension is equipped with an Auditorium, 5 other lecture halls, 2 undergraduate laboratories, a research laboratory, Instrument laboratory, a modern library, a fully equipped Board Room, many staff rooms, a penthouse and a cafeteria on the rooftop and a student Common Room.

# FACILITIES

## LIBRARY

The Institute library has developed the resources, services and other infrastructure to facilitate an efficient service to the students and the staff. The library was recently automated using koha library management system. Accessing bibliographical data of reading materials in the library is provided through the online catalogue. Circulation System has been changed from manual to electronic method.



## COMPUTATIONAL RESEARCH AND LEARNING CENTRE (CRLC)

CRLC has four research computers to perform computational chemistry research and teaching. The CRLC is hoping to upgrade and improve the computational facilities in future and to focus more undergraduate level research.



## TEACHING AND RESEARCH LABORATORIES

All laboratory practicals are held in our own laboratories. We have two functional and fully equipped laboratories named as Ramakrishna laboratory and Sultanbawa laboratory. They are stocked with chemicals, instruments and basic facilities for research.



## INSTRUMENT CENTRE

The newly built instrument centre of the College provides a rigid platform for the students to enhance their instrumental skills. It consists of the following facilities to carry out research and practicals:

- Atomic Absorption Spectrometer
- Spectrophotometers
- Spectrofluorometers
- Gas Chromatograph
- Electrochemical Workstation

# RESEARCH IN CCS



## POSTGRADUATE RESEARCH

The research capabilities of the College of Chemical Sciences was recently expanded so as to enable postgraduate research in addition to the undergraduate research work. Through this scheme the College of Chemical Sciences opens its doors to prospective research students to conduct their research project at the College and utilized all the resources which we possess. Not only that, the College also provides research funding through a scheme of competitive grants to promising research candidates.

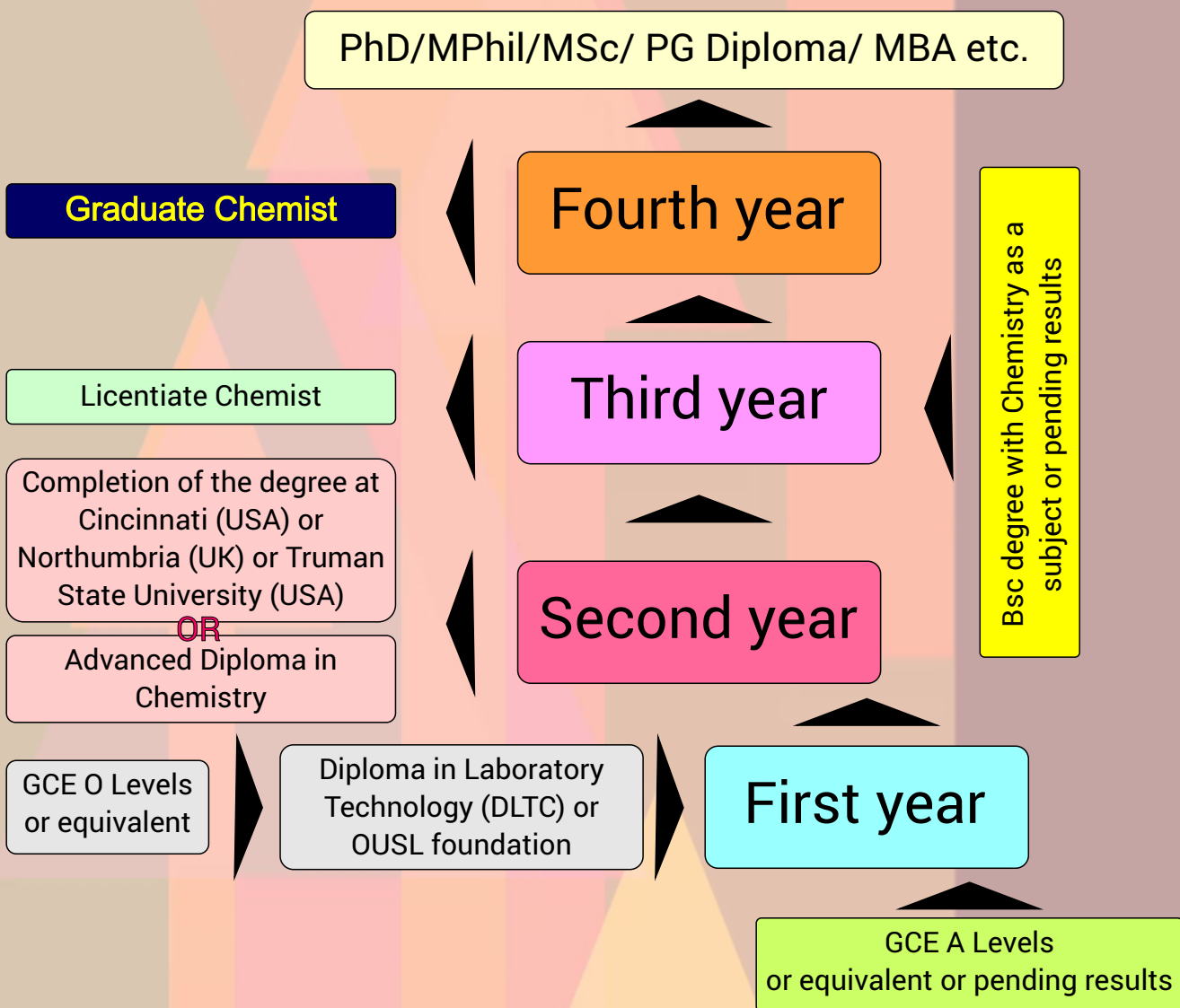
Postgraduate level research is conducted in collaboration with external academic entities where the students are enrolled for postgraduate degrees in Sri Lankan State Universities. College of Chemical Sciences provides them access to state-of-the-art instrumentation and other required physical resources as well as funding. This scheme provides the students the opportunity to work with a member of our distinguished academic staff who are among the finest chemists in Sri Lankan tertiary education system.

We offer students a selection of research areas in the chemical sciences for postgraduate studies with our major research strengths in the areas of Bio-fuel and Renewable Energy, Computational Chemistry, Applied Analytical Chemistry, and Natural Product Chemistry.

## UNDERGRADUATE RESEARCH

Many GIC students get an opportunity to register for the course on “research methods in chemistry” and to conduct a project under the supervision of one of our academic staff on a selected topic related to Chemical Sciences such as Organic Chemistry, Analytical Chemistry, Natural Product Chemistry, Computational Chemistry, Biofuels and Renewable Energy Sources, Cosmetic Chemistry, Polymer Chemistry, Photochemistry and Chemical Sensors. Students can conduct a project that suits their interest and in the process gain valuable scientific research experience including the handling of state-of-the-art instruments as well as the opportunity to finally publish their work in scientific journals.

# YOUR PATHWAY TO A DEGREE IN CHEMISTRY



## DLTC Programme

The Diploma in Laboratory Technology in Chemistry qualification carries much weight as a certificate issued by an incorporated professional body.

Further, recognition is given to the Diploma in Laboratory Technology in Chemistry Certificate by some public sector and private sector organizations who pay the fees of their employees and also give increments and other credit for those employees who successfully complete the course.

## GIC Programme

Students may enroll to GIC Programme with GCE A/L - equivalent or DLTC Programme or OUSL foundation

The GIC Programme is a four year degree programme where the Academic year of the GIC Programme is divided into two semesters

Applications are invited from those having at least a pass at BSc degree examination with Chemistry as a subject.

Provisional admissions will be given to those who have completed 2 years of study at the B.Sc. degree.

## Opportunities

Students could opt after 2 years of successful completion of examinations for an Advanced Diploma qualification after Level 2.

Advanced Diplomates can thus exit the programme after two years and obtain a BSc Hons degree in Applied Chemistry at Northumbria University, UK (after one more year of study in UK), BSc degree from the University of Cincinnati, USA (after 2 more years of study in USA) or BSc degree from Truman state University

# THEORY & PRACTICAL COURSES

## Level 1 – 21 Credits – Core Courses

C 11000	Language Course – Non-credit course
C 11003	Basic Concepts
C 11013	General & Inorganic Chemistry
C 11023	Principles of Physical Chemistry
C 11033	Principles of Organic Chemistry
C 11042	Mathematics for Biological Science Students OR
C 11052	Biology for Physical Science Students
C 11063	Mathematical Applications for Chemists
C 11072	Fundamentals of Physics for Chemists
C 11082	Analog & Digital Electronics for Chemists

## Level 2 Courses – 21 Credits – Core Courses

C 21012	Physical Chemistry
C 21022	Principles of Quantum Chemistry and Molecular Spectroscopy
C 21023	Inorganic Chemistry
C 21032	Organic Chemistry I
C 21062	Organic Chemistry II
C 21042	Titrimetric and Gravimetric Methods in Analysis
C 21082	Separation Methods and Spectroscopic Applications
C 21053	Biochemistry
C 21073	Introduction to Management, Economics and Finance

## Level 3 – 26 Credits – Core Courses

C 31003	Energetics & Kinetics
C 31012	Special Topics in Physical Chemistry I
C 31022	Special Topics in Physical Chemistry II
C 31033	Advanced Topics in Organic Chemistry
C 31043	Physical Organic Chemistry
C 31053	Special Topics in Inorganic Chemistry I
C 31062	Special Topics in Inorganic Chemistry II
C 31072	Analytical Chemistry: Instrumental Methods I
C 31082	Analytical Chemistry: Instrumental Methods II
C 31092	Environmental Chemistry
C 31102	Research Methods

## COMPULSORY PRACTICAL COURSES

C 11201	General Chemistry
C 21202/31202	Analytical Chemistry
C 21212/31212	Physical Chemistry
C 21222/31222	Organic Chemistry
C 31233/41233	Advanced Analytical & Inorganic Chemistry
C 31243/41243	Advanced Physical Chemistry
C 31253/41253	Advanced Organic Chemistry

## Level 3/4 Optional Courses

C 31313/41313	Analytical Industrial Biochemistry
C 31323/41323	Biochemistry II
C 31333/41333	Chemical Education
C 31342/41342	Further Topics in Environmental & Green Chemistry
C 31353/41353	Food Chemistry & Technology
C 31363/41363	Fundamentals of Chemical and Process Engineering
C 31373/41373	Industrial Chemistry & Technology
C 31383/41383	Natural Products
C 31393/41393	Pharmaceutical & Medicinal Chemistry
C 31403/41403	Polymer Chemistry & Technology
C 31413/41412	Further Management, Economics and Finance
C 31422/41422	Agrochemicals
C 31432/41442	Atomic Spectroscopic Methods of Analysis
C 31442/41442	Chemical & Molecular Toxicology
C 31452/41452	Computational Chemistry
C 31462/41462	Electrochemical Technology
C 31472/41472	Industrial Safety, Health and Environmental Technology
C 31482/41482	Information Technology
C 31492/41492	Molecular Biology & Biotechnology
C 31502/41502	Particle Physics
C 31512/41512	Photochemistry
C 31522/41522	Quantum Mechanics
C 31532/41532	Separation Sciences
C 31542/41542	Petroleum and Petrochemistry
C 31552/41552	Quality Management
C 31562/41562	Cosmetic Science
C 31572/41572	Nanotechnology
C 31582/41582	Clinical Herbal Products Development
C 31592/41592	Materials Chemistry
C 31602/41602	Chemistry of Gem Minerals & Synthetic Gem Materials
C 31611/41611	Agro Industries

## Level 4 – Either 8C or 5C – Compulsory Courses

C 41152	Literature Survey in Chemical Sciences OR
C 41162	Seminar Presentation OR
C 41172	Internship OR
C 41185	Research Project AND
C 41193	General Chemistry Paper

# LIST OF OFFICIALS OF THE COLLEGE OF CHEMICAL SCIENCES

Honorary Rector/ CCS and Chairman, Academic Board	: Professor Samitha P Deraniyagala
Dean/ CCS	: Professor Priyani A Paranagama
Registrar	: Mr. N I N S Nadarasa
Additional Registrar	: Mr. A M Jayasekara
Deputy Registrar	: Mr. J M Ranasinghe Banda
Senior Assistant Registrar	: Ms. D Attanayake
Accounting Officer	: Ms. Anoma Wijesuriya
Librarian	: Ms. I Hendivitharana



Graduate Chemists in Procession at Twelfth Convocation, 2016

# PAYMENT STRUCTURE

Types of Payments in the system

- Registration Fees, Refundable Deposit, Tuition Fees (Theory and Practical), Examination Fees
- Life Membership fee.

Registration Fee			Direct Level 3 entrance
Level 1 & 2	Level 3 & 4	All Levels (Levels 1-4)	
Rs. 90,000 (by September 30, 2016)	Rs. 125,000 (by November 15, 2016)	Rs. 170,000 (by October 31, 2016)	
Rs. 100,000 (by October 31, 2016)	Rs. 140,000 (by November 30, 2016)	Rs. 180,000 (by November 30, 2016)	Refundable Deposit Rs. 70,000
Refundable Deposit			Composite Tuition Fee Rs. 120,000
Initial	Balance	Payment at once	
Rs. 90,000 (by September 30, 2016)	Rs. 50,000 (by November 15, 2016)	Rs. 130,000 (by October 31, 2016)	
Rs. 100,000 (by October 31, 2016)	Rs. 60,000 (by November 30, 2016)	Rs. 140,000 (by November 15, 2016)	

Tuition Fee (Theory)					
Payment Mode	Level 1 or 2	Levels 1 & 2	Level 3 or 4	Levels 3 & 4	Levels 1,2,3,4
Early Bird (by October 31, 2016)	Rs. 60,000	Rs. 90,000	Rs. 80,000	Rs. 120,000	Rs. 190,000
Normal (by November 30, 2016)	Rs. 75,000	Rs. 100,000	Rs. 90,000	Rs. 140,000	Rs. 225,000

Tuition Fees (Practical)				Composite Tuition (Theory & Practical) Fee
Payment Mode	Section A	Section B	Sections A & B	
Early Bird (by October 31, 2016)	Rs. 80,000	Rs. 120,000	Rs. 175,000	Rs. 300,000
Normal (by November 30, 2016)	Rs. 90,000	Rs. 130,000	Rs. 200,000	Rs. 340,000

## Examination Fees

- Theory : Includes an Entrance Fee of Rs. 6,000/= per year for level 1 & 2, and per credit fee of 1000/=  
Includes an Entrance Fee of Rs. 6,000/= per semester per level 3 & 4, and per credit fee of 1000/=
- Practical : Rs. 30,000/= including the entrance fee

- Life membership fee of the Institute of Chemistry is about 20,000/=

## Note:

1. Attractive discounts for full payments are offered for most of the payments including the examinations; see figures given above.

## 2. For late payments

- surcharge of 10% involves per month for Tuition & Examination Fee
- surcharge of 10% involves per semester for Refundable Deposit.

3. The payments stated above are subject to change.

# OUTSIDE YOUR STUD

## SPORTS

The College of Chemical Sciences offers our students the opportunity to engage in many sporting activities. These include ;

Cricket  
Karate  
Rugby  
Badminton  
Basketball  
Chess  
Carrom

Students can participate in practice sessions as well as the various tournaments in which they can display their skills and represent the College teams.



# DIES

## ACTIVITIES

- Aura Talent Show
- Fresher's Night
- Sinhalese and Hindu New Year Celebration
- Poson Dhamma Sermon and Bakthi Geetha
- Thanksgiving Mass
- Navarathri Observance
- Ramadan Celebration
- Christmas Party
- CHEMEX Exhibition

## CLUBS AND SOCIETIES

- Rotaract Club
- Analytical Club
- Photography Club
- Society of Magicians

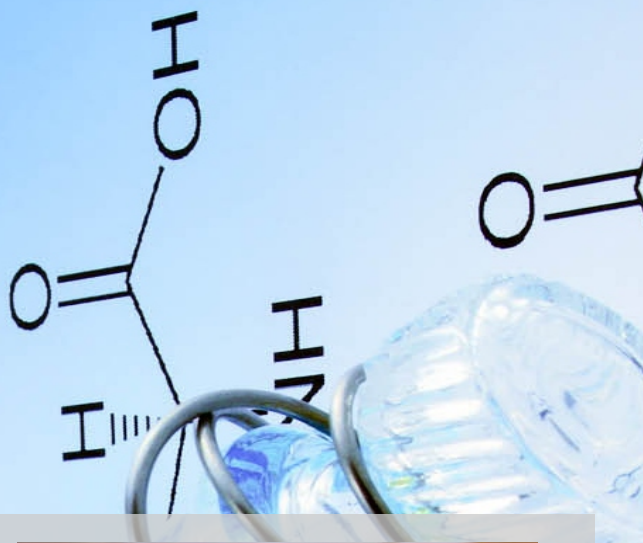


# CCS FAMILY



Dr. Piyal Ariyananda was graduated in 1997 with a second class upper division pass. He also won the 2<sup>nd</sup> best Performance at the Graduateship in Chemistry Part II examination and 3<sup>rd</sup> best overall performance of the Graduateship in Chemistry examinations. In 2003, Dr. Ariyananda obtained M.Sc. in Chemistry from the University of Louisiana at Monroe, USA with being the outstanding Graduate Student in Department of Chemistry, in 2003. He started his Ph.D. in Bioorganometallic Chemistry at the University of Delaware, and Graduated in 2010. Soon after graduation at UD, he was awarded Postdoctoral Fellowship at the same University, and continued till 2012 until he moved to Germany for the position of Postdoctoral Scientist at the Catalysis Research Lab (CaRLa) at BASF.

After returning to Sri Lanka in 2013, he is now serving as the Regional Head of Research at Midas Safety Inc.



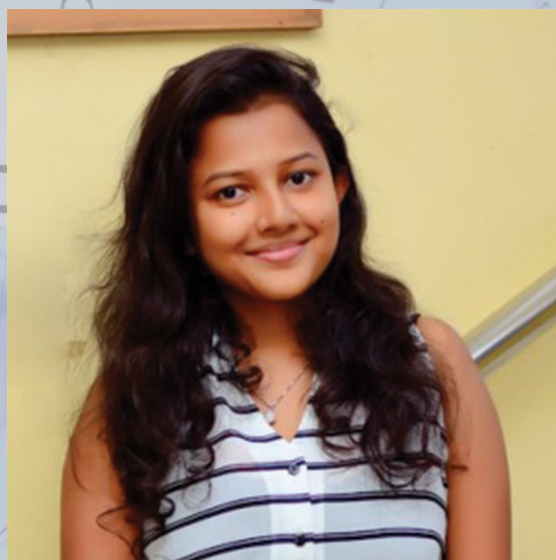
Dr. Mohamed Infas, our own Graduate Chemist is currently a Senior Lecturer at the Institute of Chemistry who is also the student mentor of the Students' Association of College of Chemical Sciences. He obtained his Masters from University of Bath and his Ph.D. from University of St. Andrews.

He is also the President of the Alumni Association of College of Chemical Sciences. He is a young Chemist who wishes to serve the Institute in his full capacity.



Meet Ms. Vihanga Munasinghe, a graduate student of Institute of Chemistry Ceylon, College of Chemical Sciences. She graduated this year (2016) with a First Class Honours from Institute of Chemistry, but there is more to her. She was the first in her batch winning the Shireen Jayasuriya gold medal for the best performance in all parts of the graduateship examination.

In the future, she is looking forward to follow the path of the people who inspires her and is hoping to pursue her career as an academic.



Here is Ms. Anjana Wijesekara who is freshly graduated student from the Institute of Chemistry Ceylon who had excelled herself in obtaining the Dr. R O B Wijesekara Felicitation Award for the Best All Rounder for her outstanding performance in her academic career from 2012 to 2015.

Her educational background was remarkable where she is a first class honors holder and the batch second, in which she was capable of obtaining many awards for many subjects at the same time. She is hoping to pursue her career as an academic.

# HOW TO BE A PART OF US ?

The application form together with the course prospectus and other details can be obtained from the College office on any day from 9 a.m to 5. p.m. It also can be downloaded from our web site [www.ichemc.edu.lk](http://www.ichemc.edu.lk).

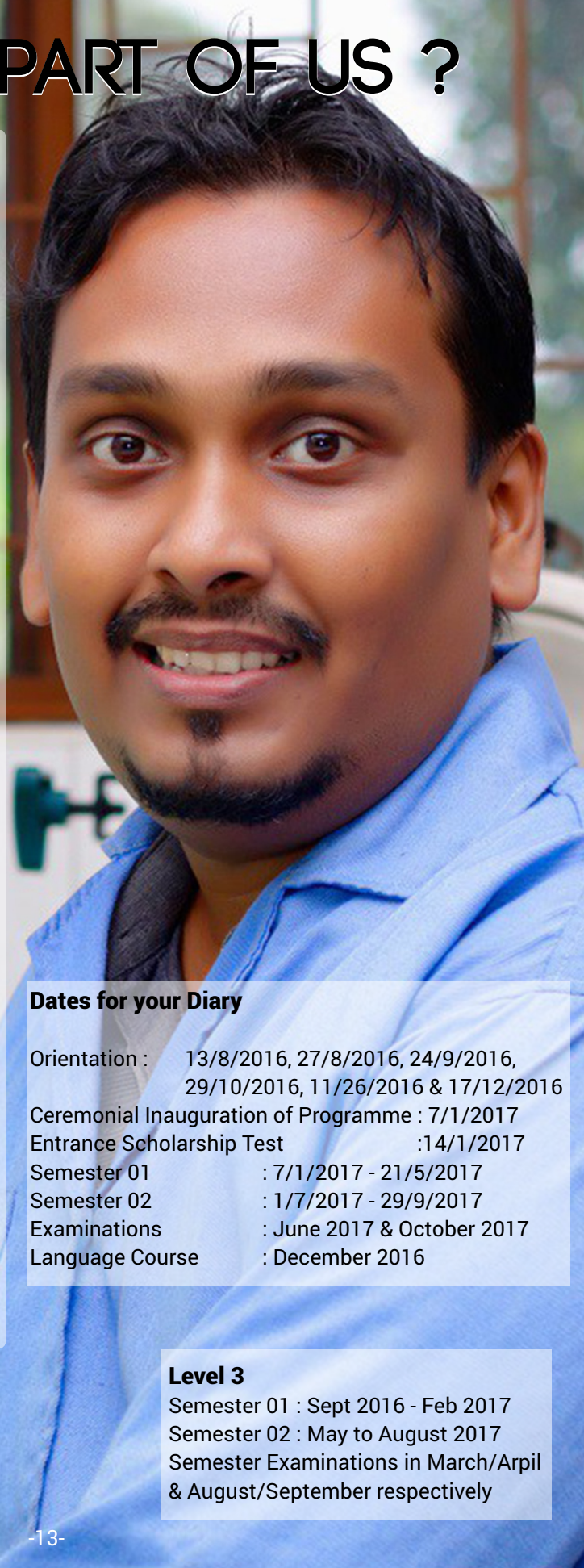
Copies can also be obtained by post by forwarding a self-addressed stamped (Rs. 50/-) envelope (6" X 9") to the Registrar, College of Chemical Sciences, Adamantane House, 341/22, Kotte Road, Welikada, Rajagiriya.

## Registration for the programme?

The duly completed application form together with photocopies of qualifying certificates (such as A/L) should be forwarded to the above address together with a duly receipted Bank of Ceylon voucher in support of the payment of at least the Registration fee. Please do so only if you have firmly decided to follow our programme.

Such applicants will be invited to attend an interview with original certificates. Registration will be confirmed after the interview depending on qualifications and other demands for registration. Selection will be on merit.

Any applicant who is rejected by the College at the interview for any reason whatsoever will be refunded payments made. Apart from that, fees once paid will not be refunded under any circumstances whether you come for the interview or not. Also note that any payments made by candidates whose applications are accepted will not be refunded or transferred under any circumstances. No requests for such refunds/transfers will be entertained under any circumstances.



## Dates for your Diary

Orientation : 13/8/2016, 27/8/2016, 24/9/2016,  
29/10/2016, 11/26/2016 & 17/12/2016  
Ceremonial Inauguration of Programme : 7/1/2017  
Entrance Scholarship Test : 14/1/2017  
Semester 01 : 7/1/2017 - 21/5/2017  
Semester 02 : 1/7/2017 - 29/9/2017  
Examinations : June 2017 & October 2017  
Language Course : December 2016

## Level 3

Semester 01 : Sept 2016 - Feb 2017  
Semester 02 : May to August 2017  
Semester Examinations in March/Arpil  
& August/September respectively

# LIST OF LECTURERS & EXAMINERS (2016 ONWARDS)

## College of Chemical Sciences

Dr. (Mrs.) T. Gobika, Grad.Chem., PhD, C.Chem., M.I.Chem.C.  
Dr. W. A. D. S. R. Gunatilake, Grad. Chem., PhD, C.Chem., M.I.Chem.C.  
Prof. O. A. Ileperuma, BSc, PhD  
Dr. H. M. M. Infas, Grad.Chem., M.Res., PhD, C.Chem., M.I.Chem.C.  
Dr. U. K. Jayasundara, BSc, PhD, C. Chem., M. I. Chem. C.  
Dr. (Mrs.) R. Kandiah, Grad.Chem., PhD, C.Chem., M.I.Chem.C.  
Prof. (Mrs.) P. A. Paranagama, BSc, M.Phil, PhD, C.Chem., F.I.Chem.C.  
Dr. T. R. Parthipan, Grad.Chem., PhD, C.Chem., M.I.Chem.C.  
Prof. K. A. S. Pathiratne, BSc, MSc, PhD, C.Chem., F.I.Chem.C.  
Mr. J. M. Ranasinghe Banda, BSc, MSc, Eng., Dip.Stat., M.I.M., C.Eng.  
C.Chem. F.I.Chem.C.  
Dr. C. Ratnaweera: BSc, MSc, PhD, C.Chem., M.I.Chem.C.  
Prof. S. Sotheeswaran: BSc, D.Sc., PhD, C.Chem., F.I.Chem.C., FNASSL  
Dr. (Mrs) C. Udawatte: Grad.Chem., PhD, C.Chem., M.I.Chem.C.  
Dr. (Mrs.) D. N. Udukala: BSc, PhD, M.I.Chem.C.  
Dr. U. S. K. Weliwegamage: BSc, PhD, C.Chem., M.I.Chem.C.  
Prof. (Mrs.) S. Wimalasena: BSc, MSc, C.Chem., F.I.Chem.C

## University of Colombo

Prof. M. D. P. de Costa: BSc, PhD., C.Chem., F.I.Chem.C.  
Prof. D. P Dassanayake: BSc, MPhil, PhD  
Prof. R. S Dassanayake: BSc, PhD  
Prof. S. A. Deraniyagala: BSc, PhD, C.Chem., F.I.Chem.C.  
Dr. H. I. C. De Silva: BSc, PhD, C.Chem., M.I.Chem.C.  
Dr. M. N. Kaumal: BSc, PhD  
Dr. B. G. K. Perera: BSc, MSc, PhD  
Dr. M. S. S. Weerasinghe: BSc, PhD  
Prof. (Ms) R. Wijesekara: BSc, PhD, C.Chem., M.I.Chem.C.  
Dr. M. Edirisinghe: BSc, PhD.  
Prof. S. R. D. Rosa: BSc, MSc, PhD  
Prof. Ravindra Fernando: MBBS, M.D., F.R.C.P., F.R.C.Path. F.C.C.P., F.R.C.P., F.C.G.P.  
Prof. C. P. D. W. Mathew: BSc, MSc, PhD., C.Chem., F. I. Chem. C.  
Prof. (Mrs.) Preethi Soysa: BSc, MSc, PhD  
Dr. T. Thoradeniya: B.V.Sc., PhD  
Prof. S. Wijesundara: BSc, MSc, PhD  
Dr. H. Kathiriarachchi: BSc, M. Phil, PhD

## University of Sri Jayawardenapura

Prof. S. P. Deraniyagala, BSc, PhD, C.Chem., F.I.Chem.C.  
Prof. P. P. M. Jayaweera: BSc, PhD, C. Chem., M.I.Chem.C  
Prof. L. Karunanayake: BSc, PhD, C. Chem, F.I.Chem.C.  
Prof. S. S. L. W. Liyanage: BSc, PhD, C. Chem., F.I.Chem.C., MRSC.  
Dr. (Ms.) S. Samarasinghe: BSc, MSc, PhD, C.Chem., F.I.Chem.C.  
Prof. S.Ekanayake: BSc (Hon), M Phil, PhD, C.Chem., F.I.Chem. C.  
Dr. R. Perera: MBBS, PhD  
Prof. H. Peiris: B. V. Sc., M. Phil., PhD, A.C.B.I  
Prof. Tilak Fonseka: BA , LLB, MBA, MA, PhD

## University of Kelaniya

Dr. A. M. Tissa Amarakoon: BSc, PhD  
Dr. M. P. Deeyamulla: BSc, PhD, MRSC  
Prof. J. A. Liyanage: BSc, PhD, C. Chem., C. Sci., F. I. Chem. C., FRSC.  
Dr. W.A.P.J. Premaratne: BSc, PhD  
Prof. N. A. K. P. J. Seneviratne: BSc, PhD, M. I. Chem.C.  
Dr. (Ms.) Ranjani Amarakoon: BSc, MSc, PhD  
Prof. (Mrs.) Asoka Pathiratne: BSc, PhD

## Industrial Technology Institute

Dr. (Ms.) R. Samarasekara: BSc, PhD, M.I.Chem.C.  
Dr. C. Wijayasiriwardena: BSc, MSc, PhD

## Sri Lanka Institute of Nanotechnology

Dr. Nuwan De Silva: BSc, PhD  
Dr. Dinara S Gunasekara: Grad. Chem., BSc, MSc, PhD, M.I.Chem.C.  
Dr. (Ms) N. N. M. Gurusinghe: Grad. Chem., PhD, A.I.Chem.C.  
Dr. (Ms.) V. M. Thadhani: BSc, MPhil, PhD, C. Chem., M.I.Chem.C.

## South Asian Technology and Medicine

Dr. A. A. P. Keerthi: Grad.Chem., Ph.D, M.I.Chem.C., C.Chem.

## Open University of Sri Lanka

Dr. G. Bandarage: BSc, PhD, C.Chem., F.I.Chem.C., C.Phys.  
Mr. M. R. M. Haniiffa: BSc, MSc, C.Chem., M.I.Chem.C.

## University of Peradeniya

Dr. D. G. G. P. Karunaratne: BSc, PhD

## Kotalawela Defence University

Prof. J. Welihinda: BSc, PhD, C.Chem, M.I.Chem.C.

## University of Moratuwa

Dr. B. A. J. K. Premachandra: BSc, MSc, PhD  
Mr. B. H. Sudantha: BSc, M. Phil

## Other Visiting Staff

Mr. Raja Amaratunga: BSc  
Dr. (Ms.) L.S.R. Arambewela: BSc, PhD, C.Chem., F.I.Chem.C.  
Dr. (Ms.) L. M. De Zoya Ariyananda: Grad.Chem., PhD, A.I.Chem.C.  
Prof. T. R. Ariyaratna: BSc, PhD  
Mr. S. K. Cyril: BSc, MSc, C.Chem., M.I.Chem.C.,  
Mr. K. R. Dayananda: Grad. Chem., M. Phil., C. Chem., M.I.Chem.C.  
Emeritus Prof. E. D. de Silva: BSc, PhD., C.Chem., F.I.Chem.C.,  
FNASSL.  
Mr. Amal Dissanayake: BSc, MSc, PG Dip.  
Prof. K. B. M. Fonseka: BSc; MBA; FCMA; FCMA  
Mr. P.R.K. Fernando: Grad.Chem., MSc, PGD, M.I.Chem.C., M.G.A. SL,  
Emeritus Professor H. D. Gunawardhana: B.Sc., Ph.D., C.Chem.,  
F.I.Chem.C., F.N.A.S.S.L  
Dr. (Mrs.) S. Hewage: BSc, PhD, C.Chem., F.I.Chem.C.  
Mr. N. M. S. Hettigedara: Grad. Chem., MSc, C. Chem., F. I. Chem. C.,  
MRACI, MNS, MHSM, FRSH  
Mr. D. B. N. Perera: MBA, Grad. I. Chem. C, C.I.M., NDHRM, HDBFM  
Mr. H. S. M. Pieris: MBA, MSc, FIM, C. Chem., F. I. Chem. C.  
Mr. K. Sivarajah: BSc, MSc, F. I. Chem. C., C. Chem.  
Mr. E. G. Somapala: BSc, MSc, C. Chem., F. I. Chem. C.  
Dr. L. M. K. Thilakarathne: BSc, PhD, F. I. Chem C., C.Chem.  
Mr. Walter Wickramasinghe: BSc, Dip. In Leather

## External (Foreign) Examiners

Prof. J. R. Hanson (Chair) (University of Sussex, UK)  
Prof. David Smith (University of Bristol, UK)  
Dr. P. D. Lickiss (Imperial College of Science, Technology & Medicine, UK)

# Graduateship Scholarships/ Bursaries

## **Chemical Industries (Colombo) Ltd & Dr. Sudath Kumarasinghe Entrance Scholarships, College of Chemical Sciences (CCS) Bursaries and other Merit Bursaries (2016/2017)**

Entrance Scholarships are offered to at least two students enrolling for level 1, and about 8-10 merit bursaries will also be given by the college to students performing reasonably well in the Entrance Scholarship Examination.

## **Dr. & Mrs. Senthe Shanmuganathan Family Bursary for Accommodation**

Scholarships and Merit Bursaries are solely given on merit. However the needy bursaries are given on reasonable merit but coupled essentially to financial need.

### **Level 1 Examination**

Charles Jayaweera (Open) Memorial Scholarship/Bursary

Nandawathie Jayaweera (Open) Memorial Scholarship/Bursary

Professor R S Ramakrishna Memorial Scholarship/Bursary

Dr. Dilanjan & Mrs. Gowrie Soysa Scholarship/Bursary

Second Charles Jayaweera (SP) Memorial Scholarship/Bursary and Second Nandawathie Jayaweera (SP) Memorial Scholarship/Bursary (only to students resident and or from a school in the Southern Province)

CCS Bursaries (on merit) / CCS needy bursaries (on merit & need)

### **Level 2 Examination**

Professor Pearlyn Pereira Commemoration Scholarship/Bursary

W F Peiris Memorial Trust Scholarship/Bursary

Dr. G C N Jayasuriya Commemoration Scholarship/Bursary

Family Leelarathne Scholarship/Bursary

CCS Merit Bursaries (on merit) / CCS needy bursaries (on merit & need)

### **Level 3 Examination**

Mandrupa and Oleap Fernando Hall Opening Scholarship/Bursary

Susila Jayaweera Memorial Scholarship/Bursary

Graduateship Silver Jubilee Scholarship/Bursary

CCS Merit Bursaries (on merit) / CCS needy bursaries (on merit & need)

### **Levels 1,2 and 3 Examination**

IChemC President's Scholarship for Best Performance at Levels 1,2 and 3



33<sup>rd</sup> Batch of 97 Graduate Chemist (with officials) at Twelfth Convocation at Eagle's Lakeside

# MEDALS AND SUBJECT PRIZES AT EXAMINATIONS

## Level 1

Graduate Chemists Alumni Prize for General & Inorganic Chemistry  
Emerine Fernando Memorial Prize for Principles of Physical Chemistry  
Prof. & Mrs. S Sotheeswaran Prize for Principles of Organic Chemistry  
Bennett Prize for Mathematics for Biological Science Students  
Somawathie Mathew Memorial Prize for Biology for Physical Science Students  
Mr. & Mrs. J M Ranasinghe Banda Prize for Applications of Mathematics  
Analog and Digital Electronics for Chemists by Dr. Kaumal  
Fundamentals of Physics for Chemists  
Dr. Infas and Family Prize for Basic Concepts

## Level 2

Professor J N Oleap Fernando Prize for Physical Chemistry  
Professor Samitha P Deraniyagala Prize for Inorganic Chemistry  
Professor Siromi Samarasinghe Prize for Organic Chemistry  
Yogarani Mahesan & Family Prize for Analytical Chemistry  
Professor Jayantha Welihinda Prize for Biochemistry  
Henry Ashmore Pieris Memorial Prize for Management, Economics and Finance

## Convocation Awards at Levels 3 & 4

W R O Fernando Memorial Prize for Energetics and Kinetics  
Professor P P G L Siriwardene Memorial Prize for Further Topics in Inorganic Chemistry  
Dr. Sudath Kumarasinghe Memorial Prize for Special Topics in Physical Chemistry  
Dharmachandra & Thamarasa Gunawardhana Memorial Prize for Selected Topics in Analytical Chemistry  
Ms. Careen Manel Abeywardene Memorial Prize for Natural Product Chemistry  
Mr. & Mrs. H G Dias Memorial Prize for Electrochemical Technology  
Institute of Chemistry Ceylon Alumni Association North American Chapter Prize for Further Topics in Physical Chemistry  
Mr. P Rohan K Fernando Prize for Industrial Safety and Environmental Technology  
Dharmarathne Wasala Prize for Computational Chemistry  
N M S Hettigedara Family Prize for Pharmaceutical & Medicinal Chemistry  
Dr. Rohan Perera Prize for Chemical & Molecular Toxicology  
Dr. S Lakshman De Silva Memorial Trust Prize for Physical Organic Chemistry  
CCS Prize for Particle Physics  
Mr. & Mrs. N I N S Nadarasa Prize for Advanced Topics in Organic Chemistry  
Mevan Pieris Prize for Polymer Chemistry & Technology  
Dr. Lakshman Ponnampereuma Memorial Prize for Special Topics in Inorganic Chemistry  
E G Somapala Prize for Food Chemistry & Technology  
Mr & Mrs Suppiah & Seethadevi Prize for Analytical Industrial Biochemistry  
Lakshmi Award for Chemistry of Gem Minerals & Synthetic Gem Minerals  
Susila Jayaweera Memorial Prize for Advanced Biochemistry  
Denzil & Christobel Fernando Commemoration Prize for Agro Industries  
Mr. Cyril Suduwela Prize for Petroleum & Petrochemicals  
Piyadasa & Kalyanawathi De Silva Memorial Prize for Quality Management  
Mr. & Mrs. H G Dias Memorial Prize for Green Chemistry & Sustainable Technology  
A P De Silva Prize for Chemical Education  
Marina & R O B Wijesekara Prize for Molecular Biology & Biotechnology  
Mr. & Mrs. E Gajanayake Prize for Atomic Spectroscopic Methods of Analysis  
Vasanthan & Menaka Prize for Further Management, Economics & Marketing  
Professor Eugene De Silva Prize for Industrial Chemistry & Technology  
Microchem Laboratories (Pvt) Ltd Prize for Environmental Chemistry  
Professor Paul & Runy Prize for Fundamentals of Chemical Process Engineering  
Pincock Prize for Photochemistry  
Deepa Sotheeswaran Gaschik Prize for Agro Chemicals  
K G Karunasena Memorial Prize for Quantum Mechanics  
Mr. A M Jayasekara & Mrs. Kusum Aththanayaka Family Prize for Separation Sciences

## Practical Chemistry

Professor R S Ramakrishna Memorial Award  
Mr. & Mrs. K Sivarajah & Family Award  
B A Jayasinghe Memorial Award  
College of Chemical Sciences Award

# MEDALS AND SUBJECT PRIZES AT EXAMINATIONS (CONTD..)

## **Awards for Overall Excellence in Principal Areas in all Levels of Study (Theory)**

Professor J K P Ariyaratne Memorial Award for Overall Excellence in Inorganic Chemistry Professor Leslie Gunathilake Award for Overall Excellence in Organic Chemistry

Haniffa Award for Overall Excellence in Physical Chemistry

Professors Saman & Asoka Pathirathna Award for Overall Excellence in Analytical Chemistry

## **Graduateship All Rounder Awards**

Dr. R O B Wijesekara Felicitation Award for the Best All Rounder

Chamikara Wijesinghe Award for the Second Best All Rounder

Prof. Noel G Baptist Memorial Prize for the Third Best All Rounder

## **Overall Graduateship Examination (Only for First Class Awardees)**

Best Performance: Shireen Jayasuriya Gold Medal

Second Best Performance: Graduateship Programme (Silver Jubilee) Commemoration Prize

Third Best Performance: Graduateship (25th Batch passing out) Silver Jubilee Prize

# WHERE COULD YOUR COURSE TAKE YOU?

## **Careers**

Being a graduate of IChemC brings self-pride to oneself owing to a qualification that is equivalent to a Chemistry Special Degree. In a developing world of Science and Technology, chemistry plays a huge demand in the industry. Our graduate chemists are employed in highly professional job roles in the industry ranging from Textile to Pharmaceutical Chemistry and as academic professionals too. Some of our graduates have chosen to pursue post graduate studies abroad.

## **What makes our Chemistry graduates so employable?**

Our courses are accredited by the Royal Society of Chemistry which makes our degree programme highly reputed. We are recognized among leading cooperates and universities both legally and internationally which makes our graduates stand out from the rest. It is guaranteed that science related occupations are right at your feet.

## **Beyond Study**

We are comprised with skillful academic staff who will develop you to enrich yourselves with high caliber to adjust to any work place. Throughout the course your presentation skills, research, management, communication skills and leadership will be enhanced. This will empower you to specialize in any career you wish to proceed. One of the key features, your employer would be impressed is if you've been a member of any student activity club. This gives you opportunity to meet a broad mix of people and build your skills and confidence.



This is to certify that

***The College of Chemical Sciences***

At the

***Institute of Chemistry Ceylon***

offers a Graduateship courses that is accredited by

**THE ROYAL SOCIETY OF CHEMISTRY**

for partially satisfying the academic requirements for the award of

**CHARTERED CHEMIST (CCHEM)**

*Lesley J. Fellner*

President

*This certificate applies to student enrolments between 2012– 2017 inclusive and is dependent upon the RSC being notified by the University of any substantial changes in course structure and content.*

*A list of accredited courses is available at [www.rsc.org/members/accred.htm](http://www.rsc.org/members/accred.htm)*

# Contact Us

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