

Government of Odisha
Science and Technology Department

No. 27552800182017/ 20 3671, ST Bhubaneswar, Dt. 13/ Jul-17

From

Prof. U.B. Mohapatra,
Director (Technical), Biotechnology

To

Head, State Portal Group,
I.T. Centre, State Secretariat,
Bhubaneswar

Subject: Advertisement in connection with invitation of applications through proper channel from eligible Principal Investigator (PI) / Co-PI /Coordinator of Academic and Research Institutes functioning in Odisha to carry out Collaborative and multi-institutional research in advanced areas of Applied Biotechnology for the year 2017-2018.

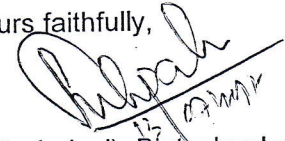
Sir,

In inviting a reference to the subject cited above, I am directed to enclose herewith an advertisement along with the guidelines both in hard & soft copy in connection with invitation of applications, through proper channel from eligible Principal Investigator (PI) / Co-PI /Coordinator of Academic and Research Institutes functioning in Odisha to carry out Collaborative and multi-institutional research in advanced areas of applied Biotechnology for the year 2017-2018, with request to upload the same in the Government of Odisha website and website of Science & Technology Department immediately for wide publication.

The sign 'new' (in red colour) should blink and that should be displayed in both the places of advertisement of the 'Home Page' of Government of Odisha website as well as Science & Technology Department.

Encl: As above

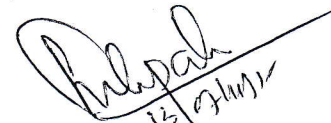
Yours faithfully,



Director (Technical), Biotechnology

Memo No. 3672 ST dated 14.07.17

Copy forwarded to Er. L.N. Padhi, Junior Scientist & Dy. Director (BT), Science & Technology Department for information. He is requested to kindly see that the link is also posted in Facebook and Twitter account of S&T Department.



Director (Technical), Biotechnology

GOVERNMENT OF ODISHA
SCIENCE & TECHNOLOGY DEPARTMENT

Advertisement

Collaborative and multi-institutional research in advanced areas of Applied
Biotechnology

No. 27552800182017/ 20 3669 /ST, Bhubaneswar, Dt. 14.07.17

Applications are invited through proper channel from eligible Principal Investigator (PI) / Co-PI /Coordinator of Academic and Research Institutes functioning in Odisha to carry out Collaborative and multi-institutional research in advanced areas of Applied Biotechnology for the year 2017-2018

Last date of submission of application: 31.08.2017. Application received after due date will not be entertained.

For detail advertisement, eligibility and mode of application log on to <http://www.odisha.gov.in> or [http://www. Odisha.gov.in/sciencetechnology](http://www.Odisha.gov.in/sciencetechnology).

For any query please contact Director (Technical) Biotechnology, Science & Technology Department, Government of Odisha(Phone-0674-2396460)
Email:director.bt@gmail.com


Director (Technical) Biotechnology

**GOVERNMENT OF ODISHA
SCIENCE AND TECHNOLOGY DEPARTMENT**

Letter No. 616⁽³⁹⁾ /ST, Bhubaneswar dated the 07-02-17
ST-(Bio)-05/2017

From

Er L N Padhi
Jr Scientist & Dy. Director (BT)

To All Principal Secretaries to Government/
All Commissioner-cum-Secretaries to Government/
All Secretaries to Government/
All Special Secretaries to Government.
(Except Parliamentary Affairs Department)

Sub: Operational Guidelines on Biotechnology Policy Resolution 2016

Madam/Sir,

In inviting a reference to the subject cited above, I am directed to enclose herewith the following operational guidelines on Biotechnology Policy Resolution 2016 for favour of kind information and necessary action.

1. Guidelines for Establishment of Centre of Excellence in Biotechnology
2. Guidelines for Biotechnology Enterprise & skill Development School (BESD)
3. Guidelines for Collaborative Research Project Grant in Advanced Areas of Applied Biotechnology
4. Guidelines for Promotional assistance under Biotechnology Policy Resolution-2016


The above four operational guidelines have been concurred in by Finance Department vide their UOR No-15-ES-III dated 06/02/2017.

Yours faithfully,


Jr Scientist & Dy. Director (BT)

Memo No. 617 /ST Dt: 07-02-17

Copy along with copies of the guidelines forwarded to Head, IT Portal, Secretariat, Govt. Of Odisha with a request to kindly upload the same in the website of Science & Technology Department for information of Public.


Jr Scientist & Dy. Director (BT)

(Contd..)

**GOVERNMENT OF ODISHA
SCIENCE AND TECHNOLOGY DEPARTMENT**

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Jr Scientist & Dy. Director (BT)

(Contd..)

Memo No. 618⁽²⁾ / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to Private Secretaries to Hon'ble Chief Ministers, Odisha/ Hon'ble Ministers Science & Technology, Odisha for favour of kind information of Hon'ble Chief Minister, Odisha/ Hon'ble Minister, Science & Technology.

R. K. Kothari
Jr Scientist & Dy. Director (BT)

Memo No. 619⁽⁴⁾ / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to Private Secretary to Chief Secretary/ Private Secretary to Development Commissioner-cum-Additional Chief Secretary/ Private Secretary to Agriculture Production Commissioner / Private Secretary to KBK Administrator for favour of kind information of the Chief Secretary/ Development Commissioner-cum-Additional Chief Secretary/ Agriculture Production Commissioner / KBK Administrator respectively.

R. K. Kothari
Jr Scientist & Dy. Director (BT)

Memo No. 620⁽⁷⁶⁾ / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to Principal Resident Commissioner, Govt of Odisha, Odisha Niwas, New Delhi-110021/ all RDCs/ Principal Accountant General (A&E), Bhubaneswar/ all Collectors /all Heads of Department for favour of kind information and necessary action.

R. K. Kothari
Jr Scientist & Dy. Director (BT)

Memo No. 621⁽¹³⁾ / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to all Vice Chancellors of Utkal University, Bhubaneswar/ Berhampur University, Berhampur/ Sambalpur University, Burla/ VSSUT, Burla/Fakir Mohan University, Balasore/ North Orissa University, Baripada/ Ravenshaw University, Cuttack/ OUAT, Bhubaneswar/ Central University, Koraput/ Ramadevi Women's University, Bhubaneswar/ GM Cluster University, Sambalpur/ Khallikote University, Berhampur/ Prinicpal, College of Engineering & Technology, Bhubaneswar for kind information and necessary action.

R. K. Kothari
Jr Scientist & Dy. Director (BT)

Memo No. 622⁽¹⁰⁾ / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to the Directors, Institute of Life Sciences (ILS), Bhubaneswar/ IIT, Bhubaneswar/ National Institute of Science Education & Research (NISER), Jatani, Bhubaneswar/ Indian Institute of Science Education & Research (IISER), Berhampur /NIT, Rourkela/ NRRI, Bidydharpur, Cuttack/ IIMT(formerly RRL), Bhubaneswar/ Central Tuber Crop Research Institute (CTCRI), Bhubaneswar/ RMRC, Bhubaneswar/ CIFA, Kausalyaganga, Bhubaneswar for kind information and necessary action.

R. K. Kothari
Jr Scientist & Dy. Director (BT)

Memo No. 623 / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to the P.S. to the Commissioner-cum-Secretary to Government, Science & Technology Department for kind information of the Commissioner-cum-Secretary.

R. K. Kothari
Jr Scientist & Dy. Director (BT)

Memo No. 624⁽¹⁸⁾ / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to all Agencies / all Sections / all Officers of Science and Technology Department for information and necessary action.


Jr Scientist & Dy. Director (BT)

Memo No. 625 / Dt: 07-02-17

Copy along with copies of the enclosures forwarded to Parliamentary Affairs Department, Govt. of Odisha for information and necessary action with reference to their Memo No.9592 dated 23/11/2016.


Jr Scientist & Dy. Director (BT)

Memo No. 626 / Dt: 07-02-17

05 copies to Guard File (Biotechnology Cell), Science and Technology Department for information and necessary action.


Jr Scientist & Dy. Director (BT)

Guidelines for Collaborative Research Project Grant in
Advanced Areas of Applied Biotechnology



Science & Technology Department
Government of Odisha
Bhubaneswar-751001

Guidelines for Collaborative Research Project Grant in

Advanced Areas of Applied Biotechnology

1. **Introduction:** The Science & Technology Department, Government of Odisha has been promoting higher education and Research & Development in Biotechnology. It is providing financial support to Universities and Research Institutes to carry out R&D projects. As part of the Biotechnology Policy Resolution, these initiatives would be expanded. The aim of the programme 'Collaborative Research Grant in Advanced Areas of Applied Biotechnology' is to encourage collaborative research to be carried out in the State with internationally acclaimed research groups of the country and abroad in advanced areas of applied Biotechnology.
2. **Objectives:** The main objectives of the Collaborative Research Grant in Advanced Areas of Applied Biotechnology are:
 - Application of Biotechnology for industrial use
 - Achievement of excellence in advanced areas of research in Biotechnology by networking and collaboration with other institutions of national and international repute
3. **Eligibility/Target Group:** The S&T Department, Odisha will provide financial support to Academic and Research Institutes functioning in Odisha to carry out collaborative and multi-institutional research in advanced areas of applied Biotechnology. The Principal Investigator (PI) /Co-PI/Coordinator can apply for support for research project if she/he has at least five years of service left before attaining superannuation.
4. **Funding:** Research grant up to Rs. 30 Lakh per annum per project will be available.
5. **Tenure:** The tenure of the project will be coterminous with the period of IPR, 2015.
6. **Advertisement inviting project proposals:**

The applications will be invited through advertisement in local newspapers and/or the website of the Department.
7. **Procedure of application:** The Principal Investigator (or the Project Coordinator in case of multi-institutional projects) may submit twelve (12) copies of project proposal/application, with a soft copy of the proposal on a CD in MS Word format. The applications must be submitted through proper channel. In case of multi-institutional projects, the consent of collaborative institutions is required.

8. **Nature of Assistance:** Normally, the quantum of assistance for a research project will be up to Rs. 30 lakhs per year which may include institutional overhead charges maximum up to 10%. The Department will provide financial support for the following items:

(A) **Non-Recurring Grant:**

- (i) Equipments: Only for the essential equipments required for the project but not available in the Institution.
- (ii) Books and Journals: essential books and journals required for the project.

(B) **Recurring Grant:**

- (i) Manpower-JRF/SRF (Qualifications and emoluments as per the UGC guidelines).
- (ii) Outsourcing Services- Specialized technical work such as sample analysis.
- (iii) Contingency.
- (iv) Chemicals and consumables.
- (v) Travel and field work for carrying out research / data / literature collection.

9. **Procedure for approval**

The proposals received, complete in all respect and duly forwarded by the Head of the Institution/Competent Authority will be assessed by the sub-committee on R & D in Biotechnology issued vide S&T Department Resolution No.3267 dated 14/08/2015. The applicants will be invited to give a presentation of their proposal. The final decision will be taken by the S&T Department on the basis of the recommendations made by the sub-committee on R&D and availability of funds.

10. **Evaluation and Monitoring**

- The Science & Technology Department, Government of Odisha will organize mid-term evaluation, interface meetings wherein the Principal Investigator/Project Coordinator will present the progress of the project before the sub-committee on R & D in Biotechnology. The progress of the project may also be evaluated on site.
- On completion of the project, the Principal Investigator/ Project Co-ordinator, is required to present the findings of the project before the Sub-committee on R & D in Biotechnology.

11. **Withdrawal of Support:** If, as a result of the periodic review conducted, it is found that the institution is not performing well, a three-month notice will be given to it for

improvement. After three months, if the S&T Department is satisfied (either by visiting the Institute or otherwise) that the Institute has not made much progress or has not shown results as per the action plan and research programme approved, then the support will be withdrawn. In such a case, either the institution may be asked to refund the financial assistance given to it under the scheme along with interest, or no further grant will be sanctioned in favour of the Institution or both.

12. Submission of Utilization Certificate and Expenditure Statement:

The Institute would furnish to the S&T Department the audited utilization certificate and expenditure statement duly signed by the Principal Investigator, the Head of the Finance wing and the Head of the Institute at the end of the each financial year as well as consolidated statement of expenditure at the end of the project.

13. General

- (i) In the absence of the Principal Investigator, the Co-Investigator may act as the Principal Investigator.
- (ii) In any research publication, from the outcome of the project, the funding agency must be acknowledged.
- (iii) The Project Fellow engaged in the Project may enrol for M.Phil./Ph.D. The data generated and the results obtained from the project may be incorporated by the Project Fellow in her/his thesis with the concurrence of the Principal Investigator.
- (iv) If the Principal Investigator/Project Coordinator fails to complete the project, she/he has to refund the entire amount sanctioned with interest.
- (v) The Department of Science & Technology reserves the right to reject any or all the research proposals without assigning any reasons thereof.

14. The fund allocation and expenditure under the scheme will be reviewed by the State Level Implementation Committee (SLIC).

APPLICATION FOR SUBMISSION OF RESEARCH AND DEVELOPMENT PROJECT

(Collaborative Research Project in Advanced Areas of Applied Biotechnology)

(I) GENERAL INFORMATION

1. Name and Address of the Institute/University submitting the project:
2. Collaborating Institute (s):
Address:
(No objection certificate of the Head of the collaborating Institute be attached)
3. Name, Designation, Address, E-mail, Contact Number of the Executive Authority of the Institute forwarding the application
4. Project Title
5. Specific Area:
6. Duration:-----
7. Total Cost (Rs.)----- (Not to exceed Rs. 30 Lakh/year)
8. Project Summary (Not to exceed one page. Please use separate sheet)
9. Name/Contact Information of the Principal Investigator
10. Name, Designation, Date of Birth/ Address, E-mail, Contact Number of PI/Co-PI

(II) TECHNICAL DETAILS OF PROJECT

11. Introduction (Indicate justification for carrying out this Research)
 - 11.1 Origin of the proposal
 - 11.2 Definition of the problem (in National context with special reference to the State)
 - 11.3 Objectives
12. Review of Current Status of research and development in the subject
 - 12.1 International Status
 - 12.2 National Status
 - 12.3 Importance of the proposed project in the context of current status
 - 12.4 Novelty of the project
 - 12.5 Anticipated products & processes of practical/technology utility/socio-economic relevance expected to be evolved by pursuing the Project
 - 12.6 Expertise available with the proposed investigating Group/Institution in the subject of the project.
 - 12.7 List of 5 experts in India/Odisha in the proposed subject area

13. Work Plan

13.1 Methodology

13.2 Risk associated with the research to be addressed

13.3 Proprietary/patented items, if any, expected to be used for this project

13.4 Linking of the research output with Industry to be explained

13.5 Suggested plan of action for utilization of research outcome expected from the
project

13.6 Time schedule of activities giving milestones.

14. Existing Facilities available to be utilized for the project:

DECLARATION / CERTIFICATION

It is certified that

- a) The research work proposed in the scheme/ project does not in any way duplicate the work already done or being carried out elsewhere on the subject.
- b) The same project has not been submitted by the Institute/ Investigator(s) to any other agency/agencies for financial Support.
- c) The emoluments for the manpower proposed are admissible as per the UGC norms.
- d) Necessary provision for the scheme/project will be made in the Institute/ University / State budget in anticipation of the sanction of the scheme / project.
- e) If the project involves the utilization of genetically engineered organism, it is agreed that we will ensure that an application will be submitted through our Institution Bio-safety Committee and we will declare that while conducting experiments the Bio-safety guidelines of Govt. of India would be followed in toto.
- f) If the project involves field trials/ experiments/exchange of specimens etc. we will ensure that ethical clearances would be taken from concerned ethics committees /competent authorities and the same would be conveyed to the funding agency before implementing the project.
- g) Necessary steps will be taken for publication of the research out puts of the project in accepted research journals.
- h) Wherever necessary, steps will be taken for tie up with industry for developing products and/or processes.
- i) The Institute /University agrees that the equipment, other basic facilities and such other administrative facilities, as per terms and conditions of the grant, will be extended to investigator(s) throughout the duration of the project.
- i) The Institute agrees to undertake the financial and other management responsibilities of the project.

Signature of Coordinator/ Principal Investigator

Signature of Co- Investigator (s)

Signature of Executive Authority of the Institute/University with seal