



INSTITUTE OF CHEMISTRY CEYLON

GOLD/SILVER/BRONZE MEDAL AWARDS

GENERAL CRITERIA

(Revised in 2023)

Institute of Chemistry Ceylon presents the following awards annually to suitable persons.

Institute of Chemistry Gold Medal 2024

This prestigious award is for **outstanding contribution** to the welfare of the Institute provided in an honorary capacity.

This Gold Medal was the first of such awards of the Institute. It was made possible through a generous donation made in 1978/79 by Mascons Ltd. in memory of their founder Mr. A Subramaniam. The award is made to a mid-career Chemist in recognition of significant contributions towards the activities of the Institute through yeoman service in an honorary capacity. Nominees should be less than 55 years of age and should have been Corporate Members for at least 10 years by 1st June 2024. This award shall be presented at the Annual Sessions of the Institute of Chemistry Ceylon. Please visit the Institute website (www.ichemc.edu.lk) for more details.

Honorary activities to be considered for the Medal include,

- Holding office of institutional administrative bodies (e.g., Council, Academic Boards)
up to 5 points/activity/year (maximum 30 points)
- Playing a significant role in committees up to 5 points/activity/year (maximum 20 points)
- Coordination of conferences, workshops, seminars, etc.
up to 5 points/activity (maximum 20 points)
- Playing an active role in social events up to 5 points/activity (maximum 10 points)
- Initiation of new programmes/activities up to 5 points/activity (maximum 20 points)
- Any other outstanding contribution to the welfare of the Institute on totally honorary basis
maximum 50 points

Other Requirements

1. Nomination should be made by a Corporate Member of the Institute on or before **28th Feb. 2024**, and the nomination should include the consent of the nominee.
2. Nominee shall not be a member or a close relative of a member of the Awards Committee.
3. Nomination shall not be considered if the documents submitted do not conform to the guidelines provided.
4. An outline, not exceeding 2000 words, describing the contribution with reference to the activities stated above should be submitted along with the nomination.
5. A minimum of 75 marks should be received to qualify for the award. However, the selection committee comprising three past Presidents shall decide on the suitability of the nominee for the award.

Other awards presented by Institute of Chemistry Ceylon

1. Dr. C L de Silva Gold Medal Award
2. Devanathan Memorial Award
3. Chandrasena Memorial Award
4. Kandiah Memorial Awards
5. Ramakrishna Memorial Award
6. Professor M U S Sultanbawa Award for Research in Chemistry (See page 09)

Common criteria for awards 1-5

1. (a) Applications and nominations are invited on the prescribed form (**Form C**) available at the Institute or downloaded from the website (www.ichemc.edu.lk) for the above awards to reach the Hony. Secretary of the Institute of Chemistry Ceylon on or before **28th Feb 2024**.
(b) Applicants/nominees should be individuals working in higher educational institutions (including the Institute of Chemistry Ceylon), research institutions (including recognized private research laboratories), who are members of the Institute of Chemistry Ceylon. (M.I.Chem.C and neither A.I.Chem.C. nor L.I.Chem.C.).
(c) Applications and nominations shall be entertained only on an individual basis. In the case of joint work, those involved in such work could apply on an individual basis, stating the degree of the individual's contribution.
2. In the case of Kandiah Memorial Awards, the work presented for the award should have been carried out within five years of the closing date for applications and/or nominations for the award. In the case of those who registered for postgraduate degree by course work, the degree should have been awarded when the application/nomination is made.
3. Awards will, however, not be made if the work submitted is not of suitable standard.
4. Application/Nomination from a member or a close relative of a member of the Awards Committee shall not be considered.
5. Application/Nomination shall not be considered if the documents submitted do not conform to the guidelines provided.
6. These awards shall be presented at the Annual Sessions of the Institute of Chemistry Ceylon. Work previously presented and recognized for any award shall not be taken into account unless further work has been carried out to a significant extent.
7. The recipient of each award shall be invited to deliver the respective Award Lecture on the work submitted, at the Annual Sessions of the Institute.
8. The applications and nominations should be accompanied by the following:
Annexure I. Three copies of Curriculum Vitae (CV) not inclusive of the list of publications/communications/patents/textbooks, etc. CV should not exceed three pages.

Annexure II. Three copies of an outline (not exceeding 2000 words) describing the contribution.

Annexure III. Three copies of the list of publications, patents, communications and other scholarly work. Follow the format given below in providing the list of the above:

A.B.C. Perera, C.D. Leaves and P.C. Root, *J. Electroanal.Chem.*, **256** (2022) 134 -139.

Annexure IV. One copy of relevant material listed in Annexure III above (e.g. copies of complete publications, patents, etc.). The DOI or link to each of the documents on ResearchGate or Google Scholar is also needed.

Annexure V. A certificate from the Head of the Institution or University or Department to certify that the work has been carried out by the applicant/nominee at that institution.

Annexure VI. A copy of a recent passport size photograph.

Annexure VII. Three copies of an abstract (not exceeding 500 words of the proposed award lecture, duly signed by the applicant or nominee).

9. No application/nomination should be made in respect of any work for more than one award.
10. The medium of communication shall be English.
11. The decision of the Council on all matters pertaining to the awards shall be final.

Dr. C L de Silva Gold Medal Award

This prestigious award is for **outstanding research contribution** in any branch of Chemical Sciences and/or the use of such research for National Development during the last five (5) years in Sri Lanka.

Sandwich programmes carried out particularly abroad do not qualify for the award. However, less than 20% of the research findings from work which could not have been carried out in Sri Lanka due to non-availability of facilities may be considered. Credit will be given for the utilization of local raw materials, and where the contribution has already resulted in

- (i) publications in Citation Indexed Journals and/or
- (ii) registering a Patent or
- (iii) where the contribution has already resulted in a positive impact in the development and innovation in the industry. Category (iii) requires the submission of documentary evidence.

This prestigious award shall comprise a Gold-plated Medal and a sum of Rs 50,000/-

The recipient of the award shall be invited to deliver the “C L de Silva Gold Medal Award Lecture” at the Institute’s Annual Sessions.

Marking scheme:

- | | |
|--|---|
| 1. Research publications in SCI/SCIE journals | |
| | up to 5 points/publication (no maximum limit) |
| Research publications in other peer-reviewed journals | |
| | up to 2 marks (no maximum limit) |
| 2. Patents | |
| International | up to 10 points/patent (maximum 30 points) |
| Local | up to 5 points/patent (maximum 20 points) |
| 3. Impact/Potential impact on the development and innovation in the industry (based on the write-up) | |
| | up to 25 points |
| 4. H index | (0.5 x h index) points |

- Note:
- 1. For publications and patents which include multiple authors, marks will be allocated based on the applicant’s contribution stated in the application.
 - 2. Research publications in SCI/SCIE and other peer reviewed journals should be categorized accordingly.

Important: The minimum requirement for eligibility of the award shall be **60 marks**.

Devanathan Memorial Award

Dr. M A V Devanathan, the doyen of Physical Chemistry in Sri Lanka is one of the greatest and internationally renowned chemists. His name is associated with the Triple Layer Theory in Electrochemistry which is called Devanathan's Triple Layer theory.

This award is made annually to commemorate the commendable contributions and devoted services of Dr. Devanathan to the international community, the nation and the professional body of chemists in Sri Lanka.

The award is for exceptional research contribution of **original nature** in the field of Physical Chemistry and or related areas, such as Physical-Analytical, Physical-Inorganic, Physical-Organic and Biophysical Chemistry.

The award comprises a Silver Medal and a sum of Rs.25,000/-. The recipient of the award shall be invited to deliver the "Devanathan Memorial Award Lecture" at the Institute's Annual Sessions.

Marking scheme:

1. Research publications in SCI/SCIE journals
up to 5 points/publication (no maximum limit)
Research publications in other peer-reviewed journals³
up to 2 marks (no maximum limit)
2. Patents
International up to 10 points/patent (maximum 30 points)
Local up to 5 points/patent (maximum 20 points)
3. H index
(0.5 x h index) points

- Note:
1. For publications and patents which include multiple authors, marks will be allocated based on the applicant's contribution stated in the application.
 2. Only publications/patents/research contribution in the field of Physical/Physical-analytical/Physical-inorganic/Physical-organic/Biophysical Chemistry shall be considered for the award.
 3. Research publications in SCI/SCIE and other peer reviewed journals should be categorized accordingly.

Important: The minimum requirement for eligibility of the award shall be **50 marks**.

Chandrasena Memorial Award

This award is made annually to commemorate Prof. J P C Chandrasena who was the first Sri Lankan to hold the Chair of Chemistry at the University of Ceylon. Prof. Chandrasena excelled in the field of Organic Chemistry & Pharmacology.

The award is for exceptional research contribution of **original nature** in the field of Organic Chemistry and/or related areas, such as Biochemistry, Pharmacognosy, Molecular Biology and Bioactivity studies.

The award comprises a Silver Medal and a sum of Rs.25,000/-. The recipient of the award shall be invited to deliver the "Chandrasena Memorial Award Lecture" at the Institute's Annual Sessions.

Marking scheme:

- | | | |
|---|---|---|
| 1. Research publications in SCI/SCIE journals | | up to 5 points/publication (no maximum limit) |
| | Research publications in other peer-reviewed journals | |
| | | up to 2 marks (no maximum limit) |
| 2. Patents | | |
| | International | up to 10 points/patent (maximum 30 points) |
| | Local | up to 5 points/patent (maximum 20 points) |
| 3. H index | | (0.5 x h index) points |

- Note:
1. For publications and patents which include multiple authors, marks will be allocated based on the applicant's contribution stated in the application.
 2. Only publications/patents/research contribution in the field of Organic Chemistry/Biochemistry/Pharmacognosy/Molecular Biology/Bioactivity studies shall be considered for the award.
 3. Research publications in SCI/SCIE and other peer reviewed journals should be categorized accordingly.

Important: The minimum requirement for eligibility of the award shall be **50 marks**.

Ramakrishna Memorial Award

This award, introduced in 2016, is made annually to commemorate Prof. R S Ramakrishna, former Professor of Chemistry at the University of Ceylon in Colombo, who was a pioneering leader in the development of research in Inorganic & Analytical Chemistry. He developed the first M.Sc. Programme (Analytical Chemistry) in Sri Lanka. He served as the President of the Institute of Chemistry, Ceylon in 1978/79 during which period the very successful and popular Graduateship Programme in Chemistry was inaugurated.

The award is made for exceptional research contribution of **original nature** in the field of Inorganic and/or Analytical Chemistry and/or related areas, such as Bio-inorganic Chemistry or Bio-analytical Chemistry.

The award comprises a Silver Medal and a sum of Rs. 25,000/-. The recipient of the award shall be invited to deliver the "Ramakrishna Memorial Award Lecture" at the Institute's Annual Sessions.

Marking scheme:

1. Research publications in SCI/SCIE journals
up to 5 points/publication (no maximum limit)
Research publications in other peer-reviewed journals
up to 2 marks (no maximum limit)
2. Patents
International up to 10 points/patent (maximum 30 points)
Local up to 5 points/patent (maximum 20 points)
3. H index
(0.5 x h index) points

- Note:
1. For publications and patents which include multiple authors, marks will be allocated based on the applicant's contribution stated in the application.
 2. Only publications/patents/research contribution in the field of Inorganic Chemistry/Analytical Chemistry/Bio-inorganic Chemistry/Bio-analytical Chemistry shall be considered for the award.
 3. Research publications in SCI/SCIE and other peer reviewed journals should be categorized accordingly.

Important: The minimum requirement for eligibility of the award shall be **50 marks**.

Kandiah Memorial Awards

These awards are made for the best research contribution in Chemistry carried out by a student registered for a postgraduate degree by either course work and/or research at a Higher Educational Institute in Sri Lanka and for work carried out in Sri Lanka, with the exception of special analysis that cannot be done in the country. Such results should however be less than 20% of the findings of the work reported for the award. Sandwich programmes carried out partially abroad do not qualify for the award.

These awards are made annually to commemorate Prof. A Kandiah, the first President of the Chemical Society of Ceylon. Prof. Kandiah served the University of Ceylon from 1933 to 1951. He was the Professor of Chemistry at the University of Ceylon until he passed away.

There are three such awards. Each award shall comprise a Bronze Medal and a sum of Rs 15,000/-. The recipient of each award shall be invited to deliver the "Kandiah Memorial Award Lecture" at the Institute's Annual Sessions.

C 1 Kandiah Award for Basic Chemistry

This award shall be made annually for research predominately in basic Chemistry (Organic, Inorganic, Physical or Analytical).

C 2 Kandiah Award for Applied Chemistry

This award shall be made annually for research in Chemistry-related areas, such as polymer, food, biochemistry and biotechnology, where interdisciplinary research is involved, and provided that chemistry has a central role comprising at least 50% of the content.

C 3 Kandiah Memorial Graduateship Award

This award shall be made annually for the best piece of research in the Chemical Sciences carried out by a Graduate Chemist of the College of Chemical Sciences, Institute Chemistry Ceylon, registered at a Higher Educational Institute for a Postgraduate Degree.

Marking scheme:

- | | |
|---|---|
| 1. Research publications in SCI/SCIE journals | up to 5 points/publication (no maximum limit) |
| 2. Research publications in other journals | up to 2 points/publication (no maximum limit) |
| 3. Communications/Abstracts published | up to 1 point/abstract (no maximum limit) |
| 4. Patents | |
| International | up to 10 points/patent (no maximum limit) |
| Local | up to 5 points/patent (no maximum limit) |

Note: 1. For publications patents and abstracts, marks will be allocated based on the applicant's contribution stated in the application.

2. Research publications in SCI/SCIE and other peer reviewed journals should be categorized accordingly.

Professor M U S Sultanbawa Award for Research in Chemistry

This award is made from the Professor M U S Sultanbawa Felicitation Fund, which was established on the occasion of his 75th birthday to recognize the unique, distinguished and significant contribution made to the cause of Science, Chemistry, Education and Research in Sri Lanka by Vidya Jyothi Professor Mohamed Uvais Siddeek Sultanbawa.

The award shall comprise a certificate, Medal and a sum of Rs. 15,000/-.

Marking scheme:

Desk evaluation	50 marks
Presentation	50 marks

Criteria

1. This award shall be made annually for the best research paper presented at the Annual Sessions.
2. The award is open to citizens of Sri Lanka, who present research papers at the Annual Sessions, pertaining to work principally carried out and completed in Sri Lanka.

Those who wish to be considered for this award should make a formal application on the prescribed form (**Form D**) along with seven copies of the abstract and extended abstract to reach the Hony. Secretary, Institute of Chemistry, on or before **31st of March of 2024**. Failure to submit the extended abstract in the manner required shall *ipso facto* result in disqualification for consideration for the award.

If more than one author is presenting the paper, the prescribed form should be submitted by an author who is a Corporate Member of the Institute.

3. Application from a member or a close relative of a member of the Awards Committee shall not be considered.
4. Only those who obtain a minimum of 50% on the desk evaluation will be invited to make a presentation to be considered for the award.
5. The Selection Committee shall decide on the award, on the basis of the extended abstract submitted, the presentation made at the Annual Sessions, and the discussion subsequent to the presentation.
6. The formal presentation at the Annual Sessions can be made by any author who is a Corporate/Graduate member of the Institute. However, all the authors would be able to answer questions and get involved in the discussion subsequent to the presentation.
7. The award shall be presented at the Annual Sessions. Where there is more than one author for a paper, the award shall be made jointly, but presented to the Corporate Member who submits the prescribed form.
8. Work previously presented and recognized for any award in Sri Lanka or abroad shall not be eligible for consideration of this award.
9. The awardee shall submit the full text of the paper in the form of a manuscript suitable for publication in "Chemistry in Sri Lanka" on or before 15th December of 2024.
10. The medium of communication shall be English.
11. The decision of the Council on all matters pertaining to the award shall be final.