

**GUIDELINES
AND
NOMINATION PROFORMA
FOR
BIJU PATNAIK AWARD FOR SCIENTIFIC EXCELLENCE**



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BIJU PATNAIK AWARD FOR SCIENTIFIC EXCELLENCE

Guidelines :

1. A. The Biju Patnaik Award for Scientific Excellence is the first award of its kind by the Science & Technology Department, Government of Odisha. The award is named as 'BIJU PATNAIK AWARD FOR SCIENTIFIC EXCELLENCE' after the great visionary Biju Patnaik, an illustrious son of the soil. It will be awarded to an Odia Scientist working any where in India and abroad each year for lifetime outstanding research contributions in the field of Science & Technology, through the Odisha Bigyan Academy.
- B. Minimum age limit of Scientists should be 60 (sixty) years by 31st December of that year preceding the year of Award.
- C. Branch under the following broad areas :
 1. Physical Sciences (PS) : Physics, Chemistry, Mathematics, Geology, Geophysics, Earth Science, Atmospheric Science and Oceanic Science.
 2. Life Sciences (LS) : Botany, Zoology, Biotechnology, Environmental Science, Bioinformatics, Life Science, Agriculture Science, Horticulture, Fishery, Forestry and related sciences.
 3. Medical Sciences (MS) including Veterinary Sciences and Pharmacy.
 4. Engineering & Technology (ET) including Computer Science.
2. The award comprises a cash prize of Rs. 2,00,000/- (Rupees two lakh only) with citation, certificate, shawl and gold coated silver medallion.

Eligibility Criteria :

3. Persons to be eligible for this award:
 - a. Should be Odia by birth or domiciled in Odisha since birth (Attested copy of proof has to be enclosed).
 - b. Should have a minimum Ph.D degree after obtaining post-graduate degree in the subject.

Modalities :

4. Funds for the awards shall be placed with the Odisha Bigyan Academy every year and the Odisha Bigyan Academy shall implement the award.
5. The Odisha Bigyan Academy will invite nominations for the awards through notifications in newspapers, magazines and websites.

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 recognised by the Government.
- c. Former Awardees of 'Biju Patnaik Award for Scientific Excellence'.
- d. Fellow of any of the three National Academies i.e. INSA, IASc, NASc.

6. (a) Nominations for this Award shall be submitted in the approved format.
- (b) Each year fresh nomination to be invited. Once nominations for the said Award Year are invited the past years nominations shall be invalid.
7. (a) Two hard copies and one soft copy (in PDF format in a CD) 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) mentioning impact factor of each Journal must be enclosed.
- (c) Each nominator shall provide a critical assessment report of about 1000 words highlighting the contribution of the nominee under the following six attributes along with nomination.
 - (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 & Tech.
- (d) Each nominator shall enclose the evaluation report of two reviewers/referees in prescribed proforma (Annexure-I) in sealed covers separately.

Selection Procedure :

8. All nominations will be scrutinized by Award Advisory Committee of the Odisha Bigyan Academy.
9. A panel of Experts comprising minimum 8 members with at least one expert from the major subjects/ branches from which nominations have been received shall be constituted by the Odisha Bigyan Academy. The members of the panels should not have been connected with the nominee/ nominator. The panel shall have a chairperson to be nominated by the President of the Academy.
10. The recommendations of the Expert Panel shall be submitted with a brief justification thereof in a sealed cover. The Expert Panel shall recommend for one name only. Award will be of Rs. 2.00 lakh with citation, certificate, shawl and gold coated silver medallion. 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.
11. The Executive Council of the Odisha Bigyan Academy shall finally approve the Award, based on the recommendations of the Expert Panel.
12. A person can avail 'Biju Patnaik Award for Scientific Excellence' once in his/her lifetime. Efforts will be made to announce the award on the Foundation Day of the Odisha Bigyan Academy i.e. 1st April every year.
13. The presentation of the award will be made on a day to be decided by the Science and Technology Department, Government of Odisha.
14. Efforts will be made to request the 'Biju Patnaik Award for Scientific Excellence' award winner to deliver lecture, based on their contributions to Science & Technology at different institutions of Odisha. Funds for organizing the lecture shall be provided by the Odisha Bigyan Academy.
15. The nomination will be summarily rejected, if submitted information is incomplete or found wrong.
16. President/Vice-President/Secretary/Joint Secretary/Treasurer and members of the Executive Council of the Odisha Bigyan Academy shall not be eligible to be nominated for 'Biju Patnaik Award for Scientific Excellence' during their tenures of office.

6. (a) Father's Name

(b) Mother's Name

7. Place of Birth

(a) Place :

(b) Sub-Division/District

(c) State

8. As an Odia, please specify with details

(a) By Birth

(b) By Domicile

9. Academic Qualification :

Qualification	University/ Institution	Year of Passing	Major subject offered
Graduation			
Post-Graduation			
M. Phil.			
Ph.D.			
Post-Doctorate			

10. (i) Research Experience :

(a) Years of Research Experience :

(b) Field of Specialization(s) :

(c) Applied / Basic :

(ii) Institution(s) worked/served
(Starting after award of Ph.D. degree)

Period (Years)
From To

- (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 most significant papers of the nominee with reprints (both hard and soft copies in PDF format) mentioning the impact factors of the Journal should be enclosed.
- c. List of full papers published in Seminar/Conference proceedings or book chapter in the same format as in 'a' above should be enclosed.

11. Awards/Recognitions, if any, already received with details and year of the award.

12. Research contributions for consideration of 'Biju Patnaik Award for Scientific Excellence' :

A detailed critical assessment report (Guidelines 7 C) on significant research contributions of the nominee by the nominator highlighting importance of such research to Science & Technology (not exceeding 1000 words). (Attach additional sheet).

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

(i)

Contact No.

E-mail

(ii)

Contact No.

E-mail

(Attach the Evaluation Report in the prescribed proforma of Two Referees/Reviewers of the concerned subject in sealed cover)

14. Whether any adverse report is pending against the nominee in public life ? Yes / No
If yes, please mention the details,
(Please attach additional sheets, if required).

15. 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)**

Check List :

1. Duly filled proforma (original + 1 copy) with all supporting documents and reprints of 10 best papers.
2. A CD/DVD 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

**ANNEXURE
PROFORMA**

EVALUATION REPORT

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

Name of Award :

Name of Candidate :

Area of Specialization :

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

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