Launching of an academic programme for intensive training in Biotechnology for postgraduate students in West Bengal, ‘Research Internships in Biotechnological based - Sciences and Engineering i.e. RISE

With the Indian Biotechnology segment growing at 15% per year, career opportunities in fields such as bio-pharmacy, bio-agriculture, bio-industrial and bio-informatics are expanding manifold.

- The Department of Biotechnology has launched an academic programme for facilitating the future generation of Biotechnologists entitled ‘Research Internships in Biotechnology based - Sciences and Engineering i.e. ‘RISE’ programme. The aim is to provide students access to instruments like Real Time Thermocycler, Fast protein liquid chromatography (FPLC), High pressure liquid chromatography (HPLC), Flow Cytometry, Confocal Microscopy, Gas chromatography, Mass spectrophotometry, DNA sequencer and the like.

**Student’s eligibility criteria:**

- Should be pursuing a PG degree (MSc/MTech/MVSc/.MBBS etc.) in any field of Biotechnology based Bio-Sciences from a college accredited to a university of West Bengal.
- Good academic record, preferably in the top 20% of the class
- Willing to work full time for minimum 2 months
- The student will in consultation with a research guide submit a short research proposal, **maximum one page** (detailed proforma provided)

**Guide’s eligibility criteria**

- Should be a permanent faculty in any field of Bio-Sciences in a reputed Research Institution located in West Bengal
- Should agree to provide training in usage of high end Biotechnology based instruments as a component of the grant proposal (that will be submitted in consultation with the guide).

The last date for receiving applications be extended to **15th March, 2017**.
The participating research institutions:

1. Bose Institute
2. Indian Institute of Chemical Biology (IICB)
3. Indian Institute of Technology, Kharagpur (IIT-Kgp)
4. National Institute of Cholera & Enteric Diseases (NICED)
5. National Institute of BioMedical Genomics, Kalyani (NIBMG)
6. BioMedical Genomics Centre, Kolkata (BMGC)
7. Indian Institute of Science Education and Research, Kalyani (IISER)
8. IIEST, Shibpur
9. Saha Institute of Nuclear Physics (SINP)
10. Central Glass and Ceramic Research Institute (CGCRI),
11. Indian Association for Cultivation & Science, Kolkata (IACS)
12. Indian Statistical Institute (ISI)
APPLICATION FORMAT

1. Subject:

2. Name (in capital letters):

3. Permanent Address

4. Address for communication

5. Telephone (with STD code):

6. Mobile No.:

7. Email address:

8. Date of birth:

9. Age (as on 1st January, 2017):

10. Gender:

11. Nationality:


13. Educational Qualifications:

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<tr>
<th>Degree</th>
<th>Board/College/University</th>
<th>Subjects taken</th>
<th>Year of Passing</th>
<th>% of marks</th>
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<td>NET/GATE</td>
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13. Proposal:

- Title
- Topic/Area of Research (within 1000 words)
- Name of the Supervisor
- Name of the sponsoring Institute with address and contact details
- Specialized area of training:
14. List of documents to be attached:
   a) Age proof
   b) Madhyamik/Secondary marksheet & certificate
   c) Higher Secondary marksheet & certificate
   d) B.Sc. marksheet & certificate
   e) M.Sc. marksheet
   f) Physically Handicapped Certificate
   g) NET/GATE score
   h) No objection from the Head of the Institute for conducting research in the Institute
   i) Consent letter from the Guide
   j) SC/ST/Physically handicapped certificate as applicable
   k) Proposal (in 1000 words) stating proposed research and area of specialized training

Declaration: It is certified that all information given by me are true to the best of my knowledge. If any information were to be found incorrect or false, I am aware that my application and fellowship is liable for cancellation.

Date: 
Place: 
Signature

Forwarded and Recommended by Head of the Department
where student is pursuing PG studies
FORM FOR UTILISATION CERTIFICATE FOR FELLOWSHIP

Certificate that an amount of Rs.................................................. (Rupees ..................................................) sanctioned vide letter No.................................. dated..............................released to ......................in respect of Fellowship and Contingency under the RISE scheme has been utilized for the purpose for which it was sanctioned in accordance with the terms and conditions laid down by the Department. Out of the grant sanctioned in respect of Mr./Ms.................................has been carried forward/refunded vide Demand Draft No..........................dated .................for Rs. ............

If, as a result of a check or audit objection, some irregularity is noticed at a later stage, action will be taken to refund/adjust or regularize the objected amount.

Signature of Awardee  Head of Institution  Financial authority
(Seal)  (Seal)
FORM FOR SUBMISSION ACCOUNTS OF CONTINGENCY GRANTS AND UTILISATION CERTIFICATE W.E.F.

1. Name of Awardee:
2. Name of Institution:
3. Name of Department:
4. Name of Guide:
5. Expenditure: From ..................to ..................
   Amount...............Dated................

c) Fellowship:
d) Consumables:
e) Travel/field work:

Certificate that the expenditure of Rs.................. (Rupees ..................)
..........................................................) out of the grant of Rs..................sanctioned vide
Department’s letter no. .................. ..................
dated ..................in respect of ..................has been utilized for the purpose for which it
was sanctioned in accordance with the terms and conditions laid down by the Department
of Biotechnology for utilization of contingency grant.

Signature of Awardee          Head of Institution          Financial authority
(Signature)                   (Seal)                           (Seal)

N.B: For any correspondence in this regard, the Department’s letter number and date may
please be quoted without fail.
PROGRESS REPORT FOR THE PERIOD w.e.f ..............................

1. Name of Guide, designation and contact details:

2. Name of Department and Institution with Address

3. Topic of research:

4. Date of commencement of research:

   Under the Dept. of Biotechnology Fellowship:

5. Total number of working days during the period:

6. Title of Research based on work during the Fellowship period:

7. A detailed account of the work done during the period (a separate sheet may be attached stating the objectives, proposed hypothesis, methodology employed, Results generated, with figures and Conclusions derived)

8. Comments of the Guide on the progress of the research work during the period under report:

Name and Signature of the Guide
(Seal):
Date:

Signature of Awardee                   Head of Research Institution
                                      (Seal)