

**GUIDELINES  
AND  
NOMINATION PROFORMA  
FOR  
SAMANTA CHANDRA SEKHAR AWARD**



**ODISHA BIGYAN ACADEMY**

**B/2, SAHEED NAGAR,  
BHUBANESWAR-751 007.**

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## **SAMANTA CHANDRA SEKHAR (SCS) AWARD FOR SCIENCE & TECHNOLOGY**

### **GUIDELINES :**

1. The Samanta Chandra Sekhar Award is the first award of its kind by the Science & Technology Department, Government of Odisha. The award is named as 'Samanta Chandra Sekhar Award' after the famous astronomer scientist of eminence of the State and will be given each year for outstanding research contribution in Science & Technology.
2. Maximum age limit of Scientists should be 60 (sixty) years by 31st December of that year preceding the year of award.
3. Three awards each of the value of Rs. 1,00,000/- (Rupees one lakh only), one in each of the following branches of science may be made every year with citation, certificate, shawl and silver medallion for notable and outstanding research contributions, provided the work has been carried out within the State of Odisha for at least 10 years preceding the year of award.
  - (i) Physical Sciences (Physics, Chemistry, Mathematics, Geology, Geophysics, Earth Science, Atmospheric Science, Oceanic Science etc)
  - (ii) Life Sciences (Botany, Zoology, Biotechnology, Bioinformatics, Medical Sciences, Veterinary Sciences, Pharmacy, Agriculture Sciences, Environmental Science, Horticulture, Fishery, Forestry and related Sciences)
  - (iii) Engineering & Technology including Computer Science
4. An additional award of the value Rs.1,00,000/- (Rupees one lakh only), shall be made every year with citation, certificate, shawl and silver medallion for notable and outstanding research contribution by Odia Scientists, working outside the State of Odisha, in any branch of Science/Technology as stated in Clause -3.
5. Persons to be eligible for consideration for this award:
  - a. Should be Odia by birth or domicile. (Attested copy of proof has to be enclosed).
  - b. Should have obtained Ph.D degree in relevant subject after obtaining post-graduate degree in the subject.
6. The award may be withheld by the Odisha Bigyan Academy in any year, if, in the opinion of the Expert Panel, no sufficiently meritorious candidate is found suitable in that year.
7. Funds for the awards shall be placed with the Odisha Bigyan Academy every year and the Odisha Bigyan Academy shall implement the award.
8. Odisha Bigyan Academy will invite nominations for the awards through notifications in newspapers, websites and magazines.

The nomination will be from any of the following:

- a. Heads of Research/academic Institutions of repute/National Laboratories/Universities inside/outside the State, in public or private sector recognized by the Government.
- b. Heads of P.G. Departments in the Universities and Principals of the Colleges inside/outside the State, recognized by the Government.
- c. Former Awardees of 'Biju Patnaik Award for Scientific Excellence' or 'Samanta Chandra Sekhar Award'.
- d. Fellow of any one of the three National Academies i.e. INSA, IASc, NASc.

9. Nominations shall be invited in the approved format (Annexure-I/Annexure-II).
10. (a) Two hard copies and one soft copy (in PDF format in a CD/DVD/PenDrive) of nomination in prescribed format duly filled in, along with other relevant documents, should be forwarded to the office of the Odisha Bigyan Academy.
- (b) Each nominator should provide a complete list of Publications in standard refereed journals of the nominee. A list of best 10 papers of the nominee along with reprints (both hard copies as well as soft copies in PDF format) must be enclosed mentioning the impact factor of each such journal.

### **Selection Procedure :**

11. (a) All nominations will be scrutinized by the Award Advisory Committee of the Odisha Bigyan Academy.
- (b) Nominator should attach the evaluation report of at least two referees/reviewers of the concerned subject in the prescribed proforma (Annexure-III) (in sealed cover) along with nomination.
- (c) Three Expert Panels, one for each of the three branches of science, shall be constituted by the Odisha Bigyan Academy for consideration of the nominations received.
- (d) The nominations of Scientists working inside the State relating to each of the three branches of science would be placed before the concerned Expert Panel. Each Expert Panel should include at least one expert from each of the disciplines from which nominations are received. The members of the panel should not have been connected with the concerned nominees. Each panel shall have a Chairperson to be nominated by the President of the Academy.
- (e) Each panel should recommend one name only in each of the branches as defined in Clause-3, if found suitable for the award.
12. Nominations in respect of Odia Scientists working outside the State of Odisha in any of the three branches of Science/Technology, as defined in Clause - 3, shall be placed before the concerned Expert Panels, as defined above. Each Expert Panel shall recommend only one name for the award, if found suitable. The recommendations of the three Expert Panels recommending the name of one scientist from each branch shall then be placed before a committee comprising the chairpersons of the three Expert Panels for fresh evaluation and to finally recommend one name, for the award each year.
13. The Executive Council of the Odisha Bigyan Academy shall finally approve the awards based on the recommendations of the Expert Panels.
14. A person can avail the 'Samanta Chandra Sekhar Award' once in his/her life time.
15. Efforts will be made to announce the awards on the Foundation Day of the Odisha Bigyan Academy i.e. 1st April every year.
16. The presentation of the awards will be made on a day to be decided by the Science and Technology Department, Government of Odisha.
17. Efforts will be made to request the Samanta Chandra Sekhar Award winners to deliver lecture based on their contributions to Science & Technology, preferably at institutions(s) other than their place of work. These lectures are to be designated as 'The Samanta Chandra Sekhar Lectures'. Funds for organizing lectures shall be provided by the Odisha Bigyan Academy.
18. The nomination will be summarily rejected if any submitted information is incomplete or found wrong.
19. President/Vice-President/Secretary/Joint Secretary/Treasurer and members of the Executive Council of the Odisha Bigyan Academy shall not be eligible for nomination to the Samanta Chandra Sekhar Award during their tenures of office.

**ODISHA BIGYAN ACADEMY**  
**PROFORMA FOR NOMINATION**  
**SAMANTA CHANDRA SEKHAR AWARD**

(For Scientists working within the State of Odisha)

(Two copies to be forwarded along with two passport size photographs)

1.	Award Year	:	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>		
2.	Branch under which to be considered (Write PS for Physical Sciences, LS for Life Sciences, ET for Engineering & Technology)	:	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> Subject <input style="width: 150px; height: 20px;" type="text"/>		
3.	(a) Name in full (Block Letters)	:	<input style="width: 100%; height: 100%;" type="text"/>		
	(b) Designation	:	<input style="width: 100%; height: 100%;" type="text"/>		
4.	(a) Present Address	:	<input style="width: 100%; height: 100%;" type="text"/>		
			PIN :		
	Telephone (O)		<input style="width: 100px; height: 20px;" type="text"/>	(Res.) <input style="width: 100px; height: 20px;" type="text"/>	
	Mobile		<input style="width: 100%; height: 20px;" type="text"/>		
	E-mail		<input style="width: 100%; height: 20px;" type="text"/>		
	(b) Permanent Address	:	<input style="width: 100%; height: 100%;" type="text"/>		
			PIN :		
	Telephone (O)		<input style="width: 100px; height: 20px;" type="text"/>	(Res.) <input style="width: 100px; height: 20px;" type="text"/>	
5.	Date of Birth	:	Date	Month	Year
			<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>

## 6. Place of Birth

- (a) Place :
- (b) Sub-Division/District :
- (c) State :

## 7. As an Odia, please specify with details

- (a) By Birth :
- (b) By Domicile :

## 8. Academic Qualification :

Qualification	Board/Council/ University	Year of Passing	Major subject offered
HSC			
Higher Secondary			
Graduation			
Post-Graduation			
M. Phil.			
Ph. D.			
Post-Doctorate			

## 9. (i) Research Experience

- (a) Years of Research Experience :
- (b) Fields of Specialization :
- (c) Applied / Basic :
- (ii) Institution(s) worked/served with address :

(Starting after award of Ph.D. Degree)

	Period (Years)							
	From				To			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- (iii) a. List of Research Publications in standard referred journals of the nominee must be in the said format: Name(s), Year, Title, Journal, Volume/No., Page Numbers (Abstracts, summaries, papers communicated and publications in e-journals should not be included). Please attach additional sheet, if required..
- b. List of 10 best publications during last 10 years preceding the award year mentioning impact factors of each such Journal and reprints of the papers (both hard and soft copies in PDF format) should be enclosed.
- c. List of full papers published in Seminar/Conference proceedings and book chapter in the same format as in 'a' above should be enclosed
- d. Total time spent outside Odisha during last 10 years preceding the award year:

\_\_\_\_\_ Year(s) \_\_\_\_\_ Month(s) \_\_\_\_\_ Day(s)

10. Awards/Recognitions, if any, already received :  
with details and year of the award.
11. Whether conferred with 'Samanta Chandra  
Sekhar Award' earlier ?  
If yes, please mention the year :
12. Research contributions for consideration :  
of the Samanta Chandra Sekhar Award  
for the concerned award year
- (a)\* A detailed assessment report of the nominee :  
by Nominator specifying significant research  
contributions during ten years preceding the  
Award Year. (not exceeding 500 words)  
Attach additional sheet, if required
- (b) Institution / Place where the work :  
was undertaken. (Work done within  
the State will be considered)
13. Name, designation & address of two referees/reviewers be given

(i)

Telephone (O)	(Res.)
Mobile No.	E-mail

(ii)

Telephone (O)	(Res.)
Mobile No.	E-mail

(Attach the Evaluation Report in the prescribed proforma (in sealed cover) of the above two Referees/ Reviewers of the concerned subject along with nomination)

14. Whether any adverse report is pending : Yes/No  
 against the nominee in public life ?  
 If yes, please mention the details.  
 (Please attach additional sheets if required)
16. Certified that information given in the above proforma is correct.

**Signature of the Nominator**

**Full name, designation, address, contact number and official seal  
 (In case of Nominator who is not in service, his/her full name  
 and address must be provided below his/her signature)**

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**Check List :**

1. Duly filled proforma (original + 1 copy) with all supporting documents and reprint of 10 best papers.
2. A CD/DVD/PenDrive containing :
  - (i) Digital Photograph ( preferably in JPEG format)
  - (ii) Soft copy of duly filled proforma with all supporting documents in PDF format
  - (iii) Soft copy of 10 best publications/reprints in PDF format
- 3.\* The detailed assessment report of the nominee by nominator must contain contribution/achievements in the six attributes.
  - (i) Research & Development, including innovation
  - (ii) Publication of research work in peer-reviewed Journals
  - (iii) Societal Relevance/Impact
  - (iv) Awards/Recognition in Scientific Societies/Scientific Community in relevant area of R&D
  - (v) Application : R&D use in Govt. Organisation/IPR/ Patent/Technology Commercialisation
  - (vi) Human Resource Development: Ph.D guided/book publications/ Contributions for popularisation of Science & Technology.



**ODISHA BIGYAN ACADEMY**  
**PROFORMA FOR NOMINATION**  
**SAMANTA CHANDRA SEKHAR AWARD**  
 (For Odia Scientists working outside the State)

(Two copies to be forwarded along with two passport size photographs)

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			PIN :		
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	Mobile		<input style="width: 100%; height: 20px;" type="text"/>		
	E-mail		<input style="width: 100%; height: 20px;" type="text"/>		
	(b) Permanent Address	:	<input style="width: 100%; height: 100%;" type="text"/>		
			PIN :		
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5.	Date of Birth	:	Date	Month	Year
			<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>

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M. Phil.			
Ph. D.			
Post-Doctorate			

9. (i) Research Experience
- (a) Years of Research Experience :
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- (c) Applied / Basic :
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(Starting after award of Ph.D. degree)

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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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with details and year of the award.

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If yes, please mention the year :

12. Research contributions for consideration :  
of the Samanta Chandra Sekhar Award  
for the concerned award year

(a)\* A detailed assessment report of the nominee :  
by Nominator specifying significant research  
contributions during ten years preceding the  
Award Year. (not exceeding 500 words)  
Attach additional sheet, if required

(b) Period during which the work was carried out :

(c) Institution/ Place where the work :  
was undertaken. (Work done outside  
the State will be considered)

13. Name, designation & address of two referees/reviewers be given

(i)

Telephone (O)	(Res.)
Mobile No.	E-mail

(ii)

Telephone (O)	(Res.)
Mobile No.	E-mail

(Attach the Evaluation Report in the prescribed proforma (in sealed cover) of the above two Referees/ Reviewers of the concerned subject along with nomination)

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against the nominee in public life ?  
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(Please attach additional sheets, if required)
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**Signature of the Nominator**

**Full name, designation, address, contact number and official seal  
(In case of Nominator who is not in service, his/her full name  
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  - (iii) Soft copy of 10 best publications/reprints in PDF format
- 3.\* The detailed assessment report of the nominee by nominator must contain contribution/achievements in the six attributes.
  - (i) Research & Development, including innovation
  - (ii) Publication of research work in peer-reviewed Journals
  - (iii) Societal Relevance/Impact
  - (iv) Awards/Recognition in Scientific Societies/Scientific Community in relevant area of R&D
  - (v) Application : R&D use in Govt. Organisation/IPR/ Patent/Technology Commercialisation
  - (vi) Human Resource Development: Ph.D guided/book publications/ Contributions for popularisation of Science & Technology.

**ANNEXURE-III**  
**PROFORMA**

**EVALUATION REPORT**

**(To be submitted in sealed cover by the reviewer / referees)**

**Name of Award :**

**Name of Candidate :**

**Area of Specialization :**

<b>Attributes</b>	<b>Outstanding</b>	<b>Excellent</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>
<b>Research &amp; Development, including innovation</b>					
<b>Publication of research work in peer-reviewed Journals</b>					
<b>Societal Relevance/Impact</b>					
<b>Awards/Recognition in Scientific Societies/Scientific Community in relevant area of R&amp;D</b>					
<b>Application : R &amp; D use in Govt. Organization/IPR/Patent/Technology Commercialization</b>					
<b>Human Resource Development : Ph.D. guided/book publications/Contributions for popularization of Science &amp; Tech.</b>					

**Any Other Relevant Information/Overall comment/Remark by Reviewer is to be submitted in a separate sheet within 500 words.**

**Full Signature of the Reviewer / Referees**