

### GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY

Department of Science & Technology
Technology Bhavan, New Mehrauli Road

New Delhi - 110016



Date: 30 January, 2015

Subject: INSPIRE Faculty Award - Offer letter[DST/INSPIRE/04/2014/002537]

Dear Dr. Amit Kumar Bhattacharjee

Government of India has launched a unique scheme "Innovation in Science Pursuit for Inspired Research(INSPIRE)" with several components. INSPIRE Faculty Scheme is one such component of INSPIRE Programme which offers a contractual research award for carrying out independent research to young achievers. Guidelines of the INSPIRE Faculty scheme and award is available at the website: www.inspire-dst.gov.in. Based on your application followed by the due selection process, I am pleased to inform you that you have been selected for INSPIRE Faculty Award.

A compensation matching cost equivalent to that of Assistant Professor of an IIT at the time of entry, along with Rs. 3500000 (@ Rs. 700000/year) of research grant shall be offered to each Awardee. The Faculty Award is tenable for a period of five years from the date of joining the Faculty position. However, each Awardee as well as the Host Institute will be required to sign an 'UNDERTAKING' for implementation of this Faculty Award.

Each awardee will be required to inform DST on acceptance of the Award within 3 months from the date of this offer. This includes finalization of the Host Institute for implementation of this Award and joining at the selected Host Institute. In case Awardee does not inform DST within 3 months, the Award offer shall automatically be forfeited. Please note that the Host Institution shall be other than the Institute/ University/ Laboratory where you have completed your PhD work/degree.

You are requested to take necessary action towards implementing this Award. Towards this the following documents are required to upload at portal (www.online-inspire.gov.in), so that necessary funds can be released to Host Institute from our end:

- 1. Details of Bank Account of the Host Institute (not for individual Awardees)
- 2. Duly signed 'UNDERTAKING'
- 3. Break-up on usage of Research Grant @ Rs. 700000 / year for 5 years (year-wise without clubbing)
- 4. Joining Report (Duly authenticated)

Login-ID and Password used at the time of submission of application shall be used now as well for upload. Without submission of these documents through online, no action would be possible to take at this end.

This issue's with the approval of Secretary DST vide Dy.No.82 dated 01/06/2015. We shall be looking for your responses in this respect.

With Best Regards,

Dr. Pramod Kumar Prasad Scientist-B INSPIRE Program Email: pramod.prasad@nic.in Phone: 011-26590247

Fax: 011-26602193

To,
Dr. Amit Kumar Bhattacharjee[DST/INSPIRE/04/2014/002537]
C/O. Mr. P.C. Bhattacharjee, Sudhalaya, Hill Colony, Kulti (Asansol)
Durgapur - 713343
WEST BENGAL.

This is computer generated document and does not require any signature. Incase of any discrepancy please contact Program Division.

#### DST/INSPIRE FACULTY/Group-02/2014-15 GOVERNMENT OF INDIA MINISTRY OF SCIENCE AND TECHNOLOGY DEPARTMENT OF SCIENCE AND TECHNOLOGY (INSPIRE PROGRAM)

Technology Bhawan New Mehrauli Road New Delhi

Date: March 11, 2020

#### **SANCTION ORDER**

Subject: Release of Fund to Host Institutes for disbursement of amount to its INSPIRE Faculty Awardees selected under INSPIRE Faculty Award Program.

President is pleased to sanction and release the amount of total **Rs. 2,23,89,712/- (Rupees two crore twenty-three lakh eighty-nine thousand seven hundred twelve only)** for 19 INSPIRE Faculty awardees. The funds allocation to selected awardees is given in table below. The release amount for INSPIRE Faculty covers Revised Award Amount with an increment of Rs.2000/- per year w.e.f. 1.10.2018 (as per the Office Order on revised fellowship vide no. <u>DST/INSPIRE Faculty/2018/P19053</u> dated October 11, 2018) to the unemployed along with a Research Grant for each selected candidate for one year.

- 2. This sanction order is also accorded to carry-forward of total unspent grant of Rs. **37,88,170**/- (Rupees thirty-seven lakh eighty-eight thousand one hundred seventy only) along with the present release for the INSPIRE Faculties.
- 3. This amount of Rs. 2,23,89,712/- (Rupees two crore twenty-three lakh eighty-nine thousand seven hundred twelve only) will be drawn by the Drawing and Disbursing Officer of the Department of Science and Technology and will be disbursed to the account of each of the Host Institute for their selected INSPIRE Faculty awardees as the subsequent release for next year under INSPIRE Faculty Award Program as given below in table, through RTGS.

SI.	Name and	Name & Address of	Durati	Award Amount	Research	Total amount	Carry forward	Account details of Institution
No.	Code No.	Host Institution	on	with 3.3% increment	Grant	to be released	Amount	Account details of institution
Batch	-07							
1.	Dr. Amit Kumar Bhattacharjee (IFA14-PH-118)	Principal Asutosh College, Calcutta Univeristy	*Upto DOC		Rs.281257/-	Rs.281257/-	Rs.368743/-	A/c No. 404010100008556 IFSC Code: BKID0004040 Bank of India Br: Harish Mukherjee Rd
2.	Dr.Debasish Sarkar (IFA14-MS-32)	Registrar Malaviya National Institute of Technology, Jaipur	April'19 to Mar'2020	Rs.236618/-	Rs.437324/-	Rs.673942/-	Rs.212676/-	A/c: 676805000011 IFSC: ICIC0006768 ICICI Bank Ltd Branch: MNIT, MREC Campus, Jaipur
Batch	-08							
3.	Dr.Hannah Priyanka (IFA15-LSBM- 154)		Dec'19 to Nov'2020	Rs.1548000/-	Rs.700000/-	Rs.2248000/-		A/c No. 33678807361 IFSC Code: SBIN0002234 State Bank of India Branch: MADRAS UNIVERSITY
4.	Dr. Arpita Mondal (IFA15-ENG- 110)	Registrar Indian Institute of Technology, Bombay	Jan'19 to Dec'19		Rs.289700/-	Rs.289700/-	Rs.410300/-	A/c No. 10725729173 IFSC Code : SBIN0001109 State Bank of India Branch: IIT Bombay Powai
5.	Dr. Sunil Kumar (IFA15-MS-49)	Registrar Indian Institute of Technology, Indore	Dec'18 to Nov'19		Rs.512437/-	Rs.512437/-	Rs.187563/-	A/c No. 31176806225 IFSC Code: SBIN0011779 State Bank of India Branch: KHANDWA RD
6.	Dr.Rahul Garg (IFA15-MA-57)	of Science Education and Research, Bhopal			Rs.487494/-	Rs.487494/-	Rs.162506/-	A/c No. 2073201002554 IFSC Code : CNRB0002073 CANARA BANK Branch: Bhopal Maharana Pratap
7.	Dr. Rudranil Basu (IFA15-PH-122)	BITS Pilani K K Birla Goa Campus	upto DOC*	Rs. 443264/-	Rs. 253335/-	Rs. 696599/-	Rs. 396665/-	A/c No. 10180075270 IFSC Code : SBIN0001976 State Bank of India

भारतीय अन्तरिक्ष अनुसंधान संगठन

अन्तरिक्ष विभाग भारत सरकार अन्तरिक्ष भवन

न्यू बी ई एल रोड, बेंगलूरु - 560 231, भारत

दूरभाष : +91 80 2341 5474

फेक्स :



Indian Space Research Organisation

Department of Space Government of India Antariksh Bhavan

New BEL Road, Bengaluru - 560 231, INDIA Tel (Off) : +91 80 2341 5474

Fax

Dr. M.A. Paul Assoc. Director, RESPOND& Al CBPO

No. ISRO/RES/3/819/19-20

☎: 080-23415269/22172269 FAX-080-23412471 respond@isro.gov.in

July 19, 2019

Dear Dr. Abhik Kundu,

Subject: RESPOND Project-"Elucidation of the deformation signatures and fluvial activity near junction of Noachis Terra with Margaritifier and Arabia Terra"-reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

- Funding of the project under RESPOND Programme for a period of Three years at a total outlay of ₹23.90 Lakhs (Rupees Twenty Three Lakh Ninety Thousand only) towards meeting the expenditure of the project (budget details enclosed).
- Release of grant of ₹ 9.58 Lakhs (Rupees Nine Lakh Fifty Eight Thousand only) towards meeting the First Year expenditure of the project.

The approval is subject to fulfillment of the following:

- (a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to submit a comprehensive report covering total project activities. The copies of reports should be sent to Director, SAC, Ahmedabad (Attn: Dr. (Smt.) Parul Patel, Respond Coordinator, SAC, Ahmedabad) and two copies to the undersigned.
- (b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to submit the final FUC and Audited Account Statement for the total expenditure incurred in the project.

(₹ in Lakhs)

SI. No	Item of Expenditure	I <sup>st</sup> Yr	II <sup>nd</sup> Yr	III Yr	Total
1	Manpower:1 JRF @ (₹ 31000 pm + HRA 24 %) pm for I <sup>et</sup> and 2 <sup>nd</sup> Yr @ (₹ 35000 pm + HRA 24 %) pm for 3 <sup>nd</sup> Yr	4.61	4.61	5.21	14.43
2	Equipment HP desktop workstation with accessories	1.97	0.00	0.00	1.97
3	Others(Field Work)	1.00	0.50	0.00	1.50
4	Contingencies	0.50	0.50	0.50	1.50
5	Travel	0.50	0.50	0.50	1.50
1	Sub Total	8.58	6.11	6.21	20.90
6	Overheads @20%	1.00	1.00	1.00	3.00
	Total	9.58	7.11	7.21	23.90

The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560094 and Director, SAC, Ahmedabad (Attn: Dr. (Smt.) Parul Patel, Respond Coordinator, SAC, Ahmedabad) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to submit the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 094 with a copy to the undersigned for releasing the grants (to Vice Principal, Asutosh College, Kolkata) at the earliest.

With Regards,

Yours sincerely,

(M.A. Paul)

Dr. Abhik Kundu Associate Professor Department of Geology 92, S P Mukhejee Road Asutosh College Kolkata: 700 026 West Bengal

CC: Director, CBPO, ISRO HQ
Director, SAC, Ahmedabad
Vice Principal, Asutosh College, Kolkata, West Bengal
Shri Satadru Bhattacharya, EPSA-BPSG-PSD, SAC, Ahmedabad
Dr. (Smt.) Parul Patel, Respond Coordinator, SAC, Ahmedabad

#### Earth, Ocean, Atmosphere, Planetary Sciences and Applications Area (EPSA)

FPSA: Chandrayaan-2 Science Plan

Date: 11-10-2019

From: Satadru Bhattacharya

Scientist - SF & PI, Chandrayaan-2 IIRS Spectrometer

Planetary Sciences Division

To:

The Head, Accounts and IFA

SAC, Ahmedabad

Through:

Head, PSD/BPSG/EPSA

Dy. Director, EPSA

Director, SAC

3 Marson

Sub: Fund transfer to Participating Agencies under Chandrayaan-2 Science Plan Programme.

We have to send working fund to following institutes (details as given in the table below) to initiate the projects under the programme: "Chandrayaan-2 Science Plan for Terrain Mapping Camera (TMC), Orbiter High Resolution Camera (OHRC), Imaging InfraRed Spectrometer (IIRS) and Dual-frequency SAR data utilisation" of SAC/ISRO. The work plan for the work component identified under this project has been prepared and consent from participating agency has been obtained. In this connection, kindly arrange to remit the following amount as per details below.

#### SAC Lineitem code: 0303617RM703

Sr. No.	Name and Address of the CA	RTGS Transfer Details	Amount (Rs.)
1	Dr. Abhik Kundu Asutosh College 92, Shyama Prasad Mukherjee Road, Kolkata- 700026, West Bengal	Beneficiary: Asutosh College Bank Name: Bank of India Branch Name: HARISH MUKHERJEE ROAD,KOLKATA,700026,WEST BENGAL A/C NO: 4040 2011 0000 251 IFSC Code: BKID0004040 MICR Code: 700013024 PAN: AABAA8169Q	(Nine Lakhs Rupees only)

Dr. Rajib Panigrahi A/C Holder: Research Project, II'T Roorkee 8,58,000 Assistant Professor Bank Name: State Bank of India (Eight Lakh Department of Blectronics & Branch & Address: IIT Roorkee Branch, Fifty Eight Computer Engineering Roorkee-247667 (Code: 1069) Thousand IIT Roorkee. Account No.: 33012172097 Roorkee - 247667 (Uttarakhand) Only) IFSC Code: SBIN0001069 MICR Code: 247002094 PAN: AAALI0033R Please mention the name of the project in your covering letter and a copy of the same may please be marked to me.

(Satadru Bhattacharya)

Shri J G Patel, Budget Coordinator, EPSA

Hohisel 16/10/2019



### GOVERNMENT OF WEST BENGAL

### Science & Technology and Biotechnology DEPARTMENT

Tel:

Fax

Date: 14/02/2019

Memo No: 169(Sanc.)/ST/P/S&T/1G-2/2018

Sanction Order for Grant-in-Aid

Demand No.: 70

Department Code: BS

Financial Year:

2018 - 2019

1. Sanctioning Authority: Science & Technology and Biotechnology

2. Name of the Grantee Institution: Asutosh College, Kolkata.

Address of the Grantee Institution: 92, Shyama Prasad Mukherjee Rd, Pin:700026.

Category of Grantee Institution: Education Institution

Amount Sanctioned: 281600 (in words Rs. Two Lakh Eighty One Thousand Six Hundred Only. )

Name of the DDO: Registrar, Science & Technology & Biotechnology Dept.

Department Code: BS-Science & Technology and Biotechnology

Name of the Treasury/PAO:Pay & Accounts Officer-III, PAO-III

Nature of Grant

(a) Recurring or Non-recurring: Recurring

(b) Capital or Revenue: Revenue

10. Condition of Grant

Utilisation Certificate required: Yes

11. Category of Grant : Education Institution

- 12. Purpose of Grant: Climate change impact on cropping in nutritional security in the farm household an assessment in
- 13. An amount of Rs 281600 is hereby allotted for this period in favour of the Registrar, Science & Technology & Biotechnology Dept. From the head of account 3425-60-200-00-010-31-02-V from the budget provision of the financial year,2018 - 2019 under Demand No.70 Department Code BS and payable to Grantee Institution or by A/c payee cheque/By-Transfer Credit / ECS.
- 14. Head of Account Code :3425-60-200-00-010-31-02-V
- 15. Name of the Scheme :Financial Assistance to other Scientific Bodies for undertaking Scientific Projects/Surveys/Research/Training and Science Awareness & Science Popularisation programme 16. The amount will be drawn in T.R. from No.31.
- 17. The sanctioned amount will be payable to Asutosh College, Kolkata, by Transfer Credit to the Head of Account of the LF/PL/Deposit Account of the Grantee Institution or by A/C payee Cheque / ECS as applicable

Present release Rs. 2,81,600/- is the 1st installment of the total project cost of Rs. 8,36,000/-sanctioned for 3 year (s) work, will be transferred through e-Pradan system to Asutosh College, A/C No.-404010100008556 (Savings), IFSC CODE-BKID0004040, Mobile No. - 9903849424 (PI).

19. Total released amount is within the Budget Provision of the above mentioned head of account during 2018 - 2019

20. This order issues in exercise of the power delegated under Finance Department Memo. No. 1872-F.B dated-26.03.201 1259-F.B. dated-29.11.2018 & 1260-F.B dated-29.11.2018 with the concurrence of Finance Deptt. vide Gr. FD Group U. No. 207 FA/Education. Date 08/02/2019

ASSISTANT SECRETARY

Copy forwarded for information and necessary action to:-

- 1. The Principal Accountant General (A&E), Treasury Buildings, Kolkata-700001
- 2. The Principal Accountant General (Audit), Treasury Buildings, Kolkata-700001
- 3. The Principal Accountant General (Receipt, Works & Local Bodies Audit), CGO Complex at Salt Lake, Kolkata-700091
- 4. Registrar, Science & Technology & Biotechnology Dept.
- 5. Pay & Accounts Officer-III, PAO-III
- 6 PSO
- 7. Dr. Sovan Roy, SSO.
- 8. Vice-Principal, Asutosh College, 92, Shyama Prasad Mukherjee Rd, Pin:700026.
- 9. Dr. Sayani Mukhopadhyay, P.I. of the Project, Asutosh College, 92, Shyama Prasad Mukherjee Rd, Pin:700026. (Strickly follow annexure-A).
- 10. Dr. Soumyajit Mukherjee, SSO. 11. Guard File.

ASSISTANT SECRETARY

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

#### Annoxuro- A

File No: ST/P/S&T/1G-2/2018

Name of the P.I. with Institute: Dr. Sayani Mukhopadhyay, Asutosh College, 92, Shyama Prasad Mukherjee Rd, Pin:700026.

#### 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 instalment of grant.
  - 5. Follow the Budget break-up given below:

# BUDGET ESTIMATION OF THE PROJECT Climate change impact on cropping in nutritional security in the farm household an assessment in coastal West Bengal File No.: ST/P/S&T/1G-2/2018

SUMMARY (in Rupees)

	SUMMARY (in Rup	ees			
	Item	BUDGET			
51	, , , , ,	1 <sup>ST</sup> year	2 <sup>nd</sup> year	3' year	Total
Α.	Non Recurring - Minor Permanent equipment:	0	0	0	0
B.	Recurring				
1.	Remuneration of one JRF: @ 16000/- per month + 15% HRA= 2400/- per month + medical allowance Rs. 300/- per month = Rs. 18700/- per month for two years, and one SRF on the third year @ 18000/- per month + 15% HRA= 2700/- per month + medical allowance Rs. 300/- per month = 21000/- per month, if the same JRF continues or for a JRF who has completed two years.	224400	224400	252000	700800
2.	Outsourcing of sample analysis & other primary & secondary data	30000	20000	5000	55000
3	TA for field work sampling (conference/ seminar travel not allowed)	10000	10000	5000	25000
4.	Reprography, photocopy etc.	3000	3000	3000	9000
5.	Postage & Stationary	2200	3000	2000	7200
b.	Report preparation & auditing of project	2000	2000	5000	9000
7.	Miscellaneous/incidental expenditure	10000	10000	10000	30000
	TOTAL (A+B)	281600	272400	282000	836000

ASSISTANT SECRETARY

### GOVERNMENT OF WEST BENGAL Science & Technology and Biotechnology DEPARTMENT

Tel:

Fax:

Memo No:

103(Sanc.)/ST/P/S&T/10G-6/2018

Date: 05/02/2019

Sanction Order for Grant-in-Aid

Demand No.: 70

Department Code: BS

Financial Year:

2018 - 2019

1. Sanctioning Authority: Science & Technology and Biotechnology

- 2. Name of the Grantee Institution: Asutosh College.
  - 3. Address of the Grantee Institution: 92, S.P.Mukherjee Road, Kol-26.
  - 4. Category of Grantee Institution: Education Institution
  - 5. Amount Sanctioned: 278000 (in words Rs. Two Lakh Seventy Eight Thousand Only.)
- 6. Name of the DDO: Registrar, Science & Technology & Biotechnology Dept.
  - 7. Department Code: BS-Science & Technology and Biotechnology
  - Name of the Treasury/PAO:Pay & Accounts Officer-III, PAO-III
- 9. Nature of Grant

- (a) Recurring or Non-recurring: Recurring
- (b) Capital or Revenue: Revenue
- 10. Condition of Grant

Utilisation Certificate required: Yes

- Category of Grant : Education Institution
- 12. Purpose of Grant: Hydro-Geomorphological and sedimentological approach of e-Flow assessment of the Mahar river system at Himalayan Foothills in Darjeeling, West Bengal.
- 13. An amount of Rs 278000 is hereby allotted for this period in favour of the Registrar, Science & Techn Biotechnology Dept. From the head of account 3425-60-200-00-011-31-02-V from the budget provision of the 1 year, 2018 2019 under Demand No.70 Department Code BS and payable to Grantee Institution or by A/c cheque/By-Transfer Credit / ECS.
- 14. Head of Account Code :3425-60-200-00-011-31-02-V
- 15. Name of the Scheme: West Bengal State Council of Science & Technology
  - The amount will be drawn in T.R. from No.31.
  - 17. The sanctioned amount will be payable to Asutosh College. by Transfer Credit to the Head of Account LF/PL/Deposit Account of the Grantee Institution or by A/C payee Cheque / ECS as applicable.

18. Remarks: Present release Rs. 2,78,000/- is the 1st installment of the total project cost Rs. 4,24,000/- sanctic 3 year (s) work, will be transferred through e-Pradan system to Asutosh College. A/C No.-404010100008556 (SB), I CODE-BKID0004040, Mobile No.-9903889424.

19. Total released amount is within the Budget Provision of the above mentioned head of account during 2018 - 2019

20. This order issues in exercise of the power delegated under Finance Department Memo. No. 1872-F.B dated-26.0 1259-F.B. dated-29.11.2018 & 1260-F.B dated-29.11.2018 with the concurrence of Finance Deptt. vide Gr. F.A. Bran No. 179 F.A./Education Date 04/02/2019

SdA

ASSISTANT SECRETARY

Science & Technology and Biotechnology

Jeannea widi

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

#### Annexure-A

: No.: ST/P/S&T/10G-6/2018

ne of the P.I. with Institute: Dr. Subhadip Gupta, P.I. of the project, Asutosh College. neral Guideline must be followed by the P.I.:

The selection of JRF/SRF shall be made as per guidelines of this Deptt. (Science & Technology).

The remuneration to the JRF/SRF & project Asstt. Should be disbursed as per FD Memo No. 6261-F(Y) dt. 27.06.2011.

Follow FD Memo No. 5400-F(Y) dt. 25.06.2012 and Memo No. 3060-F(Y) dt. 11.06.2014 where applicable.

The UC along with the audited statement of expenditure should be obtained within prescribed time limit / before release of further installment of grant.

Follow the Budget break-up given below:

#### SUMMARY (in Rupees)

ltem	BUDGET (in Rupees)					
	1st Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	-Total		
A. Recurring:	-17.			J		
1. Remunerations/salaries	-	- 7	-			
2. Contingencies	5000	5000	5000	15000		
3. Travel (only for field work)	70000	70000	60000	2,00,000		
4. Other costs	3000	3000	3000	9000		
B. Non-recurring		W	-			
Permanent equipment (Ecosounder GPS, Handheld DO Meter)	200,000		-	200,000		
Grand Total (A+B) (2,	78,000	78,000	68,000	4,24,000		

Assistant Secretary to the Govt. of W.B.



# WEST BENGAL BIODIVERSITY BOARD

(Department of Environment, Government of West Bengal)

Memo No.: 1221/3K(Bio)-5/2019

Date: || /11/2019

From: Siddhartha Roy, IFS

Member Secretary

To: Mr. Ram Krishna Das

Assistant Professor

Department of Industrial Fish & Fisheries, Asutosh College, 92, S. P. Mukherjee Road,

Kolkata - 700026

Sub:- Approval for the proposal for executing the project 'Diagnosis and description of swamp eel(s)

(Synbranchidae: Synbranchiformes) in West Bengal, India: A study of fish taxonomy'.

Sir,

With reference to above it is to convey the approval of the State Board for the above cited project and sanction of financial assistance of Rs. 44,750/- (Rupees Forty-Four Thousand Seven Hundred Fifty Only) to meet the 1st year's project cost (out of a total project cost of Rs. 79,750.00) under the following terms & conditions.

Second year's project cost will be sanctioned on successful completion of the first year's project activities and on the availability of fund from the Department of Environment, GoWB.

### A) Name of the Project:

Diagnosis and description of swamp eel(s) (Synbranchidae: Synbranchiformes) in West Bengal, India: A study of fish taxonomy.

### B) Scope of the Project:

- i) Sampling of eels with some traditional fishing gears,
- ii) Identification of those species
- C) Area to be studied: West Bengal
- D) Duration of the Project: 2 (Two) years.

# E) Financial Assistance for the Project (1st year)

- a) Rs. 44,750/- (Rupees Forty-Four Thousand Seven Hundred Fifty Only) inclusive of all.
- b) No additional payment will be made for any other purpose.

# F) Payment Terms:

Payment shall be made by A/c. Payee cheque only against Claim and Money Receipt (in advance).

a) Rs. 22,000.00 (Rupees Twenty-Two Thousand only) will be released as the 1st installment for initiating the 1st year's project work.

Cont...p/2

### FILE NO. SAG/2020/000873 SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory hody of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor Vasant Square Mali Plot No A, Community Centre Sector-B, Pocket-6, Vasant Kunj New Delhi-110070

Dated: 09-Dec-2020

ONDER

Subject Firmoni Sanction of the research project titled "Waste to Value Added Fertilizer: An alternative disposal strategy of Chicken Feathers and Poultry litter" under the quidance of Dr. Arpita Mandal, Microbiology, Asutosh College, 92, shyamaprasad mukherjee road, Kolkata, West bengal-700026—Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 1752761/- (Rs. Seventeen Lakh Fifty Two Thousand Seven Hundred and One Only) with break-up of Rs. 563365/- under Capital (Non-recurring) head and Rs. 1182336/- under Capital (Recurring) head for a duration of 24 menths. The items of expenditure for which the total allocation of Rs. 1752761/- has been approved are given below.

S. No	Mead	Total (in Rs.)
á	Non-recurring	
<b>4</b> = 1	Equipment -> Analytical Balance -> Autoclavable Lab Fermentor -> Compact Laboratory Centrifuge -> Computer -> Microprocessor Double Beam UV-Vis spectrophotometer	\$63365
$A^{\circ}$	Total (Non-Revuring)	562165
B	Recurring Pems	Washington and American American
Jane V	Recurring - 1: (Manpower) Recurring - II: (Consumables, Travel, Contingencies) Recurring - III: Scientific Social Responsibility	240000 780000 10000
2	Recurring - IV : (Overhead Charges)	159336
₿'	Total (Necurring)	/189336
C	Total cost of the project (A' + B')	1752701

- 2. Sanction of the SERB is also accorded to the payment of Rs. 553353/- (Rupees Five Lakh Sixty Three Thousand Three Hundred and Sixty Five only) under 'Grants for creation of capital assets' and Rs. 559535/- (Rupees Six Lakh Nine Thousand Six Hundred and Thirty Five only) under 'Grants-lu-aid' General' to Vice Principal, Asutosh College, 92, Slayemaprasad Moltherjee Road being the first installment of the grant for the year 2020-2021 for implementation of the said research project.
- 3. The expenditure involved is debitable to T and for Science & Engineering Research (FSER) This release is being made under Start-up Research Grant. (EC Life Sciences)
- 4. The Sanction has been issued to Asutosh College, 92, Shyamaprasad Mulcherjee Road with the approval of the competent authority under delegated powers on 08 December, 2020 and vide Drary No. SERB/F/8295/2020-2021 dated 09 December, 2020
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( www.serb.opv.in)
- 6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- 7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.
- 8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 9. As per rule 211 of GFR, the accounts of project chall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- 10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- 11. The release amount of Rs. 1173000/- (Rupees Eleven Lakh Seventy Three Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	asutoshcollege
Account Name	Asutosh College
Account Number	404020110000251
Bank Name & Branch	Bauk of India BANK OF INDIA HARISH MUKHERJEE ROAD address . 135a 135d, 1st Floor, Harish Mukherjee Road,, Kolkata · West Bengal
IFSC/RTGS Code	BKID0004040
Email id of A/C Holder	mail@asutosbuollege.in
Email id of PI	arpitamandal.micro@gmail.com

- 12. The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- 14. The project File no. SRG/2020/000873 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
- 15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project
- 16. As this is the first grant being released for the project, no previous U/C is required.
- 17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
- 18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
- 19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(**Dr. Thangaradjou T)** Scientist E msls@serb.gov.in

To, Under Secretary SERB, New Delhi

copy forw	arded for information and necessary action to:
1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Arpita Mandal Microbiology Asutosh College, 92, shyamaprasad mukherjee road, Kolkata, West bengal-700026 Email: arpitamandal.micro@gmail.com Mobile: 918900356710 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Vice Principal, Asutosh College, 92, Shyamaprasad Mukherjee Road  (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T) Scientist E msls@serb.gov.in

## SRG 2020 0008+3

The updated RTGS details of the Asutosh College, 92, shyamaprasad mukherjee road, Kolkata, West bengal-700026 is as below:

PFMS Unique Code	asutoshcollege
Account Name	ASUTOSH COLLEGE POST GRADUATE
Number	00350200000362
Bank Name & Branch	BANK OF BARODA BHAWANIPUR BRANCH,29, S.P.MUKHERJEE ROAD,CALCUTTA,700025, West Bengal
IFSC/RTGS Code	BARB0BHOWAN
Email id of A/C Holder	mail@asutoshcollege.in

C.Clapsian

डॉ. टी. धंगाराजू वैज्ञानिक 'ई'











# Department of Science and Technology, Government of India

Dear Dr. Arpita Mandal,

The below details for **Science & Engineering Research Board (SERB)** Sanction Order (attached to this mail)

Sanction Order No SRG/2020/000873

Sanction Date 09 December, 2020

PI Name Dr. Arpita Mandal

Asutosh College , 92,

Institute/University Shyamaprasad Mukherjee

Road, Kolkata, West Bengal-

700026

PI Account

Number

00350200000362

BANK OF BARODA BHAWANIPUR BRANCH,29,

Bank & Branch S.P.MUKHERJEE

Name ROAD, CALCUTTA, 700025,

West Bengal

Amount INR 1173000/-

In Rupees Eleven Lakh Seventy Three

Thousand

UTR No RBI3612059379183-G &

000197787178-C

Transaction Date 25 December, 2020 & 15

January, 2021