

Government of West Bengal
Department of Science & Technology and Biotechnology
"Vigyan Chetana Bhavan", Salt Lake,
DD 26/B, Sector-I,
Kolkata - 700064.

Annexure-A

File No.: ST/P/S&T/15G- 5/2019


Name of the P.I. with Institute: Dr. Amrit Krishna Mitra, P.I. of the project, Govt. General Degree College, Singur.

General Guideline must be followed by the P.I.:

1. The selection of JRF/SRF shall be made as per guidelines of this Deptt. (Science & Technology).
2. The remuneration to the JRF/SRF & project Asstt. Should be disbursed as per FD Memo No. 6261-F(Y) dt. 27.06.2011.
3. Follow FD Memo No. 5400-F(Y) dt. 25.06.2012 and Memo No. 3060-F(Y) dt. 11.06.2014 where applicable.
4. The UC along with the audited statement of expenditure should be obtained within prescribed time limit / before release of further installment of grant.
5. Follow the Budget break-up given below:

SUMMARY (in Rupees)

Sl. No.	Item	Cost in Rs.			
		1 st Year	2 nd Year	3 rd Year	Total
A. Non-Recurring					
1	Permanent Equipment		-	-	-
Total Non-Recurring (A)		0			0
B. Recurring					
1	Research Fellow-1No. @Rs. 18,700/- pm (JRF) in the 1 st & 2 nd year and @Rs. 21,000/- pm (SRF) in the 3 rd year				0
2	Consumables	100000	50000	50000	200000
3	Other Costs	5000	3000	2000	10000
4	Travel	5000	3000	2000	10000
Total Recurring (B)		110000	56000	54000	220000
Grand Total (C = A + B)		110000	56000	54000	220000
Total Project cost (Rupees): Two lakhs twenty thousand only for 3 years					


Assistant Secretary to the Govt. of W.B.

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GOVERNMENT OF WEST BENGAL
DEPARTMENT OF SCIENCE & TECHNOLOGY AND BIOTECHNOLOGY
VIGYAN CHETANA BHAVAN
DD-26/B, SECTOR I, SALT LAKE, KOLKATA-700 064

R&D Projects - Project Proposal Summary (Mandatory) (2019-20)

FOR OFFICE USE ONLY:

Receipt No. & Date:.....

1. Title of the project:

Synthetic engineering of multitasking small-molecule heterocyclic fluorophores that juggle environmental sensitivity and biological significance

2. Broad Subject area of the Project Proposal as per Advertisement:

CHEMICAL SCIENCES

3. Whether following included in the project proposal:

- Introduction and Background (upto four pages),
- Hypothesis and aims and objectives (up to one page),
- Significance of the project (upto one page)
- Research design, methodology, timelines and milestones (upto ten pages) and
- Preliminary data (upto one page).

4. Brief description (within 300 words) of how the project will help the State of West Bengal in the fulfilment of its socio-economic objectives. (Please attach a separate sheet).

5. Govt./ Govt. Aided:

Government Institution (Government General Degree College, Singur; under West Bengal Education Service, DHESTBT)

6. Name of PI, Affiliation, E-mail, Mobile No., Address in detail:

Name of PI : Dr. Amrit Krishna Mitra

Affiliation: Assistant Professor of Chemistry in Government General Degree College, Singur

e-mail: amritsepistles@gmail.com

Telephone (office): 033-26300126

Mobile: +919432164011

Address : Jalaghata, Singur, Hooghly-712409, West Bengal

- 7. Cost of the Project & time frame:
6,85,000/- (Six lakh eighty-five thousand) & 36 Months (3 years)
- 8. SC/ST/General Category of the beneficiary/ study area, if any:
General
- 9. Soft Copy of the entire Project (in PDF format only): **Submitted**
- 10. Bank A/c Details with IFSC & MICR CODE and cancelled cheque:
Submitted
- 11. Is there any other ongoing Project associated with DSTBT or any other State or Central Govt.: **No.**
- 12. Quotations for instruments asked for: **N.A**
- 13. I declare that I have last received funds from DSTBT on for an amount of Rs(in figures and words). **N.A.**
- 14. I declare that I do not have any objection if my final project report/findings/papers etc. are shared by DSTBT-GoWB with any other line Department(s) for the benefit of the people of the State.
- (12) U.C., Audited SOE & Report submission date, if any: **N.A.**

UC:
Audited SOE:
Report:

Amit Krishna Mishra
Signature of PI

**Assistant Professor
WBES
Govt. Gen. Degree College
Singur, Hooghly**

Sl. No.	Title of Project	Name of Organization	Status
	NA	NA	NA

Attachments:

- 1) Detailed list of publication made so far in the proposed area of work (books and papers/articles in standard referred national and international journals).
- 2) List of patents and their present status.
- 3) A soft copy of the entire proposal.
- 4) Annexure I to X (as applicable)

15. I declare that I shall abide by all the guidelines, rules and regulations of the Department of Science and Technology and Biotechnology, Government of West Bengal regarding financial assistance to R & D project and shall acknowledge the funding authority in all publications made out of the sanctioned project. I shall also include the Department of Science and Technology and Biotechnology (DSTBT), Government of west Bengal, as a joint applicant for any intellectual Property: Patent arising out of the sanctioned project and the Royalty will be shared as may be decided by DSTBT on commercialization/ transfer/ sale of technology or product. I also declare that I do not have any objection if my final project report/findings/papers etc. are shared by DSTBT-GoWB with any other line Department(s) for the benefit of the people of the State.

Amrit Krishna Mitra
Dr. Amrit Krishna Mitra

(Name and signature of the PI with official seal)

**Assistant Professor
WBES
Govt. Gen. Degree College
Singur, Hooghly**

Date... 26.10.19

Place... Singur

Brotati Chakraborty

Dr. Brotati Chakraborty

(Name and signature of the Co-PI with official seal)

**Assistant Professor
Department of Chemistry
Bajaj Narayan Mahavidyalaya
Itachuna, Hooghly**

Dr. Santanu Chakrabarti
(Signature of the Head of the Institution with official seal)

**Dr. SANTANU CHAKRABARTI
WBSES
PRINCIPAL
GOVT. GENERAL DEGREE COLLEGE, SINGUR**

Annexure-I

CERTIFICATE FROM THE INVESTIGATOR(S)

Project Title: **'Synthetic engineering of multitasking small-molecule heterocyclic fluorophores that juggle environmental sensitivity and biological significance'**

1. We agree to abide by all the terms & conditions and guidelines of the DSTBT, GOWB grant.
2. We did not submit this or a similar project proposal elsewhere for financial support.
3. We declare that this R&D project proposal is a new one and unique of its kind. This type of project has not been conducted elsewhere so far as my knowledge is concerned. The project proposal is original and the outcome will usher new light in this particular field.
4. We declare that the following has been submitted to DSTBT for previously funded R&D project by DSTBT: (i) the final report, (ii) achievement of completed project against deliverables stated at the time of project submission, (iii) utilization certificate and audited statement of expenditure, (iv) information on publications made in reputed journals/ high impact journals, (v) patentable items, (vi) translational values, (vii) benefits to the State Government/ common man.
5. In case any item of the project proposal is found to be plagiarized, I/We shall be liable for the consequences.
6. We have explored and ensured that equipment and basic facilities available within the Institution will be used as and where required for the purpose of the project. I/We shall not require financial support under this project for procurement of the items already available.
7. We undertake that the permanent equipments will be kept within the institution and the same will be made available to other users of the Institution also.

8. We undertake that Intellectual Property Rights arising out of the R & D Project work (if any) will be intimated to Department of Science and Technology & Biotechnology(DSTBT), Govt. of WB and will be filed jointly in the credit of the DSTBT, GOWB and the implementing organization as per above mentioned terms and conditions.
9. We undertake that the UC and audited SOE along with Progress Report will be submitted in time failing which DSTBT may stop release of further instalment.

Amrit Krishna Mitra

Dr. Amrit Krishna Mitra

Assistant Professor

Name and Signature of Principal Investigator with Seal

WBES

Govt. Gen. Degree College,
Singur, Hooghly

Brotati Chakraborty

Dr. Brotati Chakraborty

Name and Signature of Co- Investigator(s) with Seal

Date: 26.10.19

Place: Singur

Assistant Professor
Department of Chemistry
Bajaj Narayan Mahavidyalaya
Itachuna, Hooghly



सत्यमेव जयते

GOVERNMENT OF WEST BENGAL

GOVERNMENT GENERAL DEGREE COLLEGE, SINGUR

ESTD.2013

OFFICE OF THE PRINCIPAL

JALAGHATA, SINGUR, HOOGHLY, W.B. 712409

Phone & Fax : +91 2630-0126, E-mail : oicsingur@gmail.com

Ref. No.....

Date.....26.10.19.....

Annexure-II

ENDORSEMENT FROM THE HEAD OF INSTITUTION

Project Title: 'Synthetic engineering of multitasking small-molecule heterocyclic fluorophores that juggle environmental sensitivity and biological significance'

Certified that the Institute welcomes participation of **Dr. Amrit Krishna Mitra** as the Principal Investigator and **Dr. Brotati Chakraborty** as the Co-Investigator for the project and that in the unforeseen event of discontinuance by the Principal Investigator, the Co-Investigator will assume the responsibility of the fruitful completion of the project (with due intimation to DSTBT, GOWB).

1. Certified that the equipments, software, 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.
2. Institute assumes to undertake the financial and other management responsibilities of the project.
3. I/We undertake that the UC and audited SOE along with Progress Report will be submitted in time failing which DSTBT may stop release of further instalment.

Name and Signature of Head of Institution with Seal

Dr. SANTANU CHAKRABARTI
WBSES

PRINCIPAL
GOVT. GENERAL DEGREE COLLEGE, SINGUR

Date.....26.10.19.....
Place.....Singur.....



Phone : 202059

Fax & Phone : (03213) 272275

BEJOY NARAYAN MAHAVIDYALAYA

(GOVT. SPONSORED)

NAAC ACCREDITED, (B++ 84%)

P.O.-ITACHUNA, DIST.-HOOGHLY, PIN-712147

Website : h # p . www.bnmahavidyalaya.info O E.mail ID : gomajumdar1950@yahoo.com

Ref. No

Date

Annexure-II


Annexure-II

ENDORSEMENT FROM THE HEAD OF INSTITUTION

Project Title: "Synthetic engineering of multitasking small-molecule heterocyclic fluorophores that juggle environmental sensitivity and biological significance"

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2. Institute assumes to undertake the financial and other management responsibilities of the project.
3. I/We undertake that the UC and audited SOE along with Progress Report will be submitted in time failing which DSTBT may stop release of further instalment.


27.10.19
(DR GOUTAM BIT)

Name and Signature of Head of Institution with Seal

Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.

Date... 27th Oct. 2019
Place... Chandernagore