

Young Scientist Award of the Institute of Biology Sri Lanka - 2023

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.
- This is a lifetime award and previous winners are not eligible to reapply.

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 should be submitted.
- A brief description (maximum 250 words) on the best five contributions/ and/or achievements indicating why those are considered as the best should also be submitted.
- Supporting documents for each claim should be submitted.
- Certified copies of the birth certificate and higher education certificates (i.e: undergraduate and postgraduate).

Evaluation process:

- Completed submissions will be evaluated by an independent judging panel.
- 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 annual sessions of the Institute of Biology Sri Lanka.

Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
<p>1. Research and publications</p> <p>Only research conducted in Sri Lanka or during foreign training of less than 05 years will be considered.</p> <p>Minimum marks for this category - 25 points</p>			
<p>Sub-category a: Publications</p> <p>Minimum marks for this category: 40 points</p>			
<p>(i) Publications in Indexed journals (SCIE - Web of Science collection)</p> <p>a) As the first or corresponding author</p> <p>b) Other authors</p>	<p>8 points per publication</p> <p>5 points each</p> <p>3 points each</p>		
<p><i>According to the Scimago Journal ranking, additional 2 marks and 1 mark will be given for Q1 and Q2 journal categories, respectively.</i></p>			
<p><u>Publications in SCI indexed journals (except the journals claimed above i.e: ESCI and additional web of science core collection)</u></p> <p>a) as first or corresponding author</p> <p>c) Other authors</p>	<p>6 points per publication</p> <p>4 points each</p> <p>2 point each</p>		
<p><u>Publications in other index journals in addition to WoS indexes (i.e: PUBMED, SCOPUS, DOAJ etc.)</u></p> <p>a) as first or corresponding author</p> <p>b) Other authors</p>	<p>4 points per publication – more than 2 issue per year</p> <p>2.5 points per publication – less than 2 issue per year</p> <p>2 points each</p> <p>1 point each</p>		
<p>(ii) Publications in other refereed journal</p> <p>a) As first or corresponding author</p> <p>b) Other authors</p>	<p>2 points per publication</p> <p>1 point each</p> <p>0.5 point each</p>		

<p>(iii) Citation of applicant's work in refereed journals and scholarly publications (excluding self-citations)</p>	<p>0.5 points per citation 5 points per paper</p> <p><i>Maximum of 30 marks for this category</i></p>		
<p>(iv) Impact index of publications (excluding self-citations)</p>	<p>2 points for each paper cited more than 10 times</p>		
<p>Sub-category b. Presentations at conferences/ professional meetings etc. organized by universities, research institutions and professional associations/institutions.</p> <p>Minimum marks for this category – 10 marks</p>			
<p>International meetings</p>			
<p>(i) Oral/ presentation (proof should be provided that the abstracts were actually presented and not merely submitted to the conference.)</p>	<p>3 points each for the presenting or corresponding author 1 point each for any other author</p>		
<p>(ii) Poster presentation (proof should be provided that the abstracts were actually presented and not merely submitted to the conference)</p>	<p>2 points each for the presenting or corresponding author 1 point each for any other author</p>		
<p>(iii) Published as a full paper</p>	<p>2 points each for the presenting or corresponding author 1 point each for any other author</p>		
<p>National meetings</p>			
<p>(i) Oral/ platform presentation (proof should be provided that the abstracts were actually presented and not merely submitted to the conference)</p>	<p>1 point each for the presenting or corresponding author 0.5 point each for any other author</p>		
<p>(ii) Poster presentation (proof should be provided that the abstracts were actually presented and not merely submitted to the conference)</p>	<p>1 point each for the presenting or corresponding author 0.5 point each for any other author</p>		
<p>(iii) Published as a full paper</p>	<p>1 point each for the presenting or corresponding author 0.5 point each for any other author</p>		

Sub-category c. Books, book chapters, translations, science popularization No minimum marks for this category			
Chapters in books published by			
(i) reputed publishers	2 points each		
(ii) recognized scientific, academic or professional associations/institutes	1 point each		
Books and/or textbooks published in the area of expertise by			
(i) recognized publishers	6 points each		
(ii) self-publication	2 points each		
Translation of monographs/ books	3 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 WoS SCI indexed journals, or Scopus or MDPI journals	3 points per issue		
Associate editor/ editor of a special issue in WoS SCI indexed journals or Scopus or MDPI journals	2 points per issue		
Member of editorial board of SCI, Scopus or MDPI journals	1 point per issue up to a <i>maximum of 20 points</i>		
Editor-in-Chief of a other refereed journals	1 point per issue up to a <i>maximum of 10 points per journal</i>		
Member of editorial board of other refereed journals	0.5 point per issue up to a <i>maximum of 5 points per journal</i>		
Reviewer for a WoS, Scopus or MDPI indexed journals <i>(Acceptable correspondence with the journal is essential)</i>	1 point per journal		
Sub-category e: Orations and keynote addresses No minimum marks for this category			

Documented orations, keynote addresses etc.	3 points each for international conferences 1 point each for national conferences		
Sub-category f: Awards for research No minimum marks for this category			
(i) Recognized international awards for research	5 points each		
(ii) Recognized national awards for research	3 points each		
(iii) Institutional awards for research	1 point each		
Sub-category g: Awards for research 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)	3 points per PhD 2 points per MPhil or Masters by research of 2 or more years duration 1 point per Masters of 2 year duration with a course work and <i>one year research</i> component		
Sub-category h: Collaborations No minimum marks for this category			
Number of national (from a department other than the applicant's department) or foreign collaborations by publications	1 point each		
Number of national or foreign collaborations by grants as an investigator	1 point each		
Number of national or foreign collaborations by research projects (evidence must be provided in the form of MoU or a letter from the collaborators)	2 points each		
Any other Marks will be given at the discretion of the judging panel	Maximum of 2 points each		

*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 presented	3 points each for international 2 points each for national		
Concept recognized by a body (finals, award) published or demonstrated via a prototype	5 points each for international 3 points each for national		
National/ international patents	7 points each for international 5 points each for national		
Commercialized patents**	10 points each		

**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. The Highest Recipient of 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	4 points per US\$ 2,000 or its equivalent as the principal investigator 2 point per US\$ 2,000 or its equivalent as a co-investigator		
Funds received from national sources, excluding State universities	2 point per Rs. 500,000 as the principal investigator		

	1 point per Rs. 100,000 as a co-investigator		
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4. Leadership No minimum mark for this category			
Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
International Society	4 points per role per year for the president, treasurer, secretary and position of an advisory capacity 2 points per role per year for other positions		
National Society	3 points per role per year for the president, treasurer, secretary and position of an advisory capacity 1 point per role per year for other positions		
Institutional Society	2 point per role per year for the president, treasurer, secretary and advisor 0.5 mark per role per year for other positions		
Any other Marks will be given at the discretion of the judging panel			

5. Other contributions to Biology No minimum marks for this category			
Component	Marking scheme	Marks claimed by the applicant	Marks given by the evaluators
Resource person in seminars, webinars and workshops (Maximum 10 marks)	2 points per activity in an international events 1 point per activity in a local events		

Newspaper/ magazine articles, other publications in non-scientific forums (Maximum 10 marks)	1 point per article		
Biology based community service Implemented programs that impact the community (eg: recycling, re-purposing, reusing, conservation, sustainable use of natural products, natural replacements for synthetic products etc.)	Marks will be given at the discretion of the judging panel. Maximum 5 points per activity		
a. Events organized including conferences, workshops, training programmes, symposia etc.****	Marks will be given at the discretion of the judging panel. Maximum 5 points per activity		
Any other Marks will be given at the discretion of the judging panel			

***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.