

Young Scientist Award of the Institute of Biology-Sri Lanka 2024

This award aims to recognize young biologists who excel in research and have contributed to the development of the field of Biology in Sri Lanka.

Eligibility criteria:

- Applicants must be below 40 years of age by the closing date of the applications.
- The applicants will be evaluated on their contribution to 5 areas: research, innovation, grants, leadership and other contributions to the field of Biology.
- Minimum marks should be obtained for the Sub-categories a and b of the Research and Publications section, and Contributions to the Development of Biology section.
- This is a lifetime award and award winners are not eligible to reapply.
- The applicant shall have the **full membership** of the IOBSL. **[If not currently a full member, the applicant can pre-apply for full membership before submitting the award application].**
- The applicant shall be affiliated to a Sri Lankan organization/ higher education institute/ research institute etc.

Application process:

The applicant must submit the following in support of their application.

- Curriculum Vitae
- A statement explaining the contributions to and achievements in the field of Biology with respect to the research, innovation, grants, leadership and other contribution to Biology.
- The applicant should indicate the marks claimed for each component of the marking scheme.
- A self-evaluation indicating the marks claimed for each contribution and achievement.
- A brief description (maximum 250 words) on the best five contributions/ and/or achievements indicating why those are considered as the best.
- Higher education certificates (i.e.: undergraduate and postgraduate) and supporting documents for each claim.
- A copy of the birth certificate.

Evaluation process:

- Completed submissions will be evaluated by an independent panel of judges.
- The Awards Committee should judge the eligibility of the applicant paying attention to the age and the field.
- Marks shall not be given to the contributions/achievements submitted without supporting documents.
- Members of the Council of the Institute of Biology or the Awards Committee shall not be the members of the judging panel.
- The name of the recipient recommended by the judging panel should be approved by the Council of the Institute of Biology.
- The decision of the Council of the Institute of Biology shall be the final.
- The recipient of the Award will be recognized at the inauguration ceremony of the Institute of Biology Sri Lanka.

Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
1. RESEARCH AND PUBLICATIONS			
Sub-category a: Publications Minimum marks for this category: 40 points			
(i) Publications in Indexed journals SJR impact index journals <u>Publications in Q1 journals</u> a) Single author b) As the first or corresponding author c) Other authors	06 points per publication 05 points each 03 points each		
<u>Publications in Q2/Q3 journals</u> a) Single author b) As the first/corresponding author c) Other authors	05 points per publication 04 points each 2.5 points each		
<u>Publications in other Web of Science Journals (except the journals claimed above i.e: ESCI and additional web of science indexes)</u> a) Single author b) As the first or corresponding author c) Other authors	04 points per publication 03 points each 1.5 points each		
<u>Publications in other indexed journals</u> a) Single author b) As the first or corresponding author c) Other authors	03 points per publication 02 points each 01 points each		
(ii) Publications in other peer-reviewed journals a) Single author b) As the first or corresponding author c) Other authors	01 point per publication 0.5 points each 0.25 points each		
(iii) Citation of applicant's work in refereed indexed journals and scholarly publications (excluding self-citations)	0.5 points per citation 02 points per paper Maximum of 10 marks for this category		
Sub-category b. Presentations at conferences / professional meetings etc. organized by universities, research institutions and professional associations/institutions. Minimum marks for this category – 10 marks			
International (overseas) meetings (i) Oral/ presentation (proof should be provided that the abstracts were presented and not merely submitted to the conference.)	01 point each for the presenting or corresponding author 0.5 points each for any other author		
(ii) Poster presentation (proof should be provided that the abstracts were presented and not	01 point each for the presenting or corresponding author		

merely submitted to the conference)	0.5 point each for any other author		
(iii) Published as a full paper	1.5 points each for the presenting or corresponding author 0.75 points each for any other author		
National meetings (i) Oral/ platform presentation (proof should be provided that the abstracts were actually presented and not merely submitted to the conference)	0.5 points each for the presenting or corresponding author 0.5 points each for any other author		
(ii) Poster presentation (proof should be provided that the abstracts were actually presented and not merely submitted to the conference)	0.5 points each for the presenting or corresponding author 0.25 points each for any other author		
(iii) Published as a full paper	01 point each for the presenting or corresponding author 0.5 points each for any other author		
Sub-category c. Books, book chapters, translations, science popularization No minimum marks for this category			
Chapters in books published by			
(i) Reputed publishers*	02 points each		
(ii) Recognized scientific, academic or professional associations/ institutes*	01 point each		
Books and/or textbooks published in the area of expertise by			
(i) Recognized publishers**	04 points each		
(ii) Self-publication**	01 points each		
Translation of monographs/ books**	02 points each		
Science popularization through print and electronic media***	0.5 point per article up to 10 points		
Sub-category d. Editing role in journals No minimum marks for this category			
Editor-in-Chief in web of science indexed journals.	04 points per year per journal		

Associate editor/ editor of a special issue in web of science journals	03 points per year per journal		
Member of editorial board of web of science journals	02 points per year per journal		
Editor-in-Chief of a other refereed journal	02 points per year per journal		
Member of editorial board of other refereed journals	01 point per year per journal		
Reviewer for a web of science journals	01 point per journal		
Sub-category e: Events relevant to biology/life sciences (e.g. Orations and keynote addresses) No minimum marks for this category			
Documented events such as orations and keynote addresses	02 points each for international conferences 01 point each for national conferences		
Sub-category f: Awards for research/research supervision/presentations No minimum marks for this category			
(i) Recognized international awards for research	04 points each		
(ii) Recognized national awards for research	03 points each		
(iii) Institutional awards for research	01 point each		
Sub-category g: Research Supervision No minimum marks for this category			
Number of graduate students supervised and graduated (The main supervisor is given 100% and the co-supervisor 50% of the marks allocated)	03 points per PhD 02 points per MPhil or Masters by research of 2 or more years duration 01 point per Masters of 2 year duration with a course work and <i>one year research</i> component 0.5 points per Masters of 1-2 years duration with a course work and <i>less than one year research</i> component		

Sub-category h: Collaborations No minimum marks for this category			
National (from a department other than the applicant's department) or foreign collaborations by publications	01 point each		
National or foreign collaborations by grants as an investigator	01 point each		
National or foreign collaborations by research/ projects/linked-programmes (evidence must be provided in the form of MoU or a letter from the collaborators)	02 points each		
Any other Marks will be given at the discretion of the judging panel	Maximum of 02 points each		

- *Name of the publisher/Institute, Address, ISBN number of the book and other credentials are required
- ** Name of the publisher/Institute/Affiliation, Address, ISBN number of the book and license number of the book issued by the ministry of education are required
- ***In regard to a creative product or service in science or allied field, a brief description on the creative nature of the item should be submitted along with documentary proof.

2 Innovations No minimum mark for this category			
Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
Concept recognized by a body (finals, award) published or demonstrated via a prototype	05 points each for international 03 points each for national		
National/international patents (awarded or granted)	07 points each for international 03 points each for national		
Commercialized(with licensee agreement) patents**	10 points each for international 06 points each for national		

**A brief description should be given on the number of implements / quantity of product produced and marketed, software developed and sold, type of biological or chemical process invented, and the impact on any particular sector, industry or community and contribution to regional/ national development.

3 Research or other Grants No minimum mark for this category			
Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
Funds received from international sources	<p>08 points per US\$ >15,000 or its equivalent as the principal investigator</p> <p>06 points per US\$ 15,000-10,000 or its equivalent as the principal investigator</p> <p>05 points per US\$ 10,000-5,000 or its equivalent as the principal investigator</p> <p>03 points per US\$ <5,000 or its equivalent as the principal investigator</p> <p>06 points per US\$ >15,000 or its equivalent as the co-investigator</p> <p>04 points per US\$ 15,000-10,000 or its equivalent as the co-investigator</p> <p>03 points per US\$ 10,000-5,000 or its equivalent as the co-investigator</p> <p>01 point per US\$ <5,000 or its equivalent as the co-investigator</p>		
Funds received from national sources, excluding state universities	<p>05 points per >Rs. 5million as the principal investigator</p> <p>02 points per < Rs. 5million as the principal investigator</p> <p>01 point per < Rs.1million as the principal investigator</p> <p>03 points per >Rs. 5million as the co- investigator</p> <p>01 point per < Rs. 5million as the co- investigator</p> <p>0.5 points per < Rs.1million as the co- investigator</p>		
Funds from institutional sources (including state universities)	<p>01 point per Rs. 500,000 as the principal investigator</p> <p>0.5 points per Rs.500,000 as a co-investigator</p> <p>* Marks will be allocated proportionally for grants receiving less than Rs.500,000</p>		

4 Leadership No minimum mark for this category			
Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
International Society	<p>05 points per role for the president, treasurer, secretary and other executive positions.</p> <p>02 points per role for other positions</p>		
National Society	<p>03 points per role for the president, treasurer, secretary and other executive positions</p> <p>01 point per role per year for other positions</p>		

5 Contributions to the Development of Biology Minimum marks for this category: 06 points			
Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
Resource person in seminars, webinars and workshops	<p>1 point per activity in an international event</p> <p>0.5 points per activity in a local event</p>		
Newspaper /newsletters /mass media/ feature articles / magazine articles, other publications relevant to field of Biology	1 point per article /activity		
Biology-based community service Implemented programs that impact the community (e.g.: recycling, re-purposing, reusing, conservation, sustainable use of natural products, natural replacements for synthetic products etc.)	1 point per activity		
Events organized including conferences, workshops, training programmes, symposia etc.****	1 point per activity		
Any other contribution	0.5 points per activity		

***A brief description on contribution to capacity building and institutional, regional/national development should be provided along with relevant supporting documents.

**** 50% of the total marks for an event calculated on the above basis is given to the Chairman of the Organizing Committee while a member of the organizing committee is given a part of the remaining 50% depending on the number of members in the organizing committee.