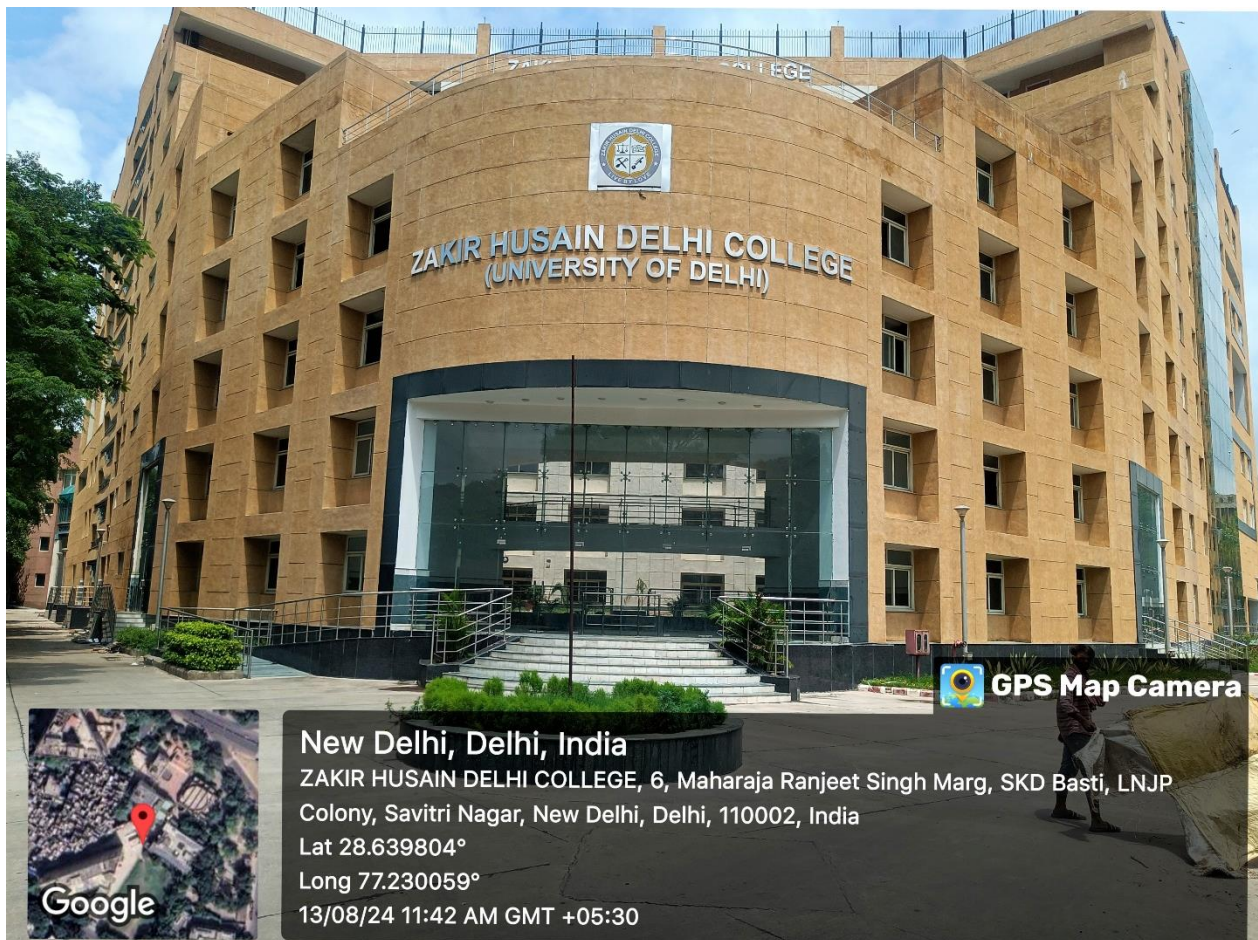




# ZAKIR HUSAIN DELHI COLLEGE UNIVERSITY OF DELHI



## SUPPORTING DOCUMENT: 3.1.1 (2024-19)

**Total Grants from Government and non-governmental agencies for research projects  
/ endowments in the institution during the last five years (INR in Lakhs)**

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No. **ERIP/ER/202210002/M/01/1809**  
**Directorate of Extramural Research &  
Intellectual Property Rights (ER&IPR)**  
Defence Res & Dev Orgn (DRDO)  
V<sup>th</sup> Floor, DRDO HQ. ANNEXE  
Metcalfe House, Civil Lines  
Delhi - 110054

Dated: 14 Nov 2022

To

Dr. Ravi Kant  
Assistant Professor  
Dept. of Chemistry  
Zakir Husain College  
University of Delhi  
New Delhi - 110 002

Sub: Grants-in-Aid for research project titled "Fabrication and Evaluation of Polymer Composites for Microwave Absorption (2-18 GHz)."

Approval of the competent authority is hereby conveyed for a grant of **Rs. 47.595 Lakh** (Rupees Forty Seven Lakhs Fifty Nine Thousand Five Hundred Only), to Zakir Husain College, University of Delhi for pursuing the research on the subject titled project Dr. Ravi Kant, Assistant Professor, Dept. of Chemistry, Zakir Husain College, University of Delhi, New Delhi - 110 002 as Principal Investigator and Dr. Mohammed Fahim Ansari as Co-Investigator.

2. The grant shall be spent as follows:

Expenditure on ↓ (Rs in lakh) during →	Year 1	Year 2	Year 3	Line Total
a) Staff :				
01 Junior Research Fellow (JRF) @ Rs. 31,000/- pm + 27% HRA for first two years &	4.724	4.724	5.334	14.782
01 Senior Research Fellow (SRF) @ Rs. 35,000/- pm + 27 % HRA for last third year				
b) Equipment (including spares thereof)	10.000	0.000	0.000	10.000
c) Operation and maintenance	0.500	0.500	0.500	1.500
d) Expendables	5.000	5.000	2.000	12.000
e) Travel (Domestic)	0.500	0.500	0.350	1.350
f) Contingencies	0.500	0.500	0.350	1.350
g) Research Consultant	0.000	0.000	0.000	0.000
h) Procured services (other than (g)) and metered utilities	1.000	1.000	0.500	2.500
i) Institutional Overheads Charge	1.371	1.371	1.371	4.113
<b>Column Totals</b>	<b>23.595</b>	<b>13.595</b>	<b>10.405</b>	<b>47.595</b>

**Grand total: Rs. 47.595 Lakh (Rupees Forty Seven Lakhs Fifty Nine Thousand Five Hundred Only).**

- 3) The project will last for **Three Years** from the **date of release of the first installment by the PCDA (R&D)** and it will be governed by the terms and conditions given overleaf.
- 4) Objectives of the proposal and its application to Defence (DRDO)
- Development of a lightweight polymer composite based on filled toughened epoxy for microwave absorption in a wide frequency range (2-18 GHz).
  - A multi layered composite will be fabricated using nano-fillers and layers having high dielectric constant; and high dielectric loss and magnetic properties.
  - The composite is expected to deliver the desired results using synergistic effects of multiple layers and fillers.



5) The deliverables of the project are:-

- An EMI shield which will absorb the entire microwave frequency range of 2-18 GHz will be delivered to DMSRDE.
  - The performance of the composite will be as per required industry standard.
- 6) This sanction issues in exercise of powers conferred to Sl. No. 3.1 of GOI Ministry of Defence letter No. DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18<sup>th</sup> Dec 2019.
- 7) The release of funds will be authorized by Accounts Officer of the Directorate of ER&IPR.
- 8) The expenditure is debitable to Major Head 2080 - Defence Services – Research & Development, Minor Head 004 – Research/Research & Development, Sub-Head (C)- Extramural Research (EMR) Code Head 852/06.
- 9) This is issued with the concurrence of IFA(R&D) New Delhi vide their U.O. No. IFA/R&D/0031/ER&IPR/0894 dated 01/11/2022.
- 10) The sanction code of ER&IPR is DGTM/ERIP/GIA/22-23/239 dated 09/11/2022.
- 11) Grantee Institutes to open a saving bank account and refund the accrued interest. In case of common account held by institute, the institute can reflect the interest accrued separately and refund the accrued interest.
- 12) Interest accrued to be refunded to DRDO through Demand Draft in favour of CDA (R&D), New Delhi.**

  
(Dr. Shiv Kumar)  
Director (ER&IPR)

**Copy to:-**

- i) The Principal, Zakir Husain Delhi College (University of Delhi), New Delhi – 110 002. The cheque will be issued by PCDA in his favour.
- ii) The Director, DMSRDE, DRDO, GT Road, Kanpur – 208 013.
- iii) Dr. Himanshu Baskey, Sc 'F', DMSRDE, DRDO, GT Road, Kanpur – 208 013 - as Domain Scientist.
- iii) Dr. Ashish Dubey, Sc 'F', DMSRDE, DRDO, GT Road, Kanpur – 208 013 - as Domain Scientist.
- iv) PCDA (R&D, DRDO CELL), West Block -V, Sector 1, R.K. Puram, New Delhi - 110 066 - one ink signed copy.
- v) IFA (R&D), DRDO, HQrs, Rajaji Marg, New Delhi - 110 105 - One ink signed copy.
- vi) The Principal Director of Audit Defence Services, Sc No – 01, Finance Office Road, Pune - 411001.

**Terms and Conditions:-**

- a. The grant will be spent exclusively for the purpose for which it is given and the progress of the project will be reviewed periodically by DRDO.
- b. The first installment shall be released on receipt of Contingent Bill duly signed by PI and Administrative Authority of the Grantee Institution.
- c. Prior approval of DRDO shall be required to change the funds/sanctioned. Any excess payment without prior approval of DRDO will be borne by the Grantee Institute.
- d. The release of funds will be authorized by Account Officer of the Directorate of ER&IPR.
- e. **DRDO reserve the right to terminate the grant at any stage**, if convinced that the grant has not been properly utilized or appropriate progress has not been made/achieved.
- f. The procurement of equipments, as per rules and regulations of the grantee institution, shall be strictly as per approved list as projected in the proposal.
- g. Appointment of staff shall be as per rules and regulations of the grantee institution and selection proceedings, joining report and qualification of selected candidates be sent to this Directorate. Govt. regulations be followed, as applicable.
- h. Utilization certificate, statement of accounts and technical report to be submitted to this Directorate annually in time.



- i. Assets of a capital nature acquired wholly or substantially out of this grant are the property of DRDO. Without the prior approval of DRDO these shall not be disposed of. At the close of the project, if the grantee institution wants to retain the equipment for future work a request with full justification and an undertaking saying that grantee institution will be responsible for its maintenance, to be submitted to DRDO and if the request is approved, grantee institute may retain it. The equipment shall be available to DRDO Scientists without any usage charges as and when required. Acquiring/disposal of equipment under project will be strictly governed by para 5.6 of SOP of Dte ER&IPR.
- j. The grantee institution will maintain a record of these assets. A copy of the record, certified by the competent authority of the institution, shall be sent annually to the Directorate of ER&IPR.
- k. When demanding monies, subsequent to the first installment, the grantee institution shall send the audited statement of expenditure, utilization certificate, in the prescribed formats, and another certifying that the unspent balance of the previous installments has either been carried forward into the subsequent demand, or has been surrendered to DRDO. Any interest generated shall be reflected in statement of accounts and it shall be treated as money released and adjusted in subsequent release.
- l. The accounts maintained by the grantee institution shall be available for inspection by the Comptroller & Auditor General of India/PCDA (Internal Audit).
- m. Monies remaining with the grantee institution at the close of the project (including by short closure) shall be returned to DRDO without any delay.
- n. **In case of the PI leaving the Institution or going abroad etc, the Executive authority of the grantee institute to whom the Project has been sanctioned will ensure that the PI submits detailed technical and financial report of the work done before his/her relieving.**
- o. **The PI will submit closure report to DRDO after completion/closure/termination of the Project.** The report must be attached with all necessary certificates and financial details.
- p. Following policy on the Intellectual Properties generated under the scheme will be taken care of:-
  - 1) All Foreground Information and Foreground Intellectual Property, created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint Foreground Information and Foreground Intellectual Property Rights for their own R&D purpose.
  - 2) Grantee Institution shall not publish any research paper covering Foreground Information generated during the performance of the Project before seeking written consent from DRDO to assure that no proprietary information is released and no legal rights covering Foreground Information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.
  - 3) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering Foreground Information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Property Applications including patent applications and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.
  - 4) Grantee Institution may commercially exploit any Foreground Information and Foreground Intellectual Property Rights, generated during the performance of the Project, whether or not legally protected, for purpose other than Government Applications upon conclusion of the separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.
  - 5) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, world-wide perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purpose of Government Applications including armed forces and paramilitary forces.
  - 6) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially supplying product/process based upon any Foreground Information and Foreground Intellectual Property, generated during the performance of project,



whether or not legally protected, to any particular third parties, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.

- 7) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or the Grantee Institute of the Intellectual Property Rights of third parties.
- 8) The term of the above provision shall survive the term of the Project.
- q. The ownership of intellectual property generated by research performed under this grant, whether or not legally protected, shall vest in the grantee institution. The grantee institution shall promptly report to DRDO its intention to protect legally any such intellectual properties.
- r. DRDO shall be deemed to have an irrevocable and royalty-free license to use such intellectual properties, whether or not legally protected, for such purposes as DRDO may decide, keeping the grantee institution informed.
- s. The grantee institution shall consult DRDO prior to contracting any agreement that envisages the use of such intellectual properties, whether or not legally protected, during or after the closure of the activities conducted through its grant. In any such agreement, the grantee institution shall declare that its ownership over the intellectual properties is encumbered to the extent of above para.
- t. Neither DRDO nor the Government of India accept any liability for infringement, innocent or otherwise, by the grantee institution or the investigators, of the intellectual or other property rights of third parties.
- u. The grantee shall comply with all laws in force. Neither DRDO nor the Government of India accept any responsibility for any failure to so comply; nor for any liabilities, damages or other compensation awarded by any statutory authority or court.
- v. Notwithstanding anything contained above, any and all intellectual property generated by the collaborative efforts of DRDO scientists and grantee institution scientists/faculty during any research activity covered under this project, shall be jointly held in the name of grantee institution and DRDO.

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## नियम एवं शर्त :-

- क. अनुदान को विशेष तौर पर उस उद्देश्य के लिए खर्च किया जाएगा जिसके लिए यह दिया गया है और परियोजना की प्रगति की डीआरडीओ द्वारा समय-समय पर समीक्षा की जाएगी ।
- ख. प्रथम किश्त अनुदानग्राही संस्थान के पीआई और प्रशासनिक प्राधिकारी द्वारा विधिवत हस्ताक्षरित फुटकर बिल प्राप्त होने पर ही जारी की जाएगी ।
- ग. निधियों/स्वीकृतियों को बदलने के लिए डीआरडीओ के पूर्व अनुमोदन की आवश्यकता होगी । डीआरडीओ के पूर्व अनुमोदन के बिना किया गया कोई भी अतिरिक्त भुगतान अनुदानग्राही संस्थान द्वारा वहन किया जाएगा ।
- घ. फंड की निकासी ई आर एण्ड आई पी आर निदेशालय के लेखा अधिकारी द्वारा प्राधिकृत की जाएगी ।
- ङ. अनुदान के सही प्रकार से उपयोग ना होने या उपयुक्त प्रगति ना होने/प्राप्त ना होने की स्थिति में आश्वस्त होने पर डीआरडीओ के पास किसी भी चरण में अनुदान समाप्त करने का अधिकार सुरक्षित है।
- च. अनुदानग्राही संस्थान के नियमों तथा विनियमों के अनुसार उपस्करों का प्रापण प्रस्ताव में अनुमानित स्वीकृत सूची के अनुसार सही हो ।
- छ. स्टाफ की नियुक्ति अनुदानग्राही संस्थान के नियम एवं शर्तों के अनुसार होगी और चयन कार्यवाहियां, कार्यग्रहण रिपोर्ट और चयनित अभ्यर्थियों की योग्यता इस निदेशालय को भेजी जाए । सरकारी विनियमों का जैसा लागू हो पालन किया जाए ।
- ज. उपयोगिता प्रमाणपत्र, लेखा विवरणी और तकनीकी रिपोर्ट समय पर प्रति वर्ष इस निदेशालय में जमा की जाए ।
- झ. इस अनुदान में से पूर्ण रूप से या आंशिक रूप में ली गई पूंजी डीआरडीओ की सम्पत्ति है । डीआरडीओ के पूर्व अनुमोदन के बिना इनका निपटान नहीं किया जाना चाहिए । परियोजना के बंद होने के समय यदि अनुदानग्राही संस्थान भविष्य के कार्य के लिए उपस्कर को बनाए रखना चाहता है तो पूर्ण औचित्य वाला कथन की इसके रखरखाव के लिए अनुदानग्राही संस्थान जिम्मेवार होगा इस आश्वासन की प्रार्थना डीआरडीओ को देनी होगी और यदि प्रार्थना स्वीकार हो जाती है तो अनुदानग्राही संस्थान इसे रख सकता है । उपस्कर की जब और जैसे आवश्यकता होगी डीआरडीओ वैज्ञानिकों को बिना उपयोग शुल्क के उपलब्ध कराया जाएगा ।
- (ट) अनुदानग्राही संस्थान इन परिसंपत्तियों का रिकार्ड बनाए रखेगा । संस्थान के सक्षम प्राधिकारी द्वारा प्रमाणित रिकार्ड की एक प्रति ईआर एवं आईपीआर निदेशालय को प्रतिवर्ष भेजी जाएगी ।
- (ठ) प्रथम किश्त के बाद रुपये की मांग करने पर अनुदानग्राही संस्थान विहित फार्मेटों में व्यय का लेखापरीक्षित विवरण उपयोगिता प्रमाणपत्र तथा यह प्रमाणित करने वाला अन्य कि पिछली किश्तों का अव्ययित शेष को या तो बाद की मांग में अग्रणीत किया गया है या डीआरडीओ को सौंपा गया है, भेजेगा । किसी भी जनित ब्याज को लेखाओं के विवरण में दर्शाया जाएगा और इसे जारी की गई राशि और बाद की राशि में समायोजित माना जाएगा ।
- (ड) अनुदानग्राही संस्थान द्वारा रखे गए लेखाओं को भारत के नियंत्रक तथा महालेखा परीक्षक/पीसीडीए (आंतरिक लेखा परीक्षा) के निरीक्षण हेतु उपलब्ध कराया जाएगा ।
- (ढ) परियोजना के बंद होने (लघु समापन सहित) के समय शेष राशि को बिना किसी देरी के डीआरडीओ को वापस किया जाएगा ।

- 7) डीआरडीओ तीसरे पक्षकारों के बौद्धिक संपदाओं की अनुदानग्राही संस्था अथवा पीआई द्वारा उल्लंघन, निर्दोष अथवा अन्यथा के लिए किसी जिम्मेवारी के लिए उत्तरदायी नहीं होगा और स्वीकार नहीं करेगा ।
- 8) उपर्युक्त उपबंधों की शर्त परियोजना की शर्त को बनाए रखेगी ।
- (ध) इस अनुदान के अंतर्गत किए गए अनुसंधान से उत्पन्न बौद्धिक संपदा का स्वामित्व, चाहे वह कानूनी रूप से संरक्षित हो या नहीं, अनुदानग्राही संस्थान में निहित होगा । अनुदानग्राही संस्थान ऐसी बौद्धिक संपदाओं को कानूनी रूप से संरक्षित करने के अपने इरादे की रिपोर्ट तुरंत डीआरडीओ से करेगा ।
- (ड) डीआरडीओ को ऐसे प्रयोजनों के लिए ऐसी बौद्धिक संपदाओं चाहे वे कानूनी रूप से संरक्षित हों या नहीं, अविकल्पी तथा रॉयल्टी मुक्त रूप से प्रयोग करने की स्वतंत्रता होगी जैसा कि डीआरडीओ अनुदानग्राही संस्थान को सूचित करते हुए निर्णय लेता है ।
- (प) अनुदानग्राही संस्थान इस अनुदान के जरिए संचालित होने वाले क्रियाकलापों के समापन के दौरान या उसके बाद ऐसी बौद्धिक संपदाओं चाहे वे कानूनी रूप से संरक्षित हों या नहीं, के प्रयोग के लिए अनुबंध की संविदा करने से पहले डीआरडीओ से परामर्श करेगा । ऐसे अनुबंध में अनुदानग्राही संस्थान इस बात की घोषणा करेगा कि बौद्धिक संपदाओं पर इसका स्वामित्व उपर्युक्त पैरा के अनुसार भारित है ।
- (फ) न तो डीआरडीओ और न ही भारत सरकार तीसरे पक्षकारों की बौद्धिक या अन्य संपदा अधिकारों का अनुदानग्राही संस्थाओं या निवेशकों द्वारा उल्लंघन, बेगुनाही या अन्य बातों की कोई जिम्मेवारी स्वीकार नहीं करता है ।
- (ब) अनुदानग्राही लागू सभी नियमों का पालन करेगा । न तो डीआरडीओ और न ही भारत सरकार इसे पालन करने में विफलता, न ही दायित्वों, क्षतियों या किसी संविधिक प्रधिकरण या न्यायालय से दिए गए अन्य मुआवजों की जिम्मेदारी लेता है ।
- (भ) तथापि उपर्युक्त में अंतर्निहित किसी बात, इस परियोजना के अंतर्गत शामिल किसी अनुसंधान कार्य के दौरान डीआरडीओ के वैज्ञानिकों तथा अनुदानग्राही संस्थान के वैज्ञानिकों/संकाय के समन्वित प्रयासों से उत्पन्न किसी और सभी बौद्धिक संपदा को अनुदानग्राही संस्थान और डीआरडीओ के नाम संयुक्त ।

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## INDIAN KNOWLEDGE SYSTEMS DIVISION

Ministry of Education, Govt of India.

AICTE Headquarters, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070.

Website: [www.iksindia.org](http://www.iksindia.org)

Tel: 011-29581523/1005.

F.No. 2-39 IKS Internship 2023-24/87

Dated:05/07/2023

Dear **Dr. Manjeet Singh Barwa**,

Namaste, Congratulations! Your following Institutional internship proposal submitted to the IKS Division has been approved for funding after a rigorous peer review.

- **Title:** भारतीय रसायन शास्त्र व रसायन वैज्ञानिकों का इतिहास
- **Principal Investigator:** Dr. Manjeet Singh Barwa, Zakir Husain Delhi College, University of Delhi.
- **Co-Principal Investigator:** Dr. Dharampal
- **Person Months:** 30
- **Duration of the project:** 6 Months
- **Sanctioned amount:** Total Rs.3,75,000/- (Three Lakhs Seventy-Five Thousand Only) First Installment release Rs.3,18,750 (Three lakhs Eighteen Thousand Seven Hundred Fifty Only)

Congratulations on your project funding! From IKS Division.

The reporting requirements and mid-project review process have been detailed in the sanction letter.

Your proposal was selected from a pool of 158, after a very rigorous evaluation process. This is a major achievement, and we congratulate you and your team for this accomplishment. We wish you the very best in your research, and we are here to support you in any way that we can. Please do not hesitate to reach out if you have any questions.

Best Wishes,

**Prof. Ganti S Murthy**  
National Coordinator,  
IKS Division, MoE,  
Govt. of India.



*Speed Post/By Hand*

Dr. S. N. Chari  
Deputy Director  
RP Division  
Tel # 011-26742351  
Email: rpddivision@icssr.org

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

\*\*\*\*\*  
**SANCTION ORDER**

F. No. ICSSR/RPD/MN/2023-24/G/150

Dated. 19.02.2024

To,  
✓ **The Principal**  
Zakir Husain Delhi College,  
Jawaharlal Nehru Marg,  
University of Delhi,  
Delhi-110 002

<b>Subject:</b>	Sanction of Minor Research Project entitled " <b>Women Sants of North India: Recovering an Indigenous Literary and Feminine Spiritual Tradition</b> " to <b>Dr. Namrata Chaturvedi</b> under ICSSR Research Projects 2023-24.
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Dear Sir/Madam,

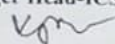
1. The Indian Council of Social Science Research (ICSSR) approved the award of Research Project entitled "**Women Sants of North India: Recovering an Indigenous Literary and Feminine Spiritual Tradition**" submitted by **Dr. Namrata Chaturvedi** of your Institution.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. As per the evaluation/Interaction Committee decision, project director is required to carry out the following Suggestions in the Project: .....NIL.....
4. The ICSSR has sanctioned a grant-in-aid of **Rs.7,50,000/-** for the above research project and the grant will be released as follows:

<b>First instalment ( 50 % of the awarded grant)</b>	<b>Rs.3,75,000/-</b>
<b>Second instalment ( 40 % of the awarded grant)</b>	<b>Rs.3,00,000/-</b>
<b>Final instalment ( 10 % of the awarded grant)</b>	<b>Rs.75,000/-</b>
<b>Total</b>	<b>Rs.7,50,000/-</b>
<b>Overhead charges over and above (7.5% of the Awarded grant, subject to a maximum limit of Rs.1,00,000) (Released after successful completion of project)</b>	<b>Rs.56,250/-</b>

5. **The first instalment** (50% from the total awarded grant) will be released after completing the necessary formalities of joining by the Project Director along with the grant-in-aid bill (GIB) duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (Needs to submit, if not yet submitted as per the award letter instructions).
6. The Project Director needs to submit a satisfactory six months Progress Report (as per the format provided in website) during the project period. In case, the study involves survey research, the finalized schedules/questionnaires designed to elicit information should be sent to the ICSSR along with the progress report.
7. **The Second Instalment** (40% from the total awarded grant) will be released after receiving book length Final Report in soft copy (both word and PDF format), Executive Summary of Final Report in soft copy (both word and PDF format), 500 words abstract of the Final Report in soft copy, one research paper published in peer reviewed journal duly acknowledging ICSSR, similarity index score (Plagiarism check) sheet (maximum allowed 10%), simple statement of accounts with 60% and above utilisation from the already released grant along with grant-in-aid bill towards the second instalment. Project Director is



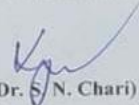
required to submit hard copies of the Final Report only after the confirmation from the ICSSR after incorporating the suggested changes.

8. **Third and Final instalment** (remaining 10% from the total awarded grant) will be issued after receipt of recommendation of the expert for acceptance of the Final Report, Audited statement of accounts (AC) in prescribed format with utilization certificate (UC) in GFR-12A form for the entire approved project amount duly signed by the Finance Officer/Registrar/Director of the affiliating Institution, verification of all documents and decision on retaining of equipment and books etc. The institutions of which the accounts are not audited by CAG/AG, their utilisation certificate will be signed by the Finance Officer and a chartered accountant.
9. The scholar needs to acknowledge the support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, etc.) and should submit a copy of the same to the ICSSR during its course/after completion.
10. The University/Institution of affiliation will provide office accommodation to the scholar, including furniture, library and research facilities, and messenger services. For this, the ICSSR shall pay the overhead charges at 7.5 % of the awarded budget of the project, subject to a maximum limit of Rs. 1,00,000/- to the University/Institution of affiliation only after the successful completion of the project.
11. 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.
12. The Director of the research project will be **Dr. Namrata Chaturvedi**, who will be responsible for its completion within 12 **Months** from the date of commencement of the project, which is **1st March 2024** as intimated by the scholar.
13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be asked to refund the entire sanction amount and also debarred from availing all future financial assistance from the ICSSR.
14. All grants from the ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
15. The Project Director will ensure that the expenditure incurred, to be with in the approved budget and the grant-in-aid is subject to all the conditions laid down in the guidelines of the Research Projects.
16. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.** (for ICSSR USE ONLY) 
17. All project instalments will be transferred through EAT Module of Public Financial Management System (PFMS) / RBI Account for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds with affiliating institution.
18. As per Ministry of Education, Govt. of India instructions, the amount of grant sanctioned herein is to be utilized **by the end of the project duration**. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after 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, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.
19. Project staff could be engaged on a full/part-time basis during the research work and the employment duration may be decided by the Project Director. Selection of Research Staff should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department/Dean of relevant faculty duly approved by the competent authority.
20. The consolidated monthly emoluments and the qualifications to the project staff be fixed as follows:

Sl. No.	Staff	Revised Rates	Qualifications
1	Research Associate	Rs.47,000/- p.m.	Post graduate in social science discipline (55% minimum) with NET /M.Phil. / Ph.D
2	Research Assistant A	Rs.37,000/- p.m	Ph.D./M.Phil/ Post graduate in social Science discipline with minimum 55%)
3	Field Investigator	Rs.20,000/- p.m	Post Graduate in social science discipline (55% minimum)

21. **For all field work related expenses** of Project Director, Co-Director and project personnel, rules pertaining to affiliating institutes shall be followed.
22. **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 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.
23. **Purchase of equipment/ assets** for the research Project is permissible only if it is originally proposed and approved by the ICSSR.
24. The proportionate allocation of expenditure for the budget heads such as Fieldwork (Travel / Logistics / Boarding, Survey Preparation or Consultancy etc.); Equipment and Study material (Computer, Printer, Source Material, Books, Journals, Software, Data Sets, workshop etc.); and Contingency charges etc., to be decided by the Project Director in consultation with the affiliating institution

Yours faithfully,

  
(Dr. S. N. Chari)

For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. **Dr. Namrata Chaturvedi, Assistant Professor**  
Department of English,  
Zakir Husain Delhi College,  
Jawaharlal Nehru Marg,  
University of Delhi, Delhi-110 002
2. **Finance Branch, ICSSR, New Delhi**
3. **Record file**





**Dr. S. N. Chari**  
**Deputy Director**  
**RP Division**  
**Tel # 011-26742351**  
**Email:rpdivision@icssr.org**

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

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**AWARD LETTER**

**F. No. ICSSR/RPD/RPR/2023-24/2**

**Dated: 23/03/2024**

To,  
**The Director**  
India Foundation, Delhi

<b>Subject:</b>	Award Letter of Research Programme titled “ <b>History and Cultural Traditions of Kalinga and Champa: Retracing the Cultural and Civilizational Linkages</b> ” submitted by the <b>India Foundation, Delhi</b> , under the call for Project Proposals on “History and Sociology of Art, Craft, Culture and Folk Traditions of the Regions of India 2023-2024.
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Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) has approved the award of Research Programme titled “**History and Cultural Traditions of Kalinga and Champa: Retracing the Cultural and Civilizational Linkages**” submitted by the **India Foundation, Delhi with Dr. Sonu Trivedi**, as the Project Coordinator and **Dr. Shristi Pukhrem** as Co-Project Coordinator(s) for a period of 24 months with effect from **1<sup>st</sup> April 2024**.
2. The study is to be located at and financially administered by your institution.
3. As per the evaluation/Interaction Committee decision, the Project Coordinator is required to carry out the following Suggestions in the Project: **NIL**
4. The ICSSR has sanctioned a grant-in-aid of **Rs.4500000/- Rupees Forty Five Lacs OnlyOnly)** for the above research programme and the grant will be released as follows:

<b>First instalment ( 40 % of the awarded grant)</b>	<b>Rs.1800000/-</b>
<b>Second instalment ( 30 % of the awarded grant)</b>	<b>Rs.1350000/-</b>
<b>Third instalment ( 20 % of the awarded grant)</b>	<b>Rs.900000/-</b>
<b>Final instalment ( 10 % of the awarded grant)</b>	<b>Rs.450000/-</b>
<b>Total</b>	<b>Rs.4500000/-</b>
<b>Overhead charges over and above (7.5% of the awarded grant, subject to a maximum limit of Rs.1,00,000)</b>	<b>Rs.100000/-</b>

5. The proportionate allocation of expenditure for the budget heads such as Fieldwork (Travel / Logistics / Boarding, Survey Preparation or Consultancy etc.); Equipment and Study material (Computer, Printer, Source Material, Books, Journals, Software, Data Sets, workshop etc.); and Contingency charges etc., to be decided by the Project Director in consultation with the affiliating institution.
6. The Programme will be monitored by the Advisory Committee set up by the ICSSR consisting of 2 domain experts and the research undertaken by the Project Coordinator will be reviewed through this Advisory Committee.
7. The Project Coordinator needs to arrange two meetings with the Advisory Committee during the programme tenure.

8. The first Advisory Committee will be convened upon completion of the 12-month milestone of the program and subsequently during the submission of the final report to assess the progress made by the Project Coordinator. The Committee will review the programme's progress and recommend the release of subsequent installments based on their evaluation.
9. The travel allowances and hospitality expenses will be covered by the project funds allocated for fieldwork, in accordance with your institution's guidelines. Additionally, a sitting fee of Rs. 5000/- will be provided to Advisory Committee Members for attending the meetings.
10. **The First Installment** (40% from the total awarded grant) will be released after completion of the necessary formalities of joining by the institution/ Project Coordinator along with submission of the grant-in-aid bill (GIB) duly filled in, stamped and signed by the Project Coordinator as well as the affiliating organization. (Needs to submit, if not yet submitted as per the announcement letter instructions).
11. In case, the study involves survey research, the finalized schedules/questionnaires designed to elicit information should be sent to the ICSSR along with the progress report.
12. **The Second Installment.** The second instalment (30% from the total awarded grant) will be released after receiving a satisfactory Progress Report of the first twelve months along with the signed minutes of the Advisory Committee (1<sup>st</sup> Meeting) approving progress made by the Project Coordinator and recommending release of second instalment. In addition a simple Statement of Accounts with 60% and above utilisation of the first instalment amount and proof of two published research papers in peer reviewed, high impact quality journal, acknowledging ICSSR are required along with grant-in-aid bill towards the second instalment.
13. **The Third Installment** (20% from the total awarded grant) will be released after receiving book length Final Report; Executive Summary of Final Report; 500 words abstract of the Final Report (both MS word and PDF formats); signed minutes of the Advisory Committee (2nd meeting) approving progress made by the Project Director and recommending release of third instalment; two published research papers (total four papers during the project period) in the peer reviewed high impact quality journal while acknowledging ICSSR; similarity index score (up to maximum 10%) sheet of final report; simple statement of accounts for the expenditure of the spent so far amount along with grant-in-aid bill towards the third instalment.
14. **Fourth and Final Installment** (remaining 10% from the total awarded grant) will be issued after receipt of recommendation of the expert for acceptance of the Final Report; the Audited statement of accounts (AC) in prescribed format with utilization certificate (UC) in GFR-12A form for the entire approved project amount duly signed by the Finance Officer/Registrar /Director of the affiliating Institution; Verification of all documents and decision on retaining of equipment and books etc. needs to be submitted. The institutions where the accounts are not audited by CAG/AG, shall get their utilisation certificates will be signed by the Finance Officer and a Chartered Accountant.
15. The University/Institution of affiliation will provide office accommodation to the Project Coordinator, including furniture, library and research facilities, and messenger services. For this, the ICSSR shall pay the overhead charges at 7.5 % of the awarded budget of the project, up to a maximum limit of Rs. 1,00,000/-, to the University/Institution of affiliation only after the successful completion of the project.
16. Project staff can be engaged on a full/part-time basis during the research work and the employment duration may be decided by the Project Coordinator in accordance with the recommendations of the Interaction Committee Experts. Selection of Research Staff should be done through an advertisement and a selection committee consisting of (1) Project Coordinator; (2) One Expert from outside of the



institute where the programme is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department)/Dean of relevant faculty duly approved by the Competent Authority.

17. The consolidated monthly emoluments and the qualifications to the project staff be fixed as follows:

<i>Sl. No.</i>	<i>Staff</i>	<i>Rates</i>	<i>Qualifications</i>
1	Research Associate	Rs.47,000/- p.m.	Post graduate in social science discipline (55% minimum) with NET /M.Phil. / Ph.D. and 2 years research experience
2	Research Assistant	Rs.37,000/- p.m	Post graduate in social science discipline (55% minimum) with NET /M.Phil. / Ph.D.
3	Field Investigator (not exceeding 6 months)	Rs.20,000/- p.m	Post Graduate in social science discipline (55% minimum)

18. **For all field work related expenses** of Project Coordinator, Co- Project Coordinator(s) and project personnel, rules pertaining to affiliating institutes shall be followed.
19. Foreign trips are not permissible within the awarded budget.
20. Any request for additional grant in excess of the awarded budget will not be considered.
21. **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 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.
22. **Purchase of equipment/ assets** for the research Project is permissible only if it is originally proposed and approved by the ICSSR.
23. The Project Coordinator needs to acknowledge the support of ICSSR in all publications resulting from the project output (Research Paper, Articles, Book chapters, , etc.) and should submit a copy of the same to the ICSSR during its course/after completion. If, the awardee do not acknowledge ICSSR in the publications, they will be blacklisted and they will not be allowed to apply for any schemes of ICSSR in the future. Papers published in Conference/Seminar proceedings will not be considered as they are not peer reviewed. However, proceedings published by Scopus indexed / UGC care listed journals can be considered.
24. The ICSSR reserves all rights to publish the project funded by it, provided the work is recommended for publication by ICSSR appointed expert/experts. The Scholars are not allowed to publish the final recommended reports on their own.
25. The Project Coordinator cannot make any changes in the research design at any stage.
26. The awarded Research Programme cannot be transferred to any other institution. If the Project Coordinator leaves the institution or quits in between, the institution / Department / Centre may request the ICSSR to permit the appointment of a Substitute Project Coordinator in exceptional circumstances.
27. The institution / Department / Centre will be responsible for completion of the programme within **24 Months** from the date of commencement of the same, which is **1<sup>st</sup> April 2024**.
28. If the scholars do not submit the requisite documents and the final report in time or they are not able not complete the programme in stipulated period, the scholars will be blacklisted and suitable legal recourse will be initiated.

29. The Project Coordinator shall be personally responsible for timely completion of the Programme. The periodic/final report cannot be submitted for the award of any University degree/diploma or funding by any Institution by any member of the project staff, including the Project Coordinator. The ICSSR however, will have no objection if any member of the project staff utilizes the project data for this purpose.
30. In case, the Project Coordinator does not submit the periodic / final project report as per schedule with adequate justification, the institution / Department / Centre may be asked to refund the entire released amount and also debarred from availing all future financial assistance from the ICSSR.
31. All grants from the ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
32. The Project Coordinator will ensure that the expenditure incurred, remains within the approved budget and the grant-in-aid is subject to all the conditions laid down by the ICSSR.
33. The ICSSR may, at any time ask for verification of accounts and other relevant documents related to the Programme.
34. The instalments will be transferred through EAT Module of Public Financial Management System (PFMS) / RBI Account for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds with affiliating institution.
35. All programme related queries will be addressed to the Affiliating Institution / Project Coordinator for their timely reply.
36. As per Ministry of Education, Govt. of India instructions, the amount of grant sanctioned herein is to be utilized **by the end of the project duration**. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose of which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee institution will be required to refund the amount of the grant with interest thereon @ 10% per annum.
37. The final authority related to the interpretation of the guidelines or any issue not mentioned here is vested with the ICSSR.

Yours faithfully,



**(Dr. S. N. Chari)**

**For MEMBER-SECRETARY**

**Encl: as above.**

**Copy to:**

1. **Dr. Sonu Trivedi**
2. **Co-PC- Dr.Shristi Pukhrem**
3. **Finance Branch, ICSSR, New Delhi**
4. **Record File**

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Zakir Husain Delhi College &lt;zakirhusaindelhicollege@gmail.com&gt;

## Fwd: Disbursement of Seed Money for Skill Development Center

Principal ZHDC <principal@zh.du.ac.in>  
To: Zakir Husain Delhi College <zakirhusaindelhicollege@gmail.com>

Tue, Aug 6, 2024 at 4:52 PM

----- Forwarded message -----

From: **sec nep** <sec.nep@rajguru.du.ac.in>  
Date: Wed, Dec 13, 2023 at 11:13 AM  
Subject: Disbursement of Seed Money for Skill Development Center  
To: <principal@zh.du.ac.in>, <nsingh76@yahoo.co.in>

Dear Sir/Ma'am,,

This communication is to inform you that the competent authority of the University of Delhi has disbursed the sanctioned grant of Rs. 5,00,000 as seed money for the establishment of Skill Development Center at your college.

The amount has been credited from the Bank A/c no.10851300320 to the A/c no. 8668101000002.

With regards

Prof. Payal Mago  
Chairperson, Skill Enhancement Courses committee (SEC)  
University of Delhi

--

With warm regards

**Prof. Narendra Singh**

Principal

**ZAKIR HUSAIN DELHI COLLEGE**  
(University of Delhi)  
Jawahar Lal Nehru Marg, New Delhi 110 002

Tel: 23232218, 23218487 Fax: 23215906

Rs. 5,00,000/- Credited by DU SBI A/c  
through NBTI on 28/11/2023 in  
Students' Fund A/c No. 02.

L  
8/8/24.

116  
Mr. Javed  
Please check  
and report  
7/8/24

Principal's Office.  
Dispatch No. 14120  
Date 7.12.24  
Zakir Husain Delhi College



Email : erip-er.hqr@gov.in  
Tele : 011 - 23902734  
Fax : 011 - 23902719



No. **ERIP/ER/202210002/M/01/1809**  
**Directorate of Extramural Research &  
Intellectual Property Rights (ER&IPR)**  
Defence Res & Dev Orgn (DRDO)  
V<sup>th</sup> Floor, DRDO HQ. ANNEXE  
Metcalfe House, Civil Lines  
Delhi - 110054

Dated: 14 Nov 2022

To

Dr. Ravi Kant  
Assistant Professor  
Dept. of Chemistry  
Zakir Husain College  
University of Delhi  
New Delhi - 110 002

Sub: Grants-in-Aid for research project titled "Fabrication and Evaluation of Polymer Composites for Microwave Absorption (2-18 GHz)."

Approval of the competent authority is hereby conveyed for a grant of **Rs. 47.595 Lakh** (Rupees Forty Seven Lakhs Fifty Nine Thousand Five Hundred Only), to Zakir Husain College, University of Delhi for pursuing the research on the subject titled project Dr. Ravi Kant, Assistant Professor, Dept. of Chemistry, Zakir Husain College, University of Delhi, New Delhi - 110 002 as Principal Investigator and Dr. Mohammed Fahim Ansari as Co-Investigator.

2. The grant shall be spent as follows:

Expenditure on ↓ (Rs in lakh) during →	Year 1	Year 2	Year 3	Line Total
a) Staff :				
01 Junior Research Fellow (JRF) @ Rs. 31,000/- pm + 27% HRA for first two years &	4.724	4.724	5.334	14.782
01 Senior Research Fellow (SRF) @ Rs. 35,000/- pm + 27 % HRA for last third year				
b) Equipment (including spares thereof)	10.000	0.000	0.000	10.000
c) Operation and maintenance	0.500	0.500	0.500	1.500
d) Expendables	5.000	5.000	2.000	12.000
e) Travel (Domestic)	0.500	0.500	0.350	1.350
f) Contingencies	0.500	0.500	0.350	1.350
g) Research Consultant	0.000	0.000	0.000	0.000
h) Procured services (other than (g)) and metered utilities	1.000	1.000	0.500	2.500
i) Institutional Overheads Charge	1.371	1.371	1.371	4.113
<b>Column Totals</b>	<b>23.595</b>	<b>13.595</b>	<b>10.405</b>	<b>47.595</b>

**Grand total: Rs. 47.595 Lakh (Rupees Forty Seven Lakhs Fifty Nine Thousand Five Hundred Only).**

- 3) The project will last for **Three Years** from the **date of release of the first installment by the PCDA (R&D)** and it will be governed by the terms and conditions given overleaf.
- 4) Objectives of the proposal and its application to Defence (DRDO)
- Development of a lightweight polymer composite based on filled toughened epoxy for microwave absorption in a wide frequency range (2-18 GHz).
  - A multi layered composite will be fabricated using nano-fillers and layers having high dielectric constant; and high dielectric loss and magnetic properties.
  - The composite is expected to deliver the desired results using synergistic effects of multiple layers and fillers.

5) The deliverables of the project are:-

- An EMI shield which will absorb the entire microwave frequency range of 2-18 GHz will be delivered to DMSRDE.
  - The performance of the composite will be as per required industry standard.
- 6) This sanction issues in exercise of powers conferred to Sl. No. 3.1 of GOI Ministry of Defence letter No. DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18<sup>th</sup> Dec 2019.
- 7) The release of funds will be authorized by Accounts Officer of the Directorate of ER&IPR.
- 8) The expenditure is debitable to Major Head 2080 - Defence Services – Research & Development, Minor Head 004 – Research/Research & Development, Sub-Head (C)- Extramural Research (EMR) Code Head 852/06.
- 9) This is issued with the concurrence of IFA(R&D) New Delhi vide their U.O. No. IFA/R&D/0031/ER&IPR/0894 dated 01/11/2022.
- 10) The sanction code of ER&IPR is DGTM/ERIP/GIA/22-23/239 dated 09/11/2022.
- 11) Grantee Institutes to open a saving bank account and refund the accrued interest. In case of common account held by institute, the institute can reflect the interest accrued separately and refund the accrued interest.
- 12) Interest accrued to be refunded to DRDO through Demand Draft in favour of CDA (R&D), New Delhi.**

  
(Dr. Shiv Kumar)  
Director (ER&IPR)

**Copy to:-**

- i) The Principal, Zakir Husain Delhi College (University of Delhi), New Delhi – 110 002. The cheque will be issued by PCDA in his favour.
- ii) The Director, DMSRDE, DRDO, GT Road, Kanpur – 208 013.
- iii) Dr. Himanshu Baskey, Sc 'F', DMSRDE, DRDO, GT Road, Kanpur – 208 013 - as Domain Scientist.
- iii) Dr. Ashish Dubey, Sc 'F', DMSRDE, DRDO, GT Road, Kanpur – 208 013 - as Domain Scientist.
- iv) PCDA (R&D, DRDO CELL), West Block -V, Sector 1, R.K. Puram, New Delhi - 110 066 - one ink signed copy.
- v) IFA (R&D), DRDO, HQrs, Rajaji Marg, New Delhi - 110 105 - One ink signed copy.
- vi) The Principal Director of Audit Defence Services, Sc No – 01, Finance Office Road, Pune - 411001.

**Terms and Conditions:-**

- a. The grant will be spent exclusively for the purpose for which it is given and the progress of the project will be reviewed periodically by DRDO.
- b. The first installment shall be released on receipt of Contingent Bill duly signed by PI and Administrative Authority of the Grantee Institution.
- c. Prior approval of DRDO shall be required to change the funds/sanctioned. Any excess payment without prior approval of DRDO will be borne by the Grantee Institute.
- d. The release of funds will be authorized by Account Officer of the Directorate of ER&IPR.
- e. **DRDO reserve the right to terminate the grant at any stage**, if convinced that the grant has not been properly utilized or appropriate progress has not been made/achieved.
- f. The procurement of equipments, as per rules and regulations of the grantee institution, shall be strictly as per approved list as projected in the proposal.
- g. Appointment of staff shall be as per rules and regulations of the grantee institution and selection proceedings, joining report and qualification of selected candidates be sent to this Directorate. Govt. regulations be followed, as applicable.
- h. Utilization certificate, statement of accounts and technical report to be submitted to this Directorate annually in time.



- i. Assets of a capital nature acquired wholly or substantially out of this grant are the property of DRDO. Without the prior approval of DRDO these shall not be disposed of. At the close of the project, if the grantee institution wants to retain the equipment for future work a request with full justification and an undertaking saying that grantee institution will be responsible for its maintenance, to be submitted to DRDO and if the request is approved, grantee institute may retain it. The equipment shall be available to DRDO Scientists without any usage charges as and when required. Acquiring/disposal of equipment under project will be strictly governed by para 5.6 of SOP of Dte ER&IPR.
- j. The grantee institution will maintain a record of these assets. A copy of the record, certified by the competent authority of the institution, shall be sent annually to the Directorate of ER&IPR.
- k. When demanding monies, subsequent to the first installment, the grantee institution shall send the audited statement of expenditure, utilization certificate, in the prescribed formats, and another certifying that the unspent balance of the previous installments has either been carried forward into the subsequent demand, or has been surrendered to DRDO. Any interest generated shall be reflected in statement of accounts and it shall be treated as money released and adjusted in subsequent release.
- l. The accounts maintained by the grantee institution shall be available for inspection by the Comptroller & Auditor General of India/PCDA (Internal Audit).
- m. Monies remaining with the grantee institution at the close of the project (including by short closure) shall be returned to DRDO without any delay.
- n. **In case of the PI leaving the Institution or going abroad etc, the Executive authority of the grantee institute to whom the Project has been sanctioned will ensure that the PI submits detailed technical and financial report of the work done before his/her relieving.**
- o. **The PI will submit closure report to DRDO after completion/closure/termination of the Project.** The report must be attached with all necessary certificates and financial details.
- p. Following policy on the Intellectual Properties generated under the scheme will be taken care of:-
  - 1) All Foreground Information and Foreground Intellectual Property, created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint Foreground Information and Foreground Intellectual Property Rights for their own R&D purpose.
  - 2) Grantee Institution shall not publish any research paper covering Foreground Information generated during the performance of the Project before seeking written consent from DRDO to assure that no proprietary information is released and no legal rights covering Foreground Information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.
  - 3) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering Foreground Information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Property Applications including patent applications and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.
  - 4) Grantee Institution may commercially exploit any Foreground Information and Foreground Intellectual Property Rights, generated during the performance of the Project, whether or not legally protected, for purpose other than Government Applications upon conclusion of the separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.
  - 5) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, world-wide perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purpose of Government Applications including armed forces and paramilitary forces.
  - 6) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially supplying product/process based upon any Foreground Information and Foreground Intellectual Property, generated during the performance of project,



whether or not legally protected, to any particular third parties, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.

- 7) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or the Grantee Institute of the Intellectual Property Rights of third parties.
- 8) The term of the above provision shall survive the term of the Project.
- q. The ownership of intellectual property generated by research performed under this grant, whether or not legally protected, shall vest in the grantee institution. The grantee institution shall promptly report to DRDO its intention to protect legally any such intellectual properties.
- r. DRDO shall be deemed to have an irrevocable and royalty-free license to use such intellectual properties, whether or not legally protected, for such purposes as DRDO may decide, keeping the grantee institution informed.
- s. The grantee institution shall consult DRDO prior to contracting any agreement that envisages the use of such intellectual properties, whether or not legally protected, during or after the closure of the activities conducted through its grant. In any such agreement, the grantee institution shall declare that its ownership over the intellectual properties is encumbered to the extent of above para.
- t. Neither DRDO nor the Government of India accept any liability for infringement, innocent or otherwise, by the grantee institution or the investigators, of the intellectual or other property rights of third parties.
- u. The grantee shall comply with all laws in force. Neither DRDO nor the Government of India accept any responsibility for any failure to so comply; nor for any liabilities, damages or other compensation awarded by any statutory authority or court.
- v. Notwithstanding anything contained above, any and all intellectual property generated by the collaborative efforts of DRDO scientists and grantee institution scientists/faculty during any research activity covered under this project, shall be jointly held in the name of grantee institution and DRDO.

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## नियम एवं शर्त :-

- क. अनुदान को विशेष तौर पर उस उद्देश्य के लिए खर्च किया जाएगा जिसके लिए यह दिया गया है और परियोजना की प्रगति की डीआरडीओ द्वारा समय-समय पर समीक्षा की जाएगी ।
- ख. प्रथम किश्त अनुदानग्राही संस्थान के पीआई और प्रशासनिक प्राधिकारी द्वारा विधिवत हस्ताक्षरित फुटकर बिल प्राप्त होने पर ही जारी की जाएगी ।
- ग. निधियों/स्वीकृतियों को बदलने के लिए डीआरडीओ के पूर्व अनुमोदन की आवश्यकता होगी । डीआरडीओ के पूर्व अनुमोदन के बिना किया गया कोई भी अतिरिक्त भुगतान अनुदानग्राही संस्थान द्वारा वहन किया जाएगा ।
- घ. फंड की निकासी ई आर एण्ड आई पी आर निदेशालय के लेखा अधिकारी द्वारा प्राधिकृत की जाएगी ।
- ङ. अनुदान के सही प्रकार से उपयोग ना होने या उपयुक्त प्रगति ना होने/प्राप्त ना होने की स्थिति में आश्वस्त होने पर डीआरडीओ के पास किसी भी चरण में अनुदान समाप्त करने का अधिकार सुरक्षित है।
- च. अनुदानग्राही संस्थान के नियमों तथा विनियमों के अनुसार उपस्करों का प्रापण प्रस्ताव में अनुमानित स्वीकृत सूची के अनुसार सही हो ।
- छ. स्टाफ की नियुक्ति अनुदानग्राही संस्थान के नियम एवं शर्तों के अनुसार होगी और चयन कार्यवाहियां, कार्यग्रहण रिपोर्ट और चयनित अभ्यर्थियों की योग्यता इस निदेशालय को भेजी जाए । सरकारी विनियमों का जैसा लागू हो पालन किया जाए ।
- ज. उपयोगिता प्रमाणपत्र, लेखा विवरणी और तकनीकी रिपोर्ट समय पर प्रति वर्ष इस निदेशालय में जमा की जाए ।
- झ. इस अनुदान में से पूर्ण रूप से या आंशिक रूप में ली गई पूंजी डीआरडीओ की सम्पत्ति है । डीआरडीओ के पूर्व अनुमोदन के बिना इनका निपटान नहीं किया जाना चाहिए । परियोजना के बंद होने के समय यदि अनुदानग्राही संस्थान भविष्य के कार्य के लिए उपस्कर को बनाए रखना चाहता है तो पूर्ण औचित्य वाला कथन की इसके रखरखाव के लिए अनुदानग्राही संस्थान जिम्मेवार होगा इस आश्वासन की प्रार्थना डीआरडीओ को देनी होगी और यदि प्रार्थना स्वीकार हो जाती है तो अनुदानग्राही संस्थान इसे रख सकता है । उपस्कर की जब और जैसे आवश्यकता होगी डीआरडीओ वैज्ञानिकों को बिना उपयोग शुल्क के उपलब्ध कराया जाएगा ।
- (ट) अनुदानग्राही संस्थान इन परिसंपत्तियों का रिकार्ड बनाए रखेगा । संस्थान के सक्षम प्राधिकारी द्वारा प्रमाणित रिकार्ड की एक प्रति ईआर एवं आईपीआर निदेशालय को प्रतिवर्ष भेजी जाएगी ।
- (ठ) प्रथम किश्त के बाद रुपये की मांग करने पर अनुदानग्राही संस्थान विहित फार्मेटों में व्यय का लेखापरीक्षित विवरण उपयोगिता प्रमाणपत्र तथा यह प्रमाणित करने वाला अन्य कि पिछली किश्तों का अव्ययित शेष को या तो बाद की मांग में अग्रणीत किया गया है या डीआरडीओ को सौंपा गया है, भेजेगा । किसी भी जनित ब्याज को लेखाओं के विवरण में दर्शाया जाएगा और इसे जारी की गई राशि और बाद की राशि में समायोजित माना जाएगा ।
- (ड) अनुदानग्राही संस्थान द्वारा रखे गए लेखाओं को भारत के नियंत्रक तथा महालेखा परीक्षक/पीसीडीए (आंतरिक लेखा परीक्षा) के निरीक्षण हेतु उपलब्ध कराया जाएगा ।
- (ढ) परियोजना के बंद होने (लघु समापन सहित) के समय शेष राशि को बिना किसी देरी के डीआरडीओ को वापस किया जाएगा ।



- 7) डीआरडीओ तीसरे पक्षकारों के बौद्धिक संपदाओं की अनुदानग्राही संस्था अथवा पीआई द्वारा उल्लंघन, निर्दोष अथवा अन्यथा के लिए किसी जिम्मेवारी के लिए उत्तरदायी नहीं होगा और स्वीकार नहीं करेगा ।
- 8) उपर्युक्त उपबंधों की शर्त परियोजना की शर्त को बनाए रखेगी ।
- (ध) इस अनुदान के अंतर्गत किए गए अनुसंधान से उत्पन्न बौद्धिक संपदा का स्वामित्व, चाहे वह कानूनी रूप से संरक्षित हो या नहीं, अनुदानग्राही संस्थान में निहित होगा । अनुदानग्राही संस्थान ऐसी बौद्धिक संपदाओं को कानूनी रूप से संरक्षित करने के अपने इरादे की रिपोर्ट तुरंत डीआरडीओ से करेगा ।
- (ड) डीआरडीओ को ऐसे प्रयोजनों के लिए ऐसी बौद्धिक संपदाओं चाहे वे कानूनी रूप से संरक्षित हों या नहीं, अविकल्पी तथा रॉयल्टी मुक्त रूप से प्रयोग करने की स्वतंत्रता होगी जैसा कि डीआरडीओ अनुदानग्राही संस्थान को सूचित करते हुए निर्णय लेता है ।
- (प) अनुदानग्राही संस्थान इस अनुदान के जरिए संचालित होने वाले क्रियाकलापों के समापन के दौरान या उसके बाद ऐसी बौद्धिक संपदाओं चाहे वे कानूनी रूप से संरक्षित हों या नहीं, के प्रयोग के लिए अनुबंध की संविदा करने से पहले डीआरडीओ से परामर्श करेगा । ऐसे अनुबंध में अनुदानग्राही संस्थान इस बात की घोषणा करेगा कि बौद्धिक संपदाओं पर इसका स्वामित्व उपर्युक्त पैरा के अनुसार भारत है ।
- (फ) न तो डीआरडीओ और न ही भारत सरकार तीसरे पक्षकारों की बौद्धिक या अन्य संपदा अधिकारों का अनुदानग्राही संस्थाओं या निवेशकों द्वारा उल्लंघन, बेगुनाही या अन्य बातों की कोई जिम्मेवारी स्वीकार नहीं करता है ।
- (ब) अनुदानग्राही लागू सभी नियमों का पालन करेगा । न तो डीआरडीओ और न ही भारत सरकार इसे पालन करने में विफलता, न ही दायित्वों, क्षतियों या किसी संविधिक प्रधिकरण या न्यायालय से दिए गए अन्य मुआवजों की जिम्मेदारी लेता है ।
- (भ) तथापि उपर्युक्त में अंतर्निहित किसी बात, इस परियोजना के अंतर्गत शामिल किसी अनुसंधान कार्य के दौरान डीआरडीओ के वैज्ञानिकों तथा अनुदानग्राही संस्थान के वैज्ञानिकों/संकाय के समन्वित प्रयासों से उत्पन्न किसी और सभी बौद्धिक संपदा को अनुदानग्राही संस्थान और डीआरडीओ के नाम संयुक्त ।

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F. NO. CO/P/FP/G205/2021 (C)  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF SCIENCE & TECHNOLOGY  
(NCSTC DIVISION)

TECHNOLOGY BHAWAN  
NEW MEHRAULI ROAD  
NEW DELHI 110016  
Dated 04.02. 2022

ORDER

Sub: Project proposal, "Youth Science Media Research and Outreach Youth Science Media Challenge", (TPN 70156) – Release of Non-recurring GIA (1<sup>st</sup> Instalment)

PI- Dr. Anubha Das, ZAKIR HUSAIN DELHI COLLEGE, Jawaharlal Nehru Marg, University of Delhi, New Delhi (110002)

1. Sanction of the President is hereby accorded to the Non-recurring grant of Rs 2,68,208/- (Rupees Two Lakh Sixty Eight Thousand Two Hundred Eight only), to ZAKIR HUSAIN DELHI COLLEGE, Jawaharlal Nehru Marg, university of Delhi, New Delhi (110002) for implementing the above mentioned project proposal for a duration of 1 Year 6 Months, with initial release of Rs 2,68,208/- (Rupees Two Lakh Sixty Eight Thousand Two Hundred Eight only) being the first installment of the programme.

2. The budget details are as follows:

BUDGETARY ITEMS	Unit Cost (INR)		Unit Nos		Unit cost (INR) X Nos	TOTAL (INR)
Equipment						
Laptop	94,400	X	1	=	94,400	
Printer	14500	X	1	=	14500	
Dynamic Cardioid Front -Address Studio Microphone	26000	X	1	=	26000	
Handy Recorders for Field	8700	X	2	=	17400	
Professional Recording Bundle for content creation, Podcasting, Vlogging, Instrument/Voice recording, Microphone Stand Suspension Scissor Arm For Dynamic and Condenser Mic, Microphone Shock mount cradle holder clip stand, POP filter for studio condenser microphone with	30908	X	1	=	30908	



(18)

windscreen and metal gooseneck holder,						
Microphone Sound Isolation Shield	5000	X	6	=	30000	
Turbo Sound proofing studio acoustic foam-2 inches	5000	X	3	=	15000	
Digital Multitrack Recorder with SD memory card	20000	X	2	=	40000	
<b>Total</b>					<b>2,68,208</b>	<b>2,68,208</b>

3. The Drawing and Disbursing Officer DST, shall draw the aforesaid amount of Rs 2,68,208/- (Rupees Two Lakh Sixty Eight Thousand Two Hundred Eight only) from the Pay and Accounts Officer, DST, and remit the same to ZAKIR HUSSAIN DELHI COLLEGE, Jawaharlal Nehru Marg, university of Delhi, New Delhi (110002) through their bank account as per following details:

i	Account Holders name/designation	ZAKIR HUSSAIN DELHI COLLEGE
ii	Name of the Bank	CANARA BANK
iii	Bank Account Number	110033982380
iv	IFSC Code	CNRB0008668
v	MICR CODE	1100 15087

4. The amount of expenditure is debitible to Budget Head 88:

- 3425 : Other Scientific Research (Major Head)
- 60 : Others
- 60.200 : Assistance to Other Scientific Bodes (Minor Head)
- 70 : Innovation, Technology Development and Deployment
- 70.00.35: Grants for creation of Capital Assets for the year 2021-22  
(Previous: S&T Communication and Popularization- 3425.60.200.08.05.35)

5. It is certified that provisions of GFR 212 relating to UCs for the funds released under the project being the first installment is not applicable.

6. Grantee Institution (GI) is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the GI.

7. The project implementation must adhere to the Guidelines/SOPs/Office Orders, etc. from Central Govt. or State Govt. agencies as applicable from time to time.

8. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report.



from the scheduled date of completion of the project.

9. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/closure of project accounts.

11. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

12. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant:

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

13. The grant organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For grant released during F.Y. 2017-18 and onwards, all interest and other earnings against released grant shall be remitted to Consolidated Fund of India (through Non Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), Immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of Expenditure / Utilization Certificate for considering subsequent release of grant /Closure of Grant /Closure of project accounts.

14. As per GFR 2017, Rule 230. (17) (i) As a precondition to the sanction of Grants-in-aid to the agencies where:

(a) the recipient body employs more than twenty persons on a regular basis and at least fifty per cent of its recurring expenditure is met from Grants-in-aid from Central Government; and

(b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-aid of Rupees twenty lakhs and above from the Consolidated Fund of India;

the Grant sanctioning authority should ensure that a suitable clause is invariably included in the terms and conditions under which the Grants-in aid are given, to provide for reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and services under such organizations or agencies. The relative provision may be on the following lines :-



the grantee organization, referred in this sanction, agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India.

(ii) While sanctioning Grants-in-aid to Institutions or Organisations referred to under (a) above, the Grant sanctioning authority should keep in view the progress made by such Institutions or Organisations in employing Scheduled Castes and Scheduled Tribes or OBC candidates in their services.

**15. PI/ Coordinator shall not draw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency for this project.**

**16. The grant-in-aid being released is subject to the condition that**

**(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee Organisation Immediately on receipt of the grant.**

**(b) Goods (consumables/equipment) available in GeM portal are to be mandatory procured online through GeM only.**

**(c) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.**

17. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

18. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

19. The Organization/institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science & Technology should invariably be highlighted/acknowledged in their Media Releases as well as in bold letters in the opening paragraphs of their Annual Report during and after the completion of the project.

20. The sanction of this grant is subject to the terms and conditions specified in the Annexure-I enclosed. It is further subject to the following conditions:

i) Any publicity material/invitation cards/banners/handouts/brochures etc. brought out and used during the course of the project will have a mention in bold visible letters, "*Catalyzed and supported by National Council for Science & Technology Communication, DST, Govt. of India, New Delhi*"

ii) Details of content & quality of awareness generating software, training modules, etc shall be vetted by NCSTC.

iii) Based on the satisfactory progress as assessed by mid-term review/monitoring by NCSTC the continuity of the project shall be allowed and release of further installments made.

iv) Information about the programme venue & dates will be given to NCSTC

v) Two feedback forms one for resource persons and other for participants will be developed by organization to obtain feedback from them. These will be analyzed and will be sent as part of the project completion report.

vi) The grantee shall abide by the monitoring, review and evaluation by NCSTC. The formats for Annual/Mid-term Progress Report & Progress Report Updates, and Project Completion Report may be obtained from the nodal officer issuing the sanction Order.

21. As per rule 234 of GFR 2017, this sanction has been entered at S.No. 18 In the register of grant maintained in the Division for the Scheme Innovation, Technology Development and Deployment

22. This sanction issues under the power delegated to Ministries and with the concurrence of the IFD, DST vide their Sanction No. **3781 /IFD/ 2021 - 22** dated **28-12-2021**.

*Pamposh Kumar*

(PAMPOSH KUMAR)

Scientist - F

To,  
The Pay & Accounts Officer,  
Department of Science & Technology, New Delhi - 110 016

Copy to:

1. Cash Section (Three copies)
2. IFD/Budget & Accounts Section
3. The Principal Director of Audit (Science Department), IIRD Floor, AGCR Building, I.P. Estate, New Delhi
4. Scientist G (Head, NCSTC)/Sanction Folder/Data Entry Folder

5. **Dr. Anubha Das**  
**ZAKIR HUSAIN DELHI COLLEGE**  
**Jawaharlal Nehru Marg, University of Delhi, New Delhi**  
**(110002)**

*Pamposh Kumar*

(PAMPOSH KUMAR)

Scientist - F





**IAEA**

*Atoms For Peace*

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Vienna International Centre, P.O. Box 100, A-1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

E-mail: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) • Internet: <http://www.iaea.org>

In reply please refer to: RC-26672

SINGH Narendra  
Zakir Husain Delhi College  
University of Delhi  
Jawaharlal Nehru Road  
New Delhi 110 002  
Delhi  
India

Dear Mr Singh,

2023-02-07

With reference to the Research Project proposal concerning

**‘Atomic Structure Calculations and Study of Atomic Processes with Application in Fusion Plasma-Wall Interactions in Fusion Devices’**

that you have submitted to participate in the Coordinated Research Project (CRP):

**“ Atomic Data for Vapour Shielding in Fusion Devices (F43024).”**

I am pleased to inform you that the Director General has decided to fund this project, in the amount of € 2 500 (Two Thousand Five Hundred) for the period indicated in the contract. You will, therefore, find attached IAEA Research Contract No. 26672.

As of 2016, Research Contracts are generally awarded for the entire duration of the CRP. Please use the templates located on <http://cra.iaea.org/cra/forms.html> to submit the annual progress reports and the final report in a timely manner as referred in Article 3 of the Contract.

Please note that one of the substantial conditions of the Contract is that you yourself will serve as the Chief Scientific Investigator for the Project. Should this cease to be the case, the IAEA must be informed promptly and the Contract will be re-assessed.

With reference to Article 4 of the Contract, may I note that the IAEA welcomes and encourages publication, in conformity with the specified requirements, of data connected with this Research Project.

It would be appreciated if you could supply the IAEA with a digital copy of every publication made by the Contractor or by persons on his staff in connection with the Project, and you may wish to note that any reference to the IAEA should include the full name rather than any abbreviated form.





**IAEA**

*Atoms For Peace and Development*

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energia Atómica

Vienna International Centre, P.O. Box 100, A-1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

E-mail: Official.Mail@iaea.org • Internet: <http://www.iaea.org>

## **IAEA Research Contract No: 26672**

### **Research Contract**

This Research Contract is entered into between the International Atomic Energy Agency (hereinafter referred to as the "IAEA"), an intergovernmental organization established by its Statute, whose address is Vienna International Centre, P.O. Box 100, 1400 Vienna, Austria; and the Zakir Husain Delhi College (hereinafter referred to as the "Contractor") whose address is:

Zakir Husain Delhi College  
Jawaharlal Nehru Marg  
New Delhi  
India.

Hereinafter, the IAEA and the Contractor will also be referred to individually as a "Party" and collectively as the "Parties"

WHEREAS, the IAEA is authorized under its Statute and the decisions of its competent organs to accelerate and enlarge the contribution of atomic energy to peace, health and prosperity throughout the world, and this mandate includes the encouragement and assistance to research on, and the development of, practical applications of atomic energy for peaceful purposes throughout the world by, inter alia, entering into contracts for research and development;

WHEREAS, the IAEA Coordinated Research Project F43024, entitled 'Atomic Data for Vapour Shielding in Fusion Devices' has been approved from 2018-12-05 to 2022-12-31;

WHEREAS, the IAEA has approved the Contractor's carrying out the Research Project entitled 'Atomic Structure Calculations and Study of Atomic Processes with Application in Fusion Plasma-Wall Interactions in Fusion Devices' (hereinafter referred to as the "Research Project"), which forms part of the above-mentioned IAEA Coordinated Research Project; and

WHEREAS, the Contractor is able and willing to carry out the Research Project in cooperation with the IAEA under this Research Contract (hereinafter referred to as the "Contract").

NOW, THEREFORE, the Parties hereby agree as follows:

### **Article 1**

#### **Scope of the Research Project**

1. The Contractor undertakes to perform the Research Project entitled "Atomic Structure Calculations and Study of Atomic Processes with Application in Fusion Plasma-Wall Interactions in Fusion Devices" which forms part of the IAEA Coordinated Research Project "F43024", entitled "Atomic Data for Vapour Shielding in Fusion Devices" in accordance with the terms and conditions of this Contract.

2. The Chief Scientific Investigator ("CSI") shall be Mr Narendra Singh.

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prompt and extensive publication and by other appropriate means to prevent any restriction of the free use of such results.

4. The Contractor undertakes to take necessary steps to ensure that every person who participates in the Research Project shall be fully informed of the obligations contained in this Article and agrees to be bound by them.

**Article 5**  
**IAEA Contribution**

Subject to availability of funds, the IAEA shall contribute a sum not exceeding € 2 500 (Two Thousand Five Hundred) (hereinafter referred to as the "IAEA Contribution") to this Research Project.

**Article 6**  
**IAEA's Financial Obligations**

1. The "IAEA Contribution" shall be paid to the Contractor via wire transfer according to the information provided in Annex B ("Bank Account Information Form") to this Contract in installments as follows:

Instalment	Payment Schedule	Amount in Euro
1	An initial installment to be paid within thirty (30) days from the entry into force of this Contract	€ 1 250 (One Thousand Two Hundred Fifty)
2	Installment to be paid upon the certification by the appropriate officer of the IAEA for the Research Project that the progress report required under Article 3 ("Implementation of the Research Project and Reporting") of this Contract has been received in due time and accepted by the IAEA	€ 1 250 (One Thousand Two Hundred Fifty)
Final Payment	A final installment to be paid upon the completion of the Research Project and on the certification by the appropriate officer of the IAEA for the Research Project that the final report required under Article 3 ("Implementation of the Research Project and Reporting") of this Contract has been received in due time and accepted by the IAEA.	

2. In exceptional cases, the Contractor may request payment by the IAEA to a third party (e.g. to the CSI, a foundation, etc.). If, under this Contract, the Contractor requests payment by the IAEA to a third party, this shall be specified in Annex B ("Bank Account Information Form") to this Contract, which shall be signed by the duly authorized representative of the Contractor and by the third party receiving payment on behalf of the Contractor.

3. Any payment to a third party named as Payee in Annex B ("Bank Account Information Form") to this Contract shall constitute a settlement of the financial obligations of the IAEA to the Contractor under this Contract.

4. The Parties may provide through an exchange of letters made pursuant to this Contract that a part or parts of the payment to be made by the IAEA under this Contract shall be used for a particular purpose that is not included in the programme of work specified in Article 1 ("Scope of the Research Project") of this Contract. In that case, the part or parts of the payment shall be used only for the prescribed purpose.

5. The Parties may agree that a part of the "IAEA Contribution" shall be made into the IAEA-administered Research Institutes' Trust Fund to the Contractor's credit for use in providing to the Contractor items of equipment or expendable supplies required for the execution of the Research Project as may be stated in the research proposal or through exchange of letters. The Trust Fund shall be administered by the IAEA in accordance with the Financial Regulations and Rules of the IAEA and

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**Article 12**  
**Officials Not to Benefit**

The Contractor warrants that it has not and shall not offer to any representative, official, employee, or other agent of the IAEA any direct or indirect benefit arising from or related to the performance of this Contract or of any other contract with the IAEA or the payments thereof or for any other purpose intended to gain an advantage for the Contractor. The Contractor agrees that breach of this provision may lead, at the IAEA's sole discretion, to the annulment of this Contract irrespective of any work performed. The annulment shall exclude any right of the Contractor to claim any payment, even for work already performed. The annulment will be without prejudice to any further remedies that the IAEA may be entitled to under this Contract or at law, with particular reference to refund of payments already made, claims for damages and losses occurred, bribery, and fraud. The provisions under this Article shall also apply with respect to any subcontractor for the part of work related to such subcontractor.

**Article 13**  
**Audit**

Each payment made by the IAEA shall be subject to audit by auditors, whether internal or external, of the IAEA or by other authorized and qualified agents of the IAEA at any time during the term of this Contract and for a period of five (5) years following the expiration or prior termination of this Contract. The IAEA shall be entitled to a refund from the Contractor for any amounts shown by such audits to have been paid by the IAEA other than in accordance with the terms and conditions of this Contract.

The IAEA may conduct audits or investigations relating to any aspect of this Contract or the payments hereof, the obligations performed under the Contract, and the operations of the Contractor generally relating to performance of this Contract at any time during the term of this Contract and for a period of five (5) years following the expiration or prior termination of this Contract.

The Contractor shall provide its full and timely cooperation with any such inspections, post-payment audits or investigations. Such cooperation shall include, but shall not be limited to, the Contractor's obligation to make available its personnel and any relevant documentation for such purposes at reasonable times and on reasonable conditions and to grant to the IAEA access to the Contractor's premises at reasonable times and on reasonable conditions in connection with such access to the Contractor's personnel and relevant documentation. The Contractor shall require its agents, including, but not limited to, the Contractor's attorneys, accountants or other advisers, to reasonably cooperate with any inspections, audits or investigations carried out by the IAEA hereunder.

**Article 14**  
**Observance of Law**

The Contractor shall comply with all laws, ordinances, rules, and regulations bearing upon the performance of its obligations under this Contract.

**Article 15**  
**Status of Contractor**

The Contractor shall have and maintain the legal status of an independent contractor. The personnel of the Contractor and any of its sub-contractors shall not be entitled to act as agents of the IAEA.

**Article 16**  
**Force Majeure**

1. Force majeure as used in this Article shall mean any unforeseeable and irresistible act of nature, any act of war (whether declared or not), invasion, revolution, insurrection, terrorism, industrial and/or civil disturbances, formal orders of local courts and authorities or any other act of a similar nature or force, provided that such acts arise from causes beyond the control of a Party and without the fault or negligence of that Party.

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**Article 21**  
**Entry into Force and Duration**

This Contract shall enter into force on the date of the last signature by the duly authorized representatives of the Parties and shall remain in force until the Parties have discharged their obligations hereunder, unless terminated earlier pursuant to the terms of this Contract.

**Article 22**  
**Amendment**

No modification of, or changes to, this Contract, or waiver, either express or implied, of any of its provisions shall be valid unless made in writing and approved by the duly authorized representatives of the Parties.

**Article 23**  
**Termination**

1. Either Party may for valid cause terminate this Contract, in whole or in part, upon thirty (30) days' prior written notice to the other Party. Where notice of termination is given, the Contractor shall, in addition to obligations provided in paragraph 5 of Article 7 ("Other Responsibilities of the Contractor") of this Contract, as appropriate, take immediate steps to bring the Research Project to a close in a prompt and orderly manner, shall reduce expenses to a minimum and shall not undertake any forward commitment.

2. On termination the IAEA shall pay the Contractor for work satisfactorily performed prior to termination and in conformity with the express terms of this Contract.

**For the IAEA:**

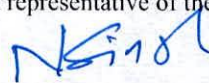


Ms Ying Wu  
Head, Research Contracts Administration Section  
Dept. of Nuclear Sciences & Applications

Date: 2023-02-07

**For the Contractor:**

(duly authorized representative of the Contractor)



Name: Prof. Narenchra Sinn  
Position: Principal 2 HDC

Date: 27.2.2023



Annex A  
**Annual Progress Report and Final Report Templates**

**Annual Progress Report for Contracts under the Coordinated Research Activities**

*(Please use the template posted on <http://cra.iaea.org/cra/forms.html> and  
send the progress report to [research.contracts@iaea.org](mailto:research.contracts@iaea.org))*

CRP code:	CRP title:
Contract Number:	Contract title:
Institute Name:	
CSI:	Alternate CSI:
Progress Report for year: (year 1, 2, 3...)	Period covered: (yyyy-mm-dd – yyyy-mm-dd)

1. Detailed programme of work, as planned at the beginning of the period, taking into account the recommendations given during Research Coordination Meetings (RCMs) and/or through communication with the Project Officer:
2. Results achieved in comparison with the planned programme of work, including quantitative data if applicable ( <i>please attach appropriate technical documents if needed</i> ):
3. Papers published and dissemination at national and international conferences on work performed under this Project (please enter a web-link or attach copies to this progress report):
4. Activities included in the programme of work which were planned, but were not implemented. Please state reason (i.e.: delays, issues encountered):
5. Detailed programme of work for the coming year, taking into account the recommendations given during RCMs and/or through communication with the Project Officer (to be used as reference for the next Progress Report):

CSI Name and signature:

Date:



2. In the event of and as soon as possible after the occurrence of any cause constituting force majeure, the Contractor shall give notice and full particulars in writing to the IAEA of such occurrence or change if the Contractor is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under this Contract. The Contractor shall also notify the IAEA of any other changes in conditions or the occurrence of any event which interferes or threatens to interfere with its performance of this Contract. On receipt of the notice required under this Article, the IAEA shall take such action as, in its sole discretion, it considers to be appropriate or necessary in the circumstances, including the granting to the Contractor of a reasonable extension of time in which to perform its obligations under this Contract.

3. If the Contractor is rendered permanently unable, wholly or in part, by reason of force majeure to perform its obligations and meet its responsibilities under this Contract, the IAEA shall have the right to suspend or terminate this Contract on the same terms and conditions as are provided for in Article 23 ("Termination") of this Contract, except that the period of notice shall be seven (7) days instead of thirty (30) days.

#### **Article 17 Survival**

The obligations set forth in Articles 4 ("Rights to Reports and Intellectual Property"), 10 ("Indemnification"), 11 (Use of Name, Emblem or Official Seal of the IAEA), 18 ("Settlement of Disputes") and 19 ("Privileges and Immunities") of this Contract shall not cease upon termination of this Contract.

#### **Article 18 Settlement of Disputes**

All disputes arising out of or relating to interpretation or implementation of this Contract, which cannot be amicably settled by the Parties, shall be referred by either Party to arbitration for settlement in accordance with the UNCITRAL Arbitration Rules as in force at the date the dispute is referred to arbitration. The number of arbitrators shall be one. The place of arbitration shall be Vienna, Austria. The language of arbitration shall be English. The decisions of the arbitrator shall be final and binding on the Parties.

#### **Article 19 Privileges and Immunities**

Nothing in this Contract shall be construed as a waiver of the privileges and immunities accorded to the IAEA by its Member States.

#### **Article 20 Entire Agreement**

1. The following Annexes shall form an integral part of this Contract:

- a) Annex A: Annual Progress Report and Final Report Templates
- b) Annex B: Bank Account Information Form; and
- c) Annex C: Research Institutes' Trust Fund (RITF).

2. All terms and conditions of this Contract shall be interpreted as complementary to each other. Should any ambiguities, inconsistencies, conflicts or discrepancies arise, the following order of precedence shall apply:

- a) this Contract; and
- b) the Annexes, noting that precedence is given according to the alphabetical order.

3. Unless otherwise specified herein, this Contract constitutes the entire Contract between the Parties with regard to the subject matter hereof and supersedes all prior representations, agreements, understandings, contracts and proposals, whether written or oral, by and between the Parties on this subject. No promises, understandings, obligations or agreements, oral or otherwise, relating to the subject matter hereof exist between the Parties except as expressly set forth herein.

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the additional criteria set forth in the Annex C "Research Institutes' Trust Fund (RITF)" to this Contract.

**Article 7**  
**Other responsibilities of the Contractor**

1. The Contractor agrees that the funds provided by the IAEA under this Contract shall be used solely for this Research Project.
2. The Contractor undertakes to promptly notify the IAEA of any change related to this Contract (e.g. status of the CSI in relation to this Research Project or to the Institute, bank account information or change of e-mail addresses).
3. The Contractor shall observe any applicable health and safety standards and any pertinent regulations that are communicated to the Contractor, except as otherwise agreed by exchange of letters.
4. The Contractor shall be responsible for the safety and maintenance of any equipment provided in relation to this Contract.
5. In case the Contractor does not perform its obligations set forth in this Contract to the satisfaction of the IAEA based on the IAEA's technical evaluation of the report submitted by the Contractor in accordance with Article 3 ("Implementation of the Research Project and Reporting") of this Contract, the Contractor shall return the unused funds, transfer the equipment purchased under Article 6 ("IAEA's Financial Obligations") of this Contract, including title thereto, to the IAEA, or the amount requested by the IAEA, which is not to exceed the IAEA contribution amount set forth in Article 5 ("IAEA Contribution") of this Contract.

**Article 8**  
**Sub-contracting**

In the event the Contractor requires the services of sub-contractors, the Contractor shall obtain the prior written approval and clearance of the IAEA for all sub-contractors. The approval of the IAEA of a sub-contractor shall not relieve the Contractor of any of its obligations under this Contract. The terms of any sub-contract shall be subject to and in conformity with the provisions of this Contract.

**Article 9**  
**Assignment**

The Contractor shall not assign, transfer, pledge or make other disposition of this Contract or any part thereof or of any of the Contractor's rights, claims, liabilities or obligations under this Contract except with the prior written authorization of the IAEA.

**Article 10**  
**Indemnification**

The Contractor shall indemnify, hold and save harmless and defend, at its own expense, the IAEA, its officials, agents and employees, from and against all suits, claims, demands and liability of any nature or kind, including their costs and expenses, arising out of: (i) acts or omissions of the Contractor or its employees or sub-contractors in the performance of this Contract including claims and liability in the nature of workmen's compensation claims; and (ii) claims arising out of the unauthorized use of patented inventions or devices, copyrighted material or other intellectual property provided by the Contractor under this Contract.

**Article 11**  
**Use of Name, Emblem or Official Seal of the IAEA**

Except as provided in paragraph 2 of Article 4 ("Intellectual Property Rights") of this Contract, the Contractor shall not advertise the fact that it is a Contractor with the IAEA. In addition, the Contractor shall, in no other manner whatsoever, use the name, emblem or official seal of the IAEA, or any abbreviation of the name of the IAEA, in connection with its business or otherwise.

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3. The programme of work to be performed under this Research Project shall be:

CSI of IND23244 changed his institute during the contract period and is the only one able to finish the contract. As advised by NACA, the CSI has submitted this new research proposal IND26672 (identical to the previous IND23244) in order to continue his work within CRP F43024.

4. The programme of work may be further detailed by exchange of letters between the Parties.

## **Article 2 Implementation Period**

The Contractor shall commence the Research Project on the date of entry into force of this Contract in accordance with Article 21 ("Entry into Force and Duration") of this Contract and shall finalize the Research Project not later than 2022-12-31.

## **Article 3 Implementation of the Research Project and Reporting**

1. The Contractor shall implement the Research Project in accordance with the quality standards and criteria normally required for carrying out such research.
2. The Contractor shall provide the IAEA with the following reports concerning the implementation of the Research Project:
  - a) Progress reports: The Contractor shall send annual progress reports to the IAEA. The first progress report shall be sent to the IAEA not later than twelve (12) months after entry into force of this Contract pursuant to Article 21 ("Entry into Force and Duration") of this Contract. Any subsequent annual progress reports shall be sent not later than twelve (12) months after the submission of the first progress report; and
  - b) Final report: The final report shall be sent to the IAEA thirty (30) days after completion of the Research Project, or by the date agreed by the Parties.
3. Any report submitted pursuant to paragraph 2 of this Article shall be submitted in the English language and shall be prepared on the basis of the relevant template as provided in Annex A ("Annual Progress Report and Final Report Templates") to this Contract.
4. Each Party shall alert the other Party in the event that any risks or major problems are encountered with the Research Project, whatever the cause. Such problems may include but are not limited to those affecting the implementation of the Research Project, its finances, and any technical issues that could have an impact on the implementation of the Research Project.
5. Notwithstanding paragraph 2 of this Article, the IAEA may, at any time, request further information pertaining to the implementation of the Research Project including the use of the funds provided by the IAEA, and/or additional progress reports.

## **Article 4 Intellectual Property Rights**

1. The reports to be submitted by the Contractor to the IAEA pursuant to this Contract shall be the exclusive property of the IAEA. The Contractor hereby assigns to the IAEA all intellectual property rights to such reports and any results emanating from the Research Project.
2. The Contractor and its staff may publish any results of the Research Project, provided that any such publication shall include an appropriate acknowledgement of the contribution of the IAEA. The Contractor shall not publish any unpublished information received from the IAEA.
3. All results of the Research Project, including any inventions or discoveries arising therefrom, shall be made available widely for the development and practical application of atomic energy for peaceful purposes throughout the world. To accomplish this purpose, the Parties shall cooperate through

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With reference to Article 6 of the Contract, it is the policy of the IAEA to make payments under research contracts by bank transfer in favor of the contracting Institute.

With reference to Article 7.3 of the Contract, please refer to the IAEA Safety Standards that can be downloaded from the IAEA website: <http://www-ns.iaea.org/standards/>.

If the terms of the Contract and the Annex(es) thereto are satisfactory, please have the Contract signed by the legally authorized person at your institute and return it to the IAEA Research Contracts Administration Section within 60 days or the offer of this Contract may be withdrawn.

The Research Contracts Administration Section will be responsible for the administration of the Contract. Mr HEINOLA, Kalle of the Atomic and Molecular Data Unit has been named Project Officer for this Contract and will be responsible for all scientific aspects, and can be contacted for answers to technical questions. There is no need to contact the Research Contracts Administration Section and the Project Officer separately as close contact is maintained on all matters relating to the Contract.

With best wishes for the development of the project, I am,

Yours sincerely,



---

Ms Ying Wu  
Head, Research Contracts Administration Section  
Dept. of Nuclear Sciences & Applications

Dated: 02-Feb-2021

**ORDER**

Subject: Financial Sanction of the research project titled **On Functional Equations Characterizing: Information Theory and Diversity** under the guidance of **Dr. Dhiraj Kumar Singh, Mathematics, Zakir Husain Delhi College, JLN Road, New Delhi, DELHI-110002** - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs. Rupees Six Lakh Sixty Thousand only Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		<b>6,60,000</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only)** to **Zakir Husain Delhi College, JLN Road, New Delhi** 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 **Fund for Science & Engineering Research (FSER)**  
**This release is being made under MATRICS - MATRICS Expert Committee**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/7337/2020-2021** dated **02 February, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Purpose for which grants can be used are detailed at website ([www.serb.gov.in/matrix.php](http://www.serb.gov.in/matrix.php)).

7. Total expenditure for International travel cannot exceed Rs.2,00,000 of the overall budget.

8. 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.

9. 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.

10. The release amount of **Rs. 2,20,000/- (Rupees Two Lakh Twenty 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	ININ00000397
Account Name	Zakir Husain Delhi College Morning
Account Number	8668101012934
Bank Name & Branch	CANARA BANK Zakir Husain Delhi College Branch, Jawaharlal Nehru Marg, Delhi 110002
IFSC/RTGS Code	CNRB0008668
Email address of PI	dk Singh@zh.du.ac.in
Email id of A/C Holder	zakirhusaindelhicollege@gmail.com
Email address of concerned officer	ms_ms@serbonline.in



11. The institute will furnish Utilization certificate (U/C), monthly/quarterly audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the fellowship. 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.

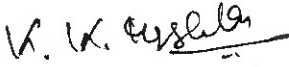
13. The File no. MTR/2020/000508 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. 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.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


17. 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, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.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.	<b>Dr. Dhiraj Kumar Singh</b> <b>Mathematics</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi, DELHI-110002</b> <b>Email: dksingh@zh.du.ac.in</b> <b>Mobile: 919868322749</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	<b>Principal,</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi</b> (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.in

**ORDER**

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme to **Zakir Husain Delhi College, Jawaharlal Nehru marg (New Delhi)** at a total project cost of **Rs. 63.00 lakhs (Rupees Sixty three lakhs only)** for **three years** as per budget details are given below:-

Head	Amount (Rs. In lakhs)			
	1 <sup>st</sup> Year rel	2 <sup>nd</sup> Year rel	3 <sup>rd</sup> Year rel	Total
<b><u>Non-Recurring</u></b> Equipment @ Rs. 10.00 lakhs per dept. (Zoology, Electronics, and Mathematics)	30.00	0.00	0.00	<b>30.00</b>
<b><u>Recurring</u></b> to all three depts. @ Rs. 3.00 lakhs per year (Zoology, Electronics, and Mathematics)	9.00	9.00	9.00	<b>27.00</b>
<b><u>Travel Grant (Mentoring, Monitoring and Site Visit) @ Rs. 1.00 lakhs per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b><u>Contingency @ Rs. 1.00 lakh per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b>Total:</b>	<b>41.00</b>	<b>11.00</b>	<b>11.00</b>	<b>63.00</b>

2. **Dr. P. K. Shishodia, Associate Professor, Department of Electronics, Zakir Husain Delhi College, Jawaharlal Nehru marg (New Delhi)** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
3. The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
4. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
5. Non-recurring grant shall be utilized within 18 months of their release.
6. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.

  
Co-  
SUPTA



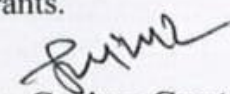
7. The expenditure involved is debitable to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2019-20

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

8. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/3984/2019-20 dated: 29.02.2020**

9. This sanction order has been noted at serial No 133 In the register of grants.

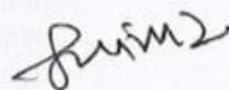
  
**(Dr. Garima Gupta)**  
**Scientist-E**

To,  
The Pay & Accounts Officer  
Department of Biotechnology  
New Delhi-110003

श्री. गरिमा गुप्ता / Dr. GARIMA GUPTA  
विज्ञान शोध विभाग / Scientist E  
जैव प्रौद्योगिकी विभाग / Dept. of Biotechnology  
सि. आर. डी. भवन / C.A.R.D. Bldg. Science & Tech.  
एन. डी. 110003, न. दिल्ली / New Delhi, H. Delhi

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Zakir Husain Delhi College, Jawaharlal Nehru marge (New Delhi).
4. Dr. P. K. Shishodia, Associate Professor, Department of Electronics, Zakir Husain Delhi College, Jawaharlal Nehru marge (New Delhi).
5. Sanction Folder

  
**(Dr. Garima Gupta)**  
**Scientist-E**

श्री. गरिमा गुप्ता / Dr. GARIMA GUPTA  
विज्ञान शोध विभाग / Scientist E  
जैव प्रौद्योगिकी विभाग / Dept. of Biotechnology  
सि. आर. डी. भवन / C.A.R.D. Bldg. Science & Tech.  
एन. डी. 110003, न. दिल्ली / New Delhi, H. Delhi

Dated: 02-Feb-2021

**ORDER**

Subject: Financial Sanction of the research project titled **On Functional Equations Characterizing: Information Theory and Diversity** under the guidance of **Dr. Dhiraj Kumar Singh, Mathematics, Zakir Husain Delhi College , JLN Road, New Delhi, DELHI-110002** - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs. Rupees Six Lakh Sixty Thousand only Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		<b>6,60,000</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only)** to **Zakir Husain Delhi College, JLN Road, New Delhi** 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 **Fund for Science & Engineering Research (FSER)**  
**This release is being made under MATRICS - MATRICS Expert Committee**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/7337/2020-2021** dated **02 February, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Purpose for which grants can be used are detailed at website ([www.serb.gov.in/matrix.php](http://www.serb.gov.in/matrix.php)).

7. Total expenditure for International travel cannot exceed Rs.2,00,000 of the overall budget.

8. 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.

9. 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.

10. The release amount of **Rs. 2,20,000/- (Rupees Two Lakh Twenty 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	ININ00000397
Account Name	Zakir Husain Delhi College Morning
Account Number	8668101012934
Bank Name & Branch	CANARA BANK Zakir Husain Delhi College Branch, Jawaharlal Nehru Marg, Delhi 110002
IFSC/RTGS Code	CNRB0008668
Email address of PI	dk Singh@zh.du.ac.in
Email id of A/C Holder	zakirhusaindelhicollege@gmail.com
Email address of concerned officer	ms_ms@serbonline.in



11. The institute will furnish Utilization certificate (U/C), monthly/quarterly audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the fellowship. 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.

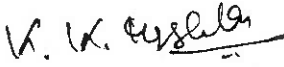
13. The File no. MTR/2020/000508 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. 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.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

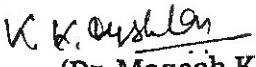
17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.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.	<b>Dr. Dhiraj Kumar Singh</b> <b>Mathematics</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi, DELHI-110002</b> <b>Email: dksingh@zh.du.ac.in</b> <b>Mobile: 919868322749</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	<b>Principal,</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi</b> (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.in

S. NO. CO/P/FP/G205/2021 (G)  
 GOVERNMENT OF INDIA  
 MINISTRY OF SCIENCE & TECHNOLOGY  
 DEPARTMENT OF SCIENCE & TECHNOLOGY  
 (NCSTC DIVISION)

TECHNOLOGY BHAWAN  
 NEW MEHRAULI ROAD  
 NEW DELHI 110016  
 Dated 07.02.2022

ORDER

**Sub: Project proposal, "Youth Science Media Research and Outreach Youth Science Media Challenge", (TPN 70156) – Release of 1<sup>st</sup> Instalment of Recurring Grant-in-Aid**

PI- Dr. Anubha Das, ZAKIR HUSAIN DELHI COLLEGE, Jawaharlal Nehru Marg, university of Delhi, New Delhi (110002)

1. Sanction of the President is hereby accorded to the Recurring Grant of Rs. **34,95,858/-** (Rupees Thirty Four Lakhs Ninety Five Thousand Eight Hundred Fifty Eight only), out of total Sanctioned Grant Rs. 37,64,066/- (Rupees Thirty Seven Lakhs Sixty Four Thousand Sixty Six only), to ZAKIR HUSAIN DELHI COLLEGE, Jawaharlal Nehru Marg, university of Delhi, New Delhi (110002) are Grant-in-Aid General (Recurring) for implementing the above mentioned project proposal for a duration of 1 Year 6 Months, with initial release of Rs. 7,31,792/- (Rupees Seven Lakhs Thirty One Thousand Seven Hundred Ninety Two only) being the first installment of the programme.

2. The budget details are as follows:

BUDGETARY ITEMS	Unit Cost (INR)		Unit Nos		Unit cost (INR) X Nos	TOTAL (INR)
ORGANIZATION OF EVENTS /ACTIVITIES (As Per Work plan)						
1) Trainings/ Workshops/ Camps:						
Workshop 1 for brain storming on Youth Science Media Challenge framework						
a) Honorarium-Resource Persons/ Experts	2000	X	15	=	30000	
b) Organizational Expenses	4000	X	1	=	4000	
Workshop 2 for project progress review, selecting 30 finalists from 2nd round of challenge for mentoring						



a) Honorarium-Resource Persons/Experts	2000	X	15	=	30000	
b) Organizational Expenses	4000	X	1	=	4000	
Workshop 3 for mentoring 30 finalists for grand finale						
a) Honorarium-Resource Persons/Experts	2000	X	12	=	24000	
b) Organizational Expenses	4000	X	1	=	4000	
<b>Sub Total for Training</b>					<b>96000</b>	<b>96000</b>
<b>2) Consultation/ Field Dialogue Meets</b>						
Consultation (subject and Science Media Experts)	2500	X	24	=	60000	
<b>Sub Total</b>				=	<b>60000</b>	<b>60000</b>
<b>3) A/V Resource Development &amp; Dissemination</b>						
AV resource development (Creating "the Igniters") podcasts, slide casts, micro docs etc	3000	X	30	=	90000	
AV resource development - Value addition, mentoring youth science media Dissemination: Honorarium-resource persons, media specialists/ coordinators, science narrative specialists	2000	X	425	=	850000	
MS Office	7000	X	1	=	7000	
Adobe Premium Pro ( Subscription)	1200	X	18	=	21600	
Antivirus (subscription)	84	X	18	=	1512	
Website Domains	1000	X	2	=	2000	
Website Hosting	15000	X	1	=	15000	
SSL Certification	2000	X	1	=	2000	
Website Themes	8000	X	1	=	8000	
Portal and App	500000	X	1	=	500000	
<b>Sub Total</b>				=	<b>1497112</b>	<b>1497112</b>
<b>4) Consumables, Stationery, Telephone, Broadband, Etc.</b>						<b>80000</b>
<b>5) Awards (Rs 10000 X 12)</b>						<b>120000</b>
<b>TOTAL (A1-A5)</b>						<b>1853112</b>

B. MANPOWER/ SALARY/ HONORARIUM/ STIPEND						
Project Associate						1308000
Project Media Manager	35000	X	18	=	630000	
Volunteers	35000	X	18	=	630000	
C. TRAVEL	2000	X	24	=	48000	
D. OVERHEADS						75000
E. CONTINGENCY						184746
GRAND TOTAL						75000
						3495858

3. The Drawing and Disbursing Officer DST, shall draw the aforesaid amount of Rs. 7,31,792/- (Rupees Seven Lakhs Thirty One Thousand Seven Hundred Ninety Two only) from the Pay and Accounts Officer, DST, and remit the same to ZAKIR HUSSAIN DELHI COLLEGE, Jawaharlal Nehru Marg, university of Delhi, New Delhi (110002) through their bank account as per following details:

i	Account Holders name/designation	ZAKIR HUSSAIN DELHI COLLEGE
ii	Name of the Bank	CANARA BANK
iii	Bank Account Number	110033982380
iv	IFSC Code	CNRB0008668
		1100 15087

4. The amount of expenditure is debitable to Budget Head 88:

- 3425 : Other Scientific Research (Major Head)
  - 60 : Others
  - 60.200 : Assistance to Other Scientific Bodes (Minor Head)
  - 70 : Innovation, Technology Development and Deployment
  - 70.00.31: Grants-in-aid General for the year 2021-22
- (Previous: S&T Communication and Popularization- 3425.60.200.08.05.31)

5. It is certified that provisions of GFR 212 relating to UCs for the funds released under the project being the first installment is not applicable.

6. Grantee Institution (GI) is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the GI.

7. The project implementation must adhere to the Guidelines/SOPs/Office Orders, etc. from Central Govt. or State Govt. agencies as applicable from time to time.

8. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year



from the scheduled date of completion of the project.

9. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/closure of project accounts.

11. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

12. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant;

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

13. The grant organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For grant released during F.Y. 2017-18 and onwards, all interest and other earnings against released grant shall be remitted to Consolidated Fund of India (through Non Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), Immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of Expenditure / Utilization Certificate for considering subsequent release of grant /Closure of Grant /Closure of project accounts.

14. As per GFR 2017, Rule 230. (17) (i) As a precondition to the sanction of Grants-in-aid to the agencies where:

- (a) the recipient body employs more than twenty persons on a regular basis and at least fifty per cent of its recurring expenditure is met from Grants-in-aid from Central Government; and
- (b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-aid of Rupees twenty lakhs and above from the Consolidated Fund of India;

the Grant sanctioning authority should ensure that a suitable clause is invariably included in the terms and conditions under which the Grants-in aid are given, to provide for reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and services under such organizations or agencies. The relative provision may be on the following lines :-



the grantee organization, referred in this sanction, agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India.

(ii) While sanctioning Grants-in-aid to Institutions or Organisations referred to under (a) above, the Grant sanctioning authority should keep in view the progress made by such Institutions or Organisations in employing Scheduled Castes and Scheduled Tribes or OBC candidates in their services.

15. PI/ Coordinator shall not draw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency for this project.

16. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee Organisation Immediately on receipt of the grant.

(b) Goods (consumables/equipment) available in GeM portal are to be mandatory procured online through GeM only.

(c) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

17. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

18. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

19. The Organization/institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science & Technology should invariably be highlighted/acknowledged in their Media Releases as well as in bold letters in the opening paragraphs of their Annual Report during and after the completion of the project.

20. The sanction of this grant is subject to the terms and conditions specified in the Annexure-I enclosed. It is further subject to the following conditions:

i) Any publicity material/invitation cards/banners/handouts/brochures etc. brought out and used during the course of the project will have a mention in bold visible letters, "Catalyzed and supported by National Council for Science & Technology Communication, DST, Govt. of India, New Delhi"

ii) Details of content & quality of awareness generating software, training modules, etc shall be vetted by NCSTC.

iii) Based on the satisfactory progress as assessed by mid-term review/monitoring by NCSTC the continuity of the project shall be allowed and release of further installments made.

iv) Information about the programme venue & dates will be given to NCSTC.



v) Two feedback forms one for resource persons and other for participants will be developed by organization to obtain feedback from them. These will be analyzed and will be sent as part of the project completion report.

vi) The grantee shall abide by the monitoring, review and evaluation by NCSTC. The formats for Annual/Mid-term Progress Report & Progress Report Updates, and Project Completion Report may be obtained from the nodal officer issuing the sanction Order.

21. As per rule 234 of GFR 2017, this sanction has been entered at S.No. <sup>413</sup> In the register of grant maintained in the Division for the Scheme Innovation, Technology Development and Deployment

22. This sanction issues under the power delegated to Ministries and with the concurrence of the IFD, DST vide their Sanction No. **3780 /IFD/ 2021 - 22** dated **28-12-2021**.

*Pamposh Kumar*

(PAMPOSH KUMAR)  
Scientist - F

To,  
The Pay & Accounts Officer,  
Department of Science & Technology, New Delhi - 110 016

Copy to:

1. Cash Section (Three copies)
2. IFD/Budget & Accounts Section
3. The Principal Director of Audit (Science Department), IIRD Floor, AGCR Building, I.P. Estate, New Delhi
5. Scientist G (Head, NCSTC)/Sanction Folder/Data Entry Folder

**6. Dr. Anubha Das**  
**ZAKIR HUSAIN DELHI COLLEGE**  
**Jawaharlal Nehru Marg, university of Delhi, New Delhi**  
**(110002)**

*Pamposh Kumar*

(PAMPOSH KUMAR)  
Scientist - F

FILE NO. EMR/2017/003128  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 24-Aug-2021

**ORDER**

Subject: Research project entitled "**Understanding the mechanism for onset of reproductive activity in seasonally breeding reptile Hemidactylus flaviviridis: an emphasis on the role of the kisspeptin system**" under the guidance of Dr. SUNIL KUMAR, Zoology, Zakir Husain Delhi College, Zakir Husain Delhi College, Jln road, new delhi, New delhi, Delhi-110002.

1. This is in continuation of SERB's sanction order No. "EMR/2017/003128" dated "01 November, 2018 " of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 500000/-** (Rupees Five Lakh only) under 'Grants-in-aid General' to **Principal, Zakir Husain Delhi College, JLN Road, New Delhi** being the 3rd grant for the financial year 2021-2022 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 178401/-** (Rupees One Lakh Seventy Eight Thousand Four Hundred and One only) ( Recurring Rs. 178401 and Non-Recurring Rs. 0 ) to Zakir Husain Delhi College, JLN Road, New Delhi from FY 2020-2021 to FY 2021-2022 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**  
**This release is being made under Core Research Grant. (PAC Animal Sciences)**
7. The Sanction has been issued to Zakir Husain Delhi College, JLN Road, New Delhi with the approval of the competent authority under delegated powers on **19 August, 2021** and vide Diary No. **SERB/F/2549/2021-2022** dated **24 August, 2021**
8. The release amount of **Rs. 500000/-** (Rupees Five Lakh only) ( Recurring Rs. 500000 and Non-Recurring Rs. 0 ) 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:

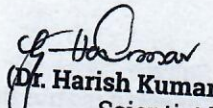
<b>PFMS Unique Code</b>	ININ00000397
<b>Account Name</b>	DST MRP UNDERS SYS
<b>Account Number</b>	8668101012740
<b>Bank Name &amp; Branch</b>	CANARA BANK ZAKIR HUSAIN COLLEGE BRANCH, JAWAHARLAL NEHRU MARG, DELHI-110002
<b>IFSC/RTGS Code</b>	CNRB0008668
<b>Email id of A/C Holder</b>	zakirhusaindelhicollege@gmail.com
<b>Email id of PI</b>	skumar.zoology@gmail.com

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. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring ) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.



13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

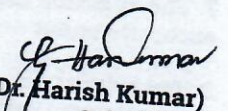
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
**(Dr. Harish Kumar)**  
 Scientist F  
 ms\_as@serbonline.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.	<b>Dr. SUNIL KUMAR</b> <b>Zoology, Zakir Husain Delhi College</b> <b>Zakir Husain Delhi College, Jln road, new delhi, New delhi, Delhi-110002</b> <b>Email: skumar.zoology@gmail.com</b> <b>Mobile: 919810155414</b>
5.	<b>Principal,</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi</b>

  
**(Dr. Harish Kumar)**  
 Scientist F  
 ms\_as@serbonline.in



**ORDER**

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme to **Zakir Husain Delhi College, Jawaharlal Nehru marg (New Delhi)** at a total project cost of **Rs. 63.00 lakhs (Rupees Sixty three lakhs only)** for **three years** as per budget details are given below:-

Head	Amount (Rs. In lakhs)			
	1 <sup>st</sup> Year rel	2 <sup>nd</sup> Year rel	3 <sup>rd</sup> Year rel	Total
<b><u>Non-Recurring</u></b> Equipment @ Rs. 10.00 lakhs per dept. (Zoology, Electronics, and Mathematics)	30.00	0.00	0.00	<b>30.00</b>
<b><u>Recurring</u></b> to all three depts. @ Rs. 3.00 lakhs per year (Zoology, Electronics, and Mathematics)	9.00	9.00	9.00	<b>27.00</b>
<b><u>Travel Grant (Mentoring, Monitoring and Site Visit) @ Rs. 1.00 lakhs per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b><u>Contingency @ Rs. 1.00 lakh per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b>Total:</b>	<b>41.00</b>	<b>11.00</b>	<b>11.00</b>	<b>63.00</b>

2. **Dr. P. K. Shishodia, Associate Professor, Department of Electronics, Zakir Husain Delhi College, Jawaharlal Nehru marg (New Delhi)** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
3. The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
4. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
5. Non-recurring grant shall be utilized within 18 months of their release.
6. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.

  
Co-ordinator



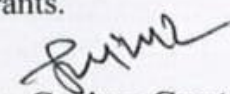
7. The expenditure involved is debitable to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2019-20

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

8. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/3984/2019-20 dated: 29.02.2020**

9. This sanction order has been noted at serial No 133 In the register of grants.

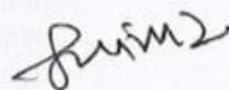
  
**(Dr. Garima Gupta)**  
**Scientist-E**

To,  
The Pay & Accounts Officer  
Department of Biotechnology  
New Delhi-110003

श्री. गरिमा गुप्ता / Dr. GARIMA GUPTA  
विज्ञान शोध विभाग / Scientist E  
जैव प्रौद्योगिकी विभाग / Dept. of Biotechnology  
सि. ३११, ११०००३ / New Delhi-110003  
सि. ३११, ११०००३ / Govt. of India, N. Delhi

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Zakir Husain Delhi College, Jawaharlal Nehru marge (New Delhi).
4. Dr. P. K. Shishodia, Associate Professor, Department of Electronics, Zakir Husain Delhi College, Jawaharlal Nehru marge (New Delhi).
5. Sanction Folder

  
**(Dr. Garima Gupta)**  
**Scientist-E**

श्री. गरिमा गुप्ता / Dr. GARIMA GUPTA  
विज्ञान शोध विभाग / Scientist E  
जैव प्रौद्योगिकी विभाग / Dept. of Biotechnology  
सि. ३११, ११०००३ / New Delhi-110003  
सि. ३११, ११०००३ / Govt. of India, N. Delhi

Dated: 02-Feb-2021

**ORDER**

Subject: Financial Sanction of the research project titled **On Functional Equations Characterizing: Information Theory and Diversity** under the guidance of **Dr. Dhiraj Kumar Singh, Mathematics, Zakir Husain Delhi College , JLN Road, New Delhi, DELHI-110002** - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs. Rupees Six Lakh Sixty Thousand only Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		<b>6,60,000</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only)** to **Zakir Husain Delhi College, JLN Road, New Delhi** 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 **Fund for Science & Engineering Research (FSER)**  
**This release is being made under MATRICS - MATRICS Expert Committee**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/7337/2020-2021** dated **02 February, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Purpose for which grants can be used are detailed at website ([www.serb.gov.in/matrix.php](http://www.serb.gov.in/matrix.php)).

7. Total expenditure for International travel cannot exceed Rs.2,00,000 of the overall budget.

8. 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.

9. 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.

10. The release amount of **Rs. 2,20,000/- (Rupees Two Lakh Twenty 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	ININ00000397
Account Name	Zakir Husain Delhi College Morning
Account Number	8668101012934
Bank Name & Branch	CANARA BANK Zakir Husain Delhi College Branch, Jawaharlal Nehru Marg, Delhi 110002
IFSC/RTGS Code	CNRB0008668
Email address of PI	dk Singh@zh.du.ac.in
Email id of A/C Holder	zakirhusaindelhicollege@gmail.com
Email address of concerned officer	ms_ms@serbonline.in



11. The institute will furnish Utilization certificate (U/C), monthly/quarterly audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the fellowship. 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.

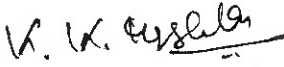
13. The File no. MTR/2020/000508 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. 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.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

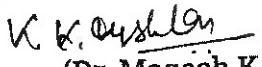
17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.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.	<b>Dr. Dhiraj Kumar Singh</b> <b>Mathematics</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi, DELHI-110002</b> <b>Email: dksingh@zh.du.ac.in</b> <b>Mobile: 919868322749</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	<b>Principal,</b> <b>Zakir Husain Delhi College, JLN Road, New Delhi</b> (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.in

FILE NO. EMR/2017/003128  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 08-Jul-2020

**ORDER**

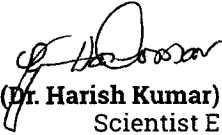
Subject: Research project entitled "**Understanding the mechanism for onset of reproductive activity in seasonally breeding reptile Hemidactylus flaviviridis: an emphasis on the role of the kisspeptin system**" under the guidance of Dr. SUNIL KUMAR, Zoology, Zakir Husain Delhi College, Zakir Husain Delhi College, Jln road, new delhi, New delhi, Delhi-110002.

1. This is in continuation of SERB's sanction order No. "EMR/2017/003128" dated "01 November, 2018 " of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 800000/-** (Rupees Eight Lakh only) under 'Grants-in-aid General' to **Principal, Zakir Husain Delhi College, JLN Road, New Delhi** being the 2nd grant for the financial year 2020-2021 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 306724/-** (Rupees Three Lakh Six Thousand Seven Hundred and Twenty Four only) ( Recurring Rs. 11331 and Non-Recurring Rs. 295393 ) to Zakir Husain Delhi College, JLN Road, New Delhi from FY 2019-2020 to FY 2020-2021 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debit to **Fund for Science & Engineering Research (FSER)**  
**This release is being made under Core Research Grant. (PAC Animal Sciences)**
7. The Sanction has been issued to Zakir Husain Delhi College, JLN Road, New Delhi with the approval of the competent authority under delegated powers on **23 June, 2020** and vide Diary No. **SERB/F/1272/2020-2021** dated **07 July, 2020**
8. The release amount of **Rs. 800000/-** (Rupees Eight Lakh only) ( Recurring Rs. 800000 and Non-Recurring Rs. 0 ) 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:

<b>PFMS Unique Code</b>	ININ00000397
<b>Account Name</b>	DST MRP UNDERS SYS
<b>Account Number</b>	8668101012740
<b>Bank Name &amp; Branch</b>	CANARA BANK ZAKIR HUSAIN COLLEGE BRANCH, JAWAHARLAL NEHRU MARG, DELHI-110002
<b>IFSC/RTGS Code</b>	CNRB0008668
<b>Email id of A/C Holder</b>	zakirhusaindelhicollege@gmail.com
<b>Email id of PI</b>	skumar.zoology@gmail.com
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. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring ) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.
13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.



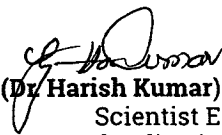
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. Harish Kumar)  
Scientist E  
ms\_as@serbonline.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.	<b>Dr. SUNIL KUMAR</b> Zoology, Zakir Husain Delhi College Zakir Husain Delhi College , Jln road, new delhi, New delhi, Delhi-110002 Email: skumar.zoology@gmail.com Mobile: 919810155414
5.	Principal, Zakir Husain Delhi College, JLN Road, New Delhi

  
(Dr. Harish Kumar)  
Scientist E  
ms\_as@serbonline.in

**ORDER**

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme to **Zakir Husain Delhi College, Jawaharlal Nehru marg (New Delhi)** at a total project cost of **Rs. 63.00 lakhs (Rupees Sixty three lakhs only)** for **three years** as per budget details are given below:-

Head	Amount (Rs. In lakhs)			
	1 <sup>st</sup> Year rel	2 <sup>nd</sup> Year rel	3 <sup>rd</sup> Year rel	Total
<b><u>Non-Recurring</u></b> Equipment @ Rs. 10.00 lakhs per dept. (Zoology, Electronics, and Mathematics)	30.00	0.00	0.00	<b>30.00</b>
<b><u>Recurring</u></b> to all three depts. @ Rs. 3.00 lakhs per year (Zoology, Electronics, and Mathematics)	9.00	9.00	9.00	<b>27.00</b>
<b><u>Travel Grant (Mentoring, Monitoring and Site Visit) @ Rs. 1.00 lakhs per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b><u>Contingency @ Rs. 1.00 lakh per year</u></b>	1.00	1.00	1.00	<b>3.00</b>
<b>Total:</b>	<b>41.00</b>	<b>11.00</b>	<b>11.00</b>	<b>63.00</b>

2. **Dr. P. K. Shishodia, Associate Professor, Department of Electronics, Zakir Husain Delhi College, Jawaharlal Nehru marg (New Delhi)** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
3. The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
4. As per "Rule 236 (1) of GFR 2017", the Account of all Grantee Institution or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institute or Organisation is called upon to do so.
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6. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.

  
Co-  
S. GUPTA



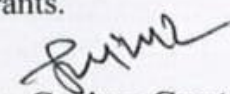
7. The expenditure involved is debitable to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2019-20

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

8. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/3984/2019-20 dated: 29.02.2020**

9. This sanction order has been noted at serial No 133 In the register of grants.

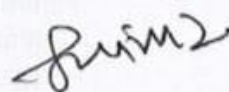
  
**(Dr. Garima Gupta)**  
**Scientist-E**

To,  
The Pay & Accounts Officer  
Department of Biotechnology  
New Delhi-110003

श्री. गरिमा गुप्ता / Dr. GARIMA GUPTA  
विज्ञान शोध विभाग / Scientist E  
आनुवंशिकी, प्रजनन एवं बायो-टेक्नोलॉजी  
विभाग, अखिल भारतीय वैद्यकीय विज्ञान संस्थान  
एन.डी.ए.ए., नई दिल्ली / Govt. of India, N. Delhi

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
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