



UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग – परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities : IUC-DAEF)

Indore Centre
इन्दौर केन्द्र

Dr. V. Ganesan
Centre-Director

Sanctioned Letter of UGC DAE CSR Project of Dr. Santosh Kumar (FY 2018-19)

Ref: CSR-IC-MSRSR-12/CRS-220/2017-18/ (30)

31st March, 2018

Dr. Santosh Kumar
Dept. of Physics,
College of Commerce, Arts and Science,
Patna

Sub:- Your proposal entitled “Use of Magnetic Nanoparticles for Water Treatment”.

Dear Dr. Santosh Kumar,

We would like to thank you for visiting Pune for presenting your CRS proposal during May 25-26, 2017. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved:

The financial allocation for this year will be:

**Project Fellow (@ Rs.14,000/- pm) + HRA	Rs. 1,68,000/- + HRA
Contingency	Rs.15,000/-
Consumables	Rs.30,000/-

No overheads are available under this scheme.

** If the selected student has M.Sc., with GATE/NET-JRF, then Project Associate-I may be given (@ Rs.25,000/- pm)+ HRA for which additional prior approval has to be taken from the Centre-Director, Indore Centre.

1. This project is sanctioned presently for one year but it may be extended on year basis subject to a total period of three years.
2. Dr. Kiran Singh will coordinate the activities of the project from CSR side.
3. Selection of research student in the project will be done as per the guidelines enclosed. **The PI may contact Centre-Director of Indore Centre for approving the CSR Nominee for the selection of the candidate.**
4. Ph.D. student appointed under the project is expected to spent at least 3 months in a year at the Consortium, if needed.
5. The major portion of the emerging thesis of respective Ph.D. student should be centered around and contain the results from Consortium.
6. This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.

.....Contd.....2

7. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
8. Research Student may be engaged following the guidelines attached herewith. Fellowship may be sanctioned as per the guidelines given in the addendum (enclosed). The Research student must be registered for a Ph.D. from a recognized University in their respective disciplines in a reasonable period of time after joining the project.
9. The CSR will be able to reimburse the travel expenses to investigators as per rules, limited to 2nd AC train fare visiting CSR, Indore Centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of CSR.
10. At the end of the financial year (i.e., March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
11. The PI along with the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
12. Selection of research student in the project will be done as per the guidelines enclosed. A CSR nominee is needed for this.
13. You may please send the following information along with your acceptance for sending the grants:
 - a) Name of the Bank
 - b) Name of Beneficiary
 - c) RTGS Code of the Bank
 - d) A/c No. of Beneficiary
 - e) Branch of the Bank

Please let me have your acceptance of the CRS under the above conditions by 21st April, 2018 so that money can be transferred to the Registrar of your university. The funds will be transferred after receiving the grants from University Grants Commission, New Delhi.

Yours sincerely,


(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
2. The Registrar, College of Commerce, Arts and Science, Patna
3. The PS to Centre-Director, CSR, Indore Centre for project file.



UGC-DAE Consortium for Scientific Research

(Formerly: Inter University Consortium for DAE Facilities; IUC-DAEF (An Autonomous institution under University Grants Commission, New Delhi) (A Society Registered Under M.P. Society RegistraranAdhinyam, 1973) Registered Office and Head Office : UGC-DAE Consortium, University Campus, Khandwa Road, Indore-452 017. Phone 0731-2463913/2762267/2463913 Fax: 0731-2462294/2465437

No. CSR/Accts/2017-18/248

12 June 2018

Speed Post

To
Principal,
College of Commerce, Arts & Science,
Kankarbagh, Main Road,
PATNA – 800 020 (Bihar)
India

Order Letter of UGC DAE CSR Project of Dr. Santosh Kumar (FY 2018-19)

Sub. : Collaborative research titled "**Use of Magnetic Nanoparticles for Water Treatment**" sanctioned to Dr. Santosh Kumar, Associate Professor, Dept. of Physics, College of Commerce, Arts & Science, Patna.

Ref: Our letter No. **CSR-IC/MSRSR-12/CRS-220/2017-18/1301** dated **31 March 2018**

Dear Sir,

An amount of **Rs. 2,39,880/-** has been deposited on 25-05-2018 in your Account No. **1646244527** in Central Bank of India, College of Commerce, Patna towards grants sanctioned for year 2017-18 to CRS project mentioned above. UTR No. of above transaction is **SBINR52018052500072793**. Detail of sanction is as follows:

S. No.	Particulars	Amount (Rs.)
1.	Project Fellow @Rs.14000/- pm + 16% HRA	1,94,880.00
2.	Contingency	15,000.00
3.	Consumables	30,000.00
	Total Deposited Amount	2,39,880.00

The next instalment of money, if any sanctioned, will be released only on production of a statement of account and a utilization certificate (**photo-copy of the format is enclosed herewith**) from your institution.

The conditions for the award of the grant in aid have been set out in our earlier letter cited above.

Please acknowledge receipt of this letter and send us a stamped receipt by return of post.

Yours sincerely,

Administrative Officer-I (Accounts)

Encl. as above.

Copy to : 1. Dr. Santosh Kumar, Associate Professor, Dept. of Physics, College of Commerce, Arts & Science, Patna

2. Centre-Director, UGC-DAE CSR, Indore.



Indore Centre
केन्द्र-निदेशक

UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग – परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

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(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly Inter University Consortium for DAE Facilities: IUC-DAEF)

Dr. V. Ganesan

Centre-Director

Ref: CSR-IC-MSRSR-12/CRS-220/2019-2020/266

May 24, 2019

Dr. Santosh Kumar
Dept. of Physics,
College of Commerce, Arts and Science, Patna

Sub:- Your proposal entitled "Use of Magnetic Nanoparticles for Water Treatment".

Dear Dr. Santosh Kumar,


We are happy to inform you that your CRS proposal has been renewed for one more year for the period 1st April, 2019 to 31st March, 2020, subject to compliance of other procedures:

The financial allocation for this year will be:

Project Fellow (@ Rs.14,000/- pm) + HRA	Rs. 1,68,000/- + HRA
Contingency	Rs.15,000/-
Consumables	Rs.30,000/-

1. Dr. R.J. Choudhary will coordinate the activities of the project from CSR side.
2. The Project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
3. The CSR will be able to reimburse the travel expenses to investigators as well as student under the project as per CSR guidelines for visiting CSR, Indore Centre on project work.
4. After 2 years as Project Fellow, if the research work is found satisfactory on assessment by a Committee with atleast one research paper in a reputed journal, the Project Fellow may be upgraded to Project Fellow-II with the fellowship of Rs.16,000/- pm + HRA.
5. The PI and the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
6. This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.
7. Money for the year 2019-20 will be transferred to the Registrar of your University under intimation to you by our Accounts Section after adjusting the unspent balance of the grant released earlier, if any, upto financial year ending on 31.3.2019, upon receiving the following: (a) Statement of Account for the period upto 31.3.2019 signed by the Registrar and (b) Certificate of Utilisation of money spent till 31.3.2019, signed by the Registrar.
8. **It may be noted that the funds will be released after receiving grants from UGC.**

Yours sincerely,


(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
2. The Registrar, College of Commerce, Arts and Science, Patna
3. The PS to Centre-Director, CSR, Indore Centre for project file.

विश्वविद्यालय परिसर, खण्डवा रोड, इन्दौर-452 001 (म.प्र.)

University Campus, Khandwa Road, INDORE - 452 001 (M.P.) INDIA

Phone : +91-731-2472200, 2908150 - Direct, PBX- 2463913, 2762267, 2472201 Exnt 192 311

Fax : +91-731- 2465437 ; e-mail : vganesan@csr.res.in; cd.indore@csr.res.in

www.csr.res.in

Order Letter of UGC DAE CSR Project of Dr. Santosh Kumar (FY 2018-19)



UGC-DAE Consortium for Scientific Research
(Formerly: Inter University Consortium for DAE Facilities; IUC-DAEF (An Autonomous Institution under University Grants Commission, New Delhi) (A Society Registered Under M.P. Society Registraran Adhinyam, 1973) Registered Office and Head Office : UGC-DAE Consortium, University Campus, Khandwa Road, Indore-452 017. Phone 0731-2463913/2762267/2463913 Fax: 0731-2462294/2465437

No. CSR/Accts/2019-20/1020

Speed Post

09 Jan 2020

To
The Registrar,
College of Commerce,
Arts & Science,
Kankarbagh,
Patna – 800020.

Sub. : Collaborative research titled "**use of Magnetic Nanoparticles for Water Treatment**". sanctioned to Dr. Santosh Kumar, Department. of Physics, College of Commerce, Arts & Science, Kankarbagh, Patna – 800020.

Ref: Our letter No. **CSR-IC-MSRSR-12/CRS-220/2019-20/266** dated **24 May 2019**

Dear Sir,

An amount of **Rs. 1,17,786/-** has been deposited on **08-01-2020** in your Account No. **1646244527** in Central Bank of India towards grants sanctioned for year 2019-20 to CRS project mentioned above. Detail of sanction is as follows:

S. No.	Particulars	Amount (Rs.)
1.	Project Fellow @ (Rs.14000*12)+ 16% HRA	1,94,880.00
2.	Contingency	15,000.00
3.	Consumables	30,000.00
	Total	2,39,880.00
	Less: Unspent Balance (-)	12,2094.00
	Balance Deposited Amount	1,17,786.00

Money has been transferred through PFMS Portal vide Trn. ID. **C012009186568** on 08-01-2020.

The next instalment of money, if any sanctioned, will be released only on production of a statement of account and a utilization certificate from your institution.

The conditions for the award of the grant in aid have been set out in our earlier letter cited above.

Please acknowledge receipt of this letter and send us a stamped receipt by return of post.

Yours sincerely,

Administrative Officer-I (Accounts)

Encl. as above.

- Copy to:
1. Dr. Santosh Kumar, Department. of Physics, College of Commerce, Arts & Science, Kankarbagh, Patna – 800020.
 2. Centre-Director, UGC-DAE CSR, Indore Centre.



Dr. D.M. Phase
Centre-Director (Offc.),
CSR, Indore Centre.

UGC-DAE Consortium for Scientific Research
(Formerly: Inter University Consortium for DAE Facilities; IUC-DAEF
An Autonomous Institution under University Grants Commission, New Delhi)
(A Society Registered under M.P. Society RegistrickaranAdhinyam, 1973)
Registered Office and Head Office: UGC-DAE Consortium, University Campus,
Khandwa Road, Indore – 452 001.
Phone 0731-2463913/2762267 Fax: 0731-2462294/2465437

4 February 2021

Ref: CSR-IC/MSRSR-12/CRS-220/2020-21/ 662

Dr. Santosh Kumar
Dept. of Physics,
College of Commerce, Arts and Science, Patna

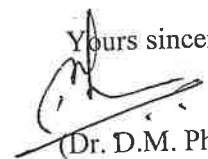
Sub:- Your proposal entitled "Use of Magnetic Nanoparticles for Water Treatment".

Dear Dr. Santosh Kumar,

We are happy to inform you that your CRS proposal has been renewed for one more year (last extension) for the period 1st April, 2020 to 31st March, 2021, subject to compliance of other procedures:

The financial allocation for this year will be:	
Project Fellow 1 (Rs.14,000/- pm) + HRA	Rs. 1,68,000 + HRA
Contingency	Rs.15,000/-
Consumables	Rs.30,000/-

1. Dr. R.J. Choudhary will coordinate the activities of the project from CSR side.
2. **The funds for six months will be released at present, the remaining funds will be released as soon as the grants received from UGC, New Delhi.**
3. The Project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
4. The CSR will be able to reimburse the travel expenses to investigators as well as student under the project as per CSR guidelines for visiting CSR, Indore Centre on project work.
5. The PI and the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
6. This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.
7. Money for the year 2020-21 will be transferred to the Registrar of your University under intimation to you by our Accounts Section after adjusting the unspent balance of the grant released earlier, if any, upto financial year ending on 31.3.2020, upon receiving the following: (a) Statement of Account for the period upto 31.3.2020 signed by the Registrar and (b) Certificate of Utilisation of money spent till 31.3.2020, signed by the Registrar.

Yours sincerely,

(Dr. D.M. Phase)

Copy to the following for information and necessary action:-

1. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
2. The Registrar/The Principal, College of Commerce, Arts & Science, Kankarbagh, Patna-800020.
3. The PS to Centre-Director, CSR, Indore Centre for project file.



UGC-DAE Consortium for Scientific Research
(Formerly: Inter University Consortium for DAE Facilities; IUC-DAEF
An Autonomous Institution under University Grants Commission, New Delhi)
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Registered Office and Head Office: UGC-DAE Consortium, University Campus,
Khandwa Road, Indore – 452 001.
Phone 0731-2463913/2762267 Fax: 0731-2462294/2465437

No. CSR/Accts/2020-21/ 685

February 8, 2021

The Registrar/Principal,
College of Commerce, Arts & Science,
Kankarbagh, Patna - 800020.

Sub:- Your CRS entitled "Use of Magnetic Nanoparticles for Water Treatment".
Ref:- Our sanction letter Ref: CSR-IC/MSRSR-12/CRS-220/2020-21/660, 4 February 2021

Dear Sir,

An amount of Rs. 1,02,978/- has been deposited on 5-2-2021 in your CRS Account No.1646244527 towards grants sanctioned for year 2020-21 (April, 2020 to September, 2020) to CRS project mentioned above. Details of sanction as follows:

S.No.	Particulars	Amount (Rs.)
1	Project Fellow (14,000 x 6) + 16% HRA	97,440
2	Contingency	7,500
3	Consumables	15,000
	Total Amount	1,19,940
	Less Unspent	16,962
	Balance deposited Amount	1,02,978

Money has been transferred through PFMS Portal vide Trn.ID. C022110426796 on 5-2-2021.

The remaining six months funds (i.e., from October 2020 to March, 2021) will be released as soon as the funds from UGC, New Delhi received.

The conditions for the award of the grant in aid have been set out in our earlier letter cited above.

Please acknowledge the receipt of this letter and send us a stamped receipt by return of post.

Yours sincerely,

Administrative Officer-I (Accounts)

Copy to the following for information and necessary action:-

1. Dr. Santosh Kumar, Dept. of Physics, College of Commerce, Arts & Science, Kankarbagh, Patna – 800020.
2. Centre-Director, CSR, Indore Centre.

Sanctioned Letter of SERB-DST Project of Dr. Ayan Mukherjee (FY 2022-23)

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
 (Statutory Body Established Through an Act of Parliament : SERB Act 2008)
 Science and Engineering Research Board
 3rd & 4th Floor, Block II
 Technology Bhavan, New Mehrauli Road
 New Delhi - 110016

Approval LetterFile Number: CRG/2022/005085

Dated: 02-Dec-2022

Subject: Project titled "Development of porous Co₃O₄ / NiCo₂O₄ nanostructured thin film for high performance supercapacitor electrode".

Dear Dr. Ayan Mukherjee,
 The project cited above has been recommended by the related Core Research Grant to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.
 The committee recommended the following budget

Manpower : Emoluments as per norms

-> Junior Research Fellow - 1

Equipment Details : Rs. 1075000

-> Programmable SILAR/ DIP Coating System - 1

-> Source meter (Source Measure Unit) - 1

Consumables : Rs. 500000

Travel Cost : As per norms

Contingencies : As per norms

Overhead : As per norms

You need to accept the above budgetary allocation before proceeding further. To accept the budgetary recommendations , you may follow the following steps :

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals
3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI"

You are requested to upload the following documents of the approved budget strictly within one month from the date of this letter.

- Upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any).
- Salary structure for the project staff (including HRA, Medical Benefits, if applicable etc.).
- A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.
- RTGS details of the implementing institute to facilitate transfer of the fund as per the template.
- Any other documents (as detailed below specific the programme concerned).

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Depending on the activity chosen, additional budget would be provided under separate head to carry out the chosen activities. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents

Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.

If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.

(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. CRG/2022/005085 may also be mentioned in all research communications arising from the above project.

Yours sincerely,
 (Dr. Sukumar Dey)
 Scientist C
 Email: dey.sukumar@serb.gov.in
 Ph: 01126511084

Dr. Ayan Mukherjee

PHYSICS

College Of Commerce, Arts And Science , Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd, Patna, Bihar-800020

FILE NO. CRG/2022/005085
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (A statutory body of the Department of Science & Technology, Government of India)
 Science and Engineering Research Board
 3rd & 4th Floor, Block II
 Technology Bhavan, New Mehrauli Road
 New Delhi - 110016

Dated: 13 January, 2023

ORDER

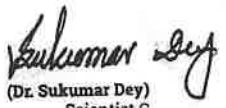
Subject: Financial Sanction of the research project titled **Development of porous Co₃O₄ / NiCo₂O₄ nanostructured thin film for high performance supercapacitor electrode** under the guidance of Dr. Ayan Mukherjee, PHYSICS, College of Commerce, Arts and Science, Opposite rajendra nagar terminal, kankarbagh main rd, Patna, Bihar-800020 - 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. 3514740/- (Rs. Thirty Five Lakh Fourteen Thousand Seven Hundred and Forty Only) with break-up of Rs. 1075000/- under Capital (Non-recurring) head and Rs. 2439740/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3514740/- has been approved are given below:

The following budget may be considered for College Of Commerce, Arts And Science, Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd


S.No	Head	Total (in Rs.)
A	Non-recurring	1075000
1	Equipment -> Programmable SILAR/ DIP Coating System -> Source meter (Source Measure Unit)	1075000
A'	Total (Non-Recurring)	
B	Recurring Items	1350240
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	750000 20000 319500
2	Recurring - IV : (Overhead Charges)	2439740
B'	Total (Recurring)	3514740
C	Total cost of the project (A' + B')	

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
3. 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.
4. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
6. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
8. 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.
9. 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.
10. The research personnel 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
11. 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.
12. The project File no. CRG/2022/005085 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
13. 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 SERB.
14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.


(Dr. Sukumar Dey)
Scientist C
dey.sukumar@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded 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. Ayan Mukherjee PHYSICS College of Commerce, Arts and Science, Opposite rajendra nagar terminal, kankarbagh main rd, Patna, Bihar-800020 Email: ayanmukherjee88@gmail.com Mobile: 919732107688 (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.	PRINCIPAL, College Of Commerce, Arts And Science, Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Sukumar Dey)
Scientist C
dey.sukumar@serb.gov.in

Order Letter of SERB-DST Project of Dr. Ayan Mukherjee (FY 2022-23)

FILE NO. CRG/2022/005085-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

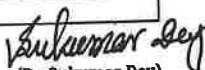
Dated: 13 January, 2023

ORDER

Subject: Research project entitled Development of porous Co_3O_4 / NiCo_2O_4 nanostructured thin film for high performance supercapacitor electrode under the guidance of Dr. Ayan Mukherjee, PHYSICS, College of Commerce, Arts and Science, Opposite rajendra nagar terminal, kankarbagh main rd, Patna, Bihar-800020.

1. In continuation of SERB's sanction order No. CRG/2022/005085 dated 13 January, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of Rs. **826600/-** under 'Grants-in-aid General' to College Of Commerce, Arts And Science, Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd, Patna, Bihar-800020 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 13 January, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (PAC Chemical and Environmental Engineering) (General).
5. The Sanction has been issued with the approval of the competent authority on 13 December, 2022 and vide Diary No. SERB/F/9192/2022-2023 dated 13 January, 2023.
6. The release amount of Rs. **826600/-** (Rupees Eight Lakh Twenty Six Thousand Six Hundred 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	BRPA00004803
Account Name	COCAS RESEARCH FUND
Account Number	5325395084
Bank Name & Branch	CENTRAL BANK OF INDIA COLL OF COMMERCE PATNA EXT CTR (03757), College of Commerce, Patna-800020, Bihar.
IFSC/RTGS Code	CBIN0283757
Email id of A/C Holder	ayan@cocaspatna.ac.in
Email id of PI	ayanmukherjee88@gmail.com


(Dr. Sukumar Dey)
Scientist C
dey.sukumar@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R. Building, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Ayan Mukherjee PHYSICS College of Commerce, Arts and Science, Opposite rajendra nagar terminal, kankarbagh main rd, Patna, Bihar-800020 Email: ayanmukherjee88@gmail.com Mobile: 919732107688 (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.	PRINCIPAL, College Of Commerce, Arts And Science, Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Sukumar Dey)
Scientist C
dey.sukumar@serb.gov.in

Order Letter of SERB-DST Project of Dr. Ayan Mukherjee (FY 2022-23)

FILE NO. CRG/2022/005085-C
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

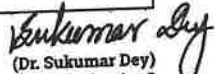
Dated: 13 January, 2023

ORDER

Subject: Research project entitled **Development of porous Co₃O₄ / NiCo₂O₄ nanostructured thin film for high performance supercapacitor electrode** under the guidance of Dr. Ayan Mukherjee, PHYSICS, College of Commerce, Arts and Science, Opposite rajendra nagar terminal, kankarbagh main rd, Patna, Bihar-800020.

1. In continuation of SERB's sanction order No. CRG/2022/005085 dated 13 January, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1075000/-** under 'Grants-in-aid Capital' to College Of Commerce, Arts And Science, Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd, Patna, Bihar-800020 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 13 January, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (PAC Chemical and Environmental Engineering) (Capital).
5. The Sanction has been issued with the approval of the competent authority on 13 December, 2022 and vide Diary No. SERB/F/9191/2022-2023 dated 13 January, 2023.
6. The release amount of **Rs.1075000/-** (Rupees Ten Lakh Seventy Five 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	BRPA00004803
Account Name	COCAS RESEARCH FUND
Account Number	5325395084
Bank Name & Branch	CENTRAL BANK OF INDIA COLL OF COMMERCE PATNA EXT CTR (03757), College of Commerce, Patna-800020, Bihar.
IFSC/RTGS Code	CBIN0283757
Email id of A/C Holder	ayan@cocaspatna.ac.in
Email id of PI	ayanmukherjee88@gmail.com


(Dr. Sukumar Dey)
Scientist C
dey.sukumar@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded 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. Ayan Mukherjee PHYSICS College of Commerce, Arts and Science, Opposite rajendra nagar terminal, kankarbagh main rd, Patna, Bihar-800020 Email: ayanmukherjee88@gmail.com Mobile: 919732107688 (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.	PRINCIPAL, College Of Commerce, Arts And Science, Opposite Rajendra Nagar Terminal, Kankarbagh Main Rd (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Sukumar Dey)
Scientist C
dey.sukumar@serb.gov.in



Ref:

Date: 15-05-2023

Sanction Order

Sanctioned Letter of UGC DAE CSR Project of Dr. Ayan Mukherjee & Dr. Santosh Kumar (FY 2022-23)

To,

The Registrar/Principal/Financial Authority,

Through Dr. AYAN MUKHERJEE

COLLEGE OF COMMERCE, ARTS & SCIENCE, PATLIPUTRA UNIVERSITY

Sanctioned Letter of SERB-DST Project of Dr.

Ayan Mukherjee (FY 2022-23)

Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle " by Dr. AYAN MUKHERJEE.

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. AYAN MUKHERJEE** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Ram Janay Choudhary**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹0	₹30,000	₹15,000	₹45000	0000-00-00	C032392284800

No overheads are available under this scheme

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number ."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.

7. At the end of the financial year (i.e. by March 31) the PI should submit:

- (i) Utilization Certificate in the format provided at our website for the amount spent and
- (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

Rules for selection of a CRS project fellow

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject (for Science) M.E. / M. Tech. (not earlier than 3 years) 1st Class (for Engineering)
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior) -I + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	Same as (1) + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior)-II + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.
2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.
3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.
4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.
5. Appointment of student in the project is not permitted in the second or third year of the project.

6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.

7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.

8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. AYAN MUKHERJEE, Dr. Ram Janay Choudhary, AO for information.



Narian Kr. Lengay
Administrative Officer-I
(UGC-DAE CSR)



Sanctioned Letter of ICSSR Project of Dr. Vidya Yadav (FY 2023-24)

Dr. Richa Sharma
Deputy Director
SCD Division (In-charge)
Tel # 011-26742140
Email: specialcall@icssr.org

Indian Council of Social Science Research
(Ministry of Education)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. 151/CRP-2023-1860/DDAY/SCD

Dated: 04-10-2023

To,

**The Principal
College of Commerce, Arts & Science, Patna
Bihar, 800020**

Subject: Sanction of **Short-term Empirical Research Project (Collaborative/Individual)** entitled **“Assessment of Deendayal Antyodaya Yojana (DAY) Utilization by Urban Homeless: A Study in the Selected Areas of Bihar”** to **Dr. Vidya Yadav, College of Commerce, Arts & Science, Patna**

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) has approved the award of **“Assessment of Deendayal Antyodaya Yojana (DAY) Utilization by Urban Homeless: A Study in the Selected Areas of Bihar”** the above Research Project submitted by **Dr. Vidya Yadav** of your Institution.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs. 1400000/-** for the above research project and the grant will be released as follows:

First instalment (50 % of sanctioned grant-in-aid)	: Rs. 700000/-
Second instalment (25 % of sanctioned grant-in-aid)	: Rs. 350000/-
Final instalment (25 % of sanctioned grant-in-aid)	: Rs. 350000/-
Total	: Rs. 1400000/-
Overhead charges over and above 7.5% or maximum Rs.1,00,000	: Rs. 100000/-

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization.
5. As the study involves empirical research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
 - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
 - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of two months in any case.

6. The Second instalment will be released after receiving a satisfactory **three months** progress report, data summary report, along with a statement of expenditure for the first instalment and Grant-in-Aid Bill for second installment.
7. The Third and Final instalment will be released on receipt of (a) Satisfactory book length of the Final Report (Two Hard Copies plus one Soft Copy in Pen-Drive) in the publishable form after incorporating all corrections, suggestions of the expert; (b) soft and 2 hard copies of Executive Summary of Final Report; (c) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution (d) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution. (e) The Grant-in-Aid Bill for the third installment.
8. Research undertaken by a Project Director may be reviewed by the Monitoring and Advisory Committee constituted by ICSSR and the project may be discontinued/ terminated, if research progress is found unsatisfactory or any ICSSR rules/guidelines are violated.
9. The Project Coordinator/Project Director would organize a workshop before submission of the final report. The workshop would deliberate on data collection process, compilation, organization and analyses of data on the respective scheme/policy initiative.
10. The ICSSR reserves all rights to publish the project funded by it, provided the work is recommended for publication by the ICSSR appointed expert/experts. In case, ICSSR approves the publication of the research work, the scholar should acknowledge that the project has been sponsored by the ICSSR, in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR.
11. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Coordinator, Co-Project Directors and research personnel connected with the research work.
12. The University/ Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messenger services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @7.5%** or maximum Rs. 1,00,000/- of the total expenditure incurred on the project only after successful completion of the project.
13. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
14. The Project Coordinator/ Project Director of the research project will be **Dr. Vidya Yadav**, who will be responsible for the completion of the research project within **5/6 Months** from the date of commencement of the project, which is **07.09.2023** as intimated by the scholar.
15. In case, the Project Coordinator/Project Director fails to submit the periodic / final project report as per schedule with adequate justification, the scholar will be debarred from availing all financial assistance from ICSSR in future.
16. All grants from ICSSR are subject to the general provision of GFR 2017 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
17. The Project Coordinator/Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org**
18. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**

19. All instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.

20. As per the instruction from MoE, the amount of grant sanctioned herein is to be utilized by **the end of the project duration**. The unspent amount shall be refunded to the ICSSR immediately on the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period/ or fails to submit the final report within the stipulated time, the grantee will be required to refund the amount of the grant released with a penal interest thereon @ 10% per annum.

Yours faithfully,

(Sd/- Dr. Richa Sharma)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. **Dr. Vidya Yadav**
Department of Geography,
College of Commerce, Arts & Science,
Patna, Bihar 800020
2. Dr. Moatula Ao
P.G Department of Population Studies
Fakir Mohan University, Vyasa Vihar, Nuapadhi, Balasore-756 089, Odisha
3. Dr. Ngangbam Sapana Devi
Lilong Haoreibi College, Lilong, Manipur
4. Dr. Rajeev Kumar
P.G. Department of Statistics
Patna University, Patna, Bihar
5. Finance Branch, ICSSR, New Delhi
6. Record file

(Sd/- Dr. Richa Sharma)
For MEMBER-SECRETARY

PROJECT BUDGET

Title: Assessment of Deendayal Antyodaya Yojana (DAY) Utilization by Urban Homeless: A Study in the Selected Areas of Bihar

By: Dr. Vidya Yadav

S. No.	Heads of Expenditure	Value
1	Research Staff: Full time/Part-time/Hired Services	Not exceeding 40% of the total budget.
2	Fieldwork: Travel/Logistics/Boarding, Survey Preparation or Consultancy etc.	Not exceeding 30%
3	Workshop to disseminate the outcomes of the project	Up to 15% (not exceeding INR 2.00 lakh for collaborative research)
4	Equipment and Study material: Computer, Printer, Source Material, Books, Journals, Software, Data Sets etc.	Not exceeding 10%
5	Contingency	Not exceeding 5%
6	Institutional Overheads (over and above the total cost of the project)	Affiliating Institutional overheads @ 7.5% of the approved budget , subject to a maximum limit of Rs 1,00,000/-

➤ Remuneration and Emoluments of Project Staff

(a) Project staff could be engaged by the Project Coordinator/Project Director on a full/ part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the Project Coordinator/Project Director within the limits of the sanctioned financial allocation and as per the ICSSR rules.

(b) Research Associate @ Rs.40,000/- p.m.. (Qualification – Post graduate in any social science discipline with minimum 55% marks and NET/SLET/M.Phil/Ph.D)

(c) Research Assistant @ Rs.32,000/-p.m.(Qualification-Ph.D./M.Phil./ Post graduate in social science discipline with minimum 55%)

(d) Field Investigator @ Rs.30,000/-p.m. (not exceeding 3 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)

(e) Retrospective payment for work already done is not permissible.

➤ **Re-appropriation:** The Institution may re-appropriate expenditure from one head to another up to 10% of the sanctioned budget with the prior approval of the ICSSR.

➤ **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Coordinator/ project Director; (2) One outside Expert (other than the Institute where the project is located); (4) Head of the Department/Dean of relevant faculty.

➤ **For all field work related expenses** of Project Coordinator/Project Director, Co-Project Director and project personnel, rules pertaining to affiliating institutes shall be followed.

➤ **All equipment and books** purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Coordinator/ Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.

➤ **Purchase of equipment/ assets** for the Research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.

➤ **No publication/presentation** in any form related the awarded research shall be made by the researcher or any member of the research team without prior approval of the ICSSR