



**3.2.2 Grants received from Government and Non-governmental agencies for research projects, endowments, Chairs in the institution during the year (INR in lakhs)**

S.No	Name of the Principal Investigator/ Co-Investigator (if applicable)	Department of the Principal Investigator/ Co-Investigator	Name of the Funding Agency	Page No.
1	Dr. K Jagannadha Rao (PI) &Dr. Arshad Hussain Choudhury (CO-PI)	Civil Engineering	APAAR Infratech Private Limited	1
2	Dattatreya Sarma Achanta D. Krishna Reddy D. L. S. Reddy	ECE&IT	CRG	2
3	Marepally Bhanu Chandra	ECE	MSME Idea Hackathon 2.0	13
4	Md Ziauddin Jahangir D. Krishna Reddy Marepally Bhanu Chandra M. Ramana Reddy	ECE	Meity, Chips to Startup	14
5	Vinodh Kumar Minchula A. Supraja Reddy	ECE	SURE	18
6	Marepally Bhanu Chandra C. Venkata Narasimhulu	ECE	Tomato Grand Challenge	27
7	N. V. Koteswara Rao D. Srikar	ECE	CARS	31
8	Dr. M Balasubbareddy Dr. P. Venkata Prasad	EEE	SPARC-MHRD	35
9	Dr. S. ShanmukharaoSamatham	Dept of Physics	SERB-CRG CRG/2022/0007993	45
10	Dr. S. ShanmukharaoSamatham	Dept of Physics	UGC-CSR) (CRS/2022- 23/01/712)	47



Principal

Ref: AIPL/R&D/CBIT/2023-001

Dt: 16-10-2023

Sanction Letter

Subject: Financial Sanction of the research project titled “**Effectiveness of Crystalline Admixture in Healing Crack of Beams Subjected to Static Loading**” under the guidance of **Dr. K Jagannadha Rao** (Principal Investigator:), Professor of Civil Engineering, Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad and **Dr. Arshad Hussian Choudhury** (Co-Investigator), Assistant Professor, Civil Engineering Department, CBIT, Hyderabad - Approved – Reg.

Ref: Project proposal of **Dr. K Jagannadha Rao**, by email dated: 30-09-2023.

Sanction of **APAAR Infratech Pvt. Ltd.** is hereby accorded to the above mentioned project at a total cost of Rs. 2,00,000/- (Rs. Two Lakh Only) with break-up of Rs. **1,51,000/-** under Capital (Non-recurring) head, Rs. 22,913/- under General (Recurring) head and Rs. 26,087 under college overhead for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2,00,000/- has been approved are given below:

The following budget may be considered for Chaitanya Bharathi Institute of Technology, Gandipet

<b>1</b>	<b>Recurring</b>	
	a) Cement	5,200
	b) Reinforcement	15,700
	c) Super plasticizer	2,013
	<b>Sub-total</b>	<b>22,913</b>
<b>2</b>	<b>Non-recurring</b>	
	a) Fork-lift	51,000
	b) Beam moulds	30,000
	c) Magnified Graticule (crack measurement)	25,000
	d) 250 L tilting drum mixer	45,000
	<b>Sub-Total</b>	<b>1,51,000</b>
	<b>Total (Recurring + non-recurring)</b>	<b>1,73,913</b>
	College overhead (15%)	26,087
	<b>Grand Total (Rs)</b>	<b>2,00,000</b>

**Terms and condition:**

1. The above sanction is strictly for academic research and not for any commercial utilisation.
2. The funds sanctioned shall be utilised strictly under the heads as outlined above.
3. The results/outcome of this research shall be shared with our organization prior to its publication.

  
**Ashwini Kumar Rai**  
 Managing Director



# Payment Release History

**File Number :** CRG/2021/001660

**Project Title :** A New Model For Short Term Forecasting Of Scintillations Using Machine Learning Approach And Generation Of Regional Scintillation Maps

**Investigator Name :** Dattatreya Sarma Achanta

## Release

SR No.	Amount (₹)	Institute Details	Payment Made On	UTR No.	Mode of Payment	Account No.	Bank Details
1	<u>6,00,000</u>	Chaitanya Bharathi Institute of Technology Gandipet	10-Jun-2024	RBI1622425360489	RTGS	180401001258	ICICI Bank ICIC0004385 CBIT
2	<u>3,50,000</u>	Chaitanya Bharathi Institute of Technology Gandipet	04-Aug-2023	RBI2162316340211	RTGS	180401001258	ICICI Bank ICIC0004385 CBIT
3	<u>23,50,000</u>	Chaitanya Bharathi Institute of Technology Gandipet	21-Feb-2022	RBI0532218045354	RTGS	180401001258	ICICI Bank ICIC0004385 CBIT
<b>Total</b>	<b>33,00,000</b>						



FILE NO. CRG/2021/001660  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(A statutory body of the Department of Science & Technology, Government of India)  
Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 11 February, 2022

**ORDER**

Subject: Financial Sanction of the research project titled **A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps** under the guidance of Dr. Dattatreya Sarma Achanta, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. Lakshmisreenivasareddy Dirisinapu, ASSOCIATE PROFESSOR, INFORMATION TECHNOLOGY, Chaitanya Bharathi Institute Of Technology and by Prof. Desireddy Krishna Reddy, Professor, Electronics And Communication Engineering, Chaitanya Bharathi Institute Of Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3704360/-** (Rs. Thirty Seven Lakh Four Thousand Three Hundred and Sixty Only) with break-up of **Rs. 1645000/- under Capital (Non-recurring) head** and **Rs. 2059360/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3704360/-** has been approved are given below:

The following budget may be considered for **Chaitanya Bharathi Institute Of Technology, Gandipet**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> PoLaRx5S Ionospheric Monitoring GNSS	1645000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1645000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1443360 220000 60000
2	Recurring - IV : (Overhead Charges)	336000
<b>B'</b>	<b>Total (Recurring)</b>	<b>2059360</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3704360</b>

2. 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)).
3. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
4. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
6. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
8. The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project



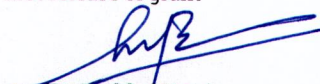


11. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

12. The project File no. CRG/2021/001660 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

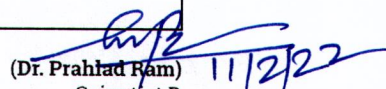
14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

  
(Dr. Prahlad Ram)  
Scientist D  
prahlad@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	<p><b>Dr. Dattatreya Sarma Achanta</b> <b>Electronics and Communication Engineering</b> <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b> <b>Email: ad_sarma@yahoo.com</b> <b>Mobile: 919440934242</b></p> <p><b>Dr. Lakshmisreenivasareddy Dirisinapu</b> <b>INFORMATION TECHNOLOGY</b> <b>Chaitanya Bharathi Institute Of Technology</b></p> <p><b>Prof. Desireddy Krishna Reddy</b> <b>Electronics And Communication Engineering</b> <b>Chaitanya Bharathi Institute Of Technology</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Principal,</b> <b>Chaitanya Bharathi Institute Of Technology, Gandipet</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Prahlad Ram) 11/2/22  
Scientist D  
prahlad@serb.gov.in

FILE NO. CRG/2021/001660-G

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(A statutory body of the Department of Science &amp; Technology, Government of India)

Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

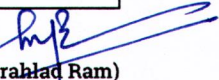
Dated: 11 February, 2022

**ORDER**

Subject: Research project entitled **A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps** under the guidance of Dr. Dattatreya Sarma Achanta, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. LakshmiSreenivasareddy Dirisinapu, ASSOCIATE PROFESSOR, INFORMATION TECHNOLOGY, Chaitanya Bharathi Institute Of Technology and by Prof. Desireddy Krishna Reddy, Professor, Electronics And Communication Engineering, Chaitanya Bharathi Institute Of Technology.

1. In continuation of SERB's sanction order No. CRG/2021/001660 dated 11 February, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 705000/-** under 'Grants-in-aid General' to Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana-500075 being the grant for the financial year 2021-2022 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)) and as mentioned in the sanction order of even number dated 11 February, 2022.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitible to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Earth & Atmospheric Sciences**) (General) .
5. The Sanction has been issued with the approval of the competent authority on **09 February, 2022** and vide Diary No. **SERB/F/8301/2021-2022** dated **10 February, 2022**..
6. The release amount of **Rs. 705000/-** (Rupees Seven Lakh Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

<b>PFMS Unique Code</b>	CBIT
<b>Account Name</b>	CBIT RECURRING EXPENDITURE
<b>Account Number</b>	180401001258
<b>Bank Name &amp; Branch</b>	ICICI Bank CBIT, Gandipet, Kokapet (V), Gandipet (M), Rangareddy (D)
<b>IFSC/RTGS Code</b>	ICIC0004385
<b>Email id of A/C Holder</b>	principal@cbit.ac.in
<b>Email id of PI</b>	ad_sarma@yahoo.com

  
(Dr. Prahlad Ram)  
Scientist D  
prahlad@serb.gov.in

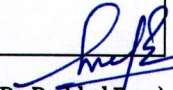
To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy



4.	<p><b>Dr. Dattatreya Sarma Achanta</b> <b>Electronics and Communication Engineering</b> <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b> <b>Email: ad_sarma@yahoo.com</b> <b>Mobile: 919440934242</b></p> <p><b>Dr. Lakshmisreenivasareddy Dirisinapu</b> <b>INFORMATION TECHNOLOGY</b> <b>Chaitanya Bharathi Institute Of Technology</b></p> <p><b>Prof. Desireddy Krishna Reddy</b> <b>Electronics And Communication Engineering</b> <b>Chaitanya Bharathi Institute Of Technology</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in.</a>)</p>
5.	<p><b>Principal,</b> <b>Chaitanya Bharathi Institute Of Technology, Gandipet</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Prahlad Ram) 11/2/2022  
Scientist D  
prahlad@serb.gov.in

FILE NO. CRG/2021/001660-C  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
 (A statutory body of the Department of Science & Technology, Government of India)  
 Science and Engineering Research Board  
 3rd & 4th Floor, Block II  
 Technology Bhavan, New Mehrauli Road  
 New Delhi - 110016

Dated: 11 February, 2022

**ORDER**

Subject: Research project entitled **A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps** under the guidance of Dr. Dattatreya Sarma Achanta, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. Lakshmisreenivasareddy Dirisinapu, ASSOCIATE PROFESSOR, INFORMATION TECHNOLOGY, Chaitanya Bharathi Institute Of Technology and by Prof. Desireddy Krishna Reddy, Professor, Electronics And Communication Engineering, Chaitanya Bharathi Institute Of Technology.

1. In continuation of SERB's sanction order No. CRG/2021/001660 dated 11 February, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1645000/-** under 'Grants-in-aid Capital' to Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana-500075 being the grant for the financial year 2021-2022 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)) and as mentioned in the sanction order of even number dated 11 February, 2022.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Earth & Atmospheric Sciences**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **09 February, 2022** and vide Diary No. **SERB/F/8300/2021-2022** dated **10 February, 2022**.
6. The release amount of **Rs. 1645000/-** (Rupees Sixteen Lakh Forty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	CBIT
Account Name	CBIT RECURRING EXPENDITURE
Account Number	180401001258
Bank Name & Branch	ICICI Bank CBIT, Gandipet, Kokapet (V), Gandipet (M), Rangareddy (D)
IFSC/RTGS Code	ICIC0004385
Email id of A/C Holder	principal@cbit.ac.in
Email id of PI	ad_sarma@yahoo.com

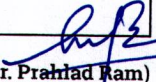
(Dr. Prahlad Ram)  
 Scientist D  
 prahlad@serb.gov.in

To,  
 Under Secretary  
 SERB, New Delhi  
 Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy



4.	<p><b>Dr. Dattatreya Sarma Achanta</b> Electronics and Communication Engineering Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075 Email: ad_sarma@yahoo.com Mobile: 919440934242</p> <p><b>Dr. Lakshmisreenivasareddy Dirisinapu</b> INFORMATION TECHNOLOGY Chaitanya Bharathi Institute Of Technology</p> <p><b>Prof. Desireddy Krishna Reddy</b> Electronics And Communication Engineering Chaitanya Bharathi Institute Of Technology (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Principal,</b> Chaitanya Bharathi Institute Of Technology, Gandipet</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Prahlad Ram)  
Scientist D  
prahlad@serb.gov.in

11/12/22

FILE NO. CRG/2021/001660  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)

Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 24-Jul-2023

**ORDER**

Subject: Research project entitled "**A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps**" under the guidance of Dr. Dattatreya Sarma Achanta, Electronics and Communication Engineering , Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075 and by Dr. Lakshmisreenivasareddy Dirisinapu, ASSOCIATE PROFESSOR, INFORMATION TECHNOLOGY, Chaitanya Bharathi Institute Of Technology and by Prof. Desireddy Krishna Reddy, Professor, Electronics And Communication Engineering , Chaitanya Bharathi Institute Of Technology.

1. This is in continuation of SERB's sanction order No. "CRG/2021/001660" dated "14 February, 2022" of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 350000/-** (Rupees Three Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Principal, Chaitanya Bharathi Institute Of Technology, Gandipet** being the 2nd grant for the financial year 2023-2024 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. 486311/-** (Rupees Four Lakh Eighty Six Thousand Three Hundred and Eleven only) ( Recurring Rs. 375750 and Non-Recurring Rs. 110561 ) to Chaitanya Bharathi Institute of Technology, Gandipet from FY 2022-2023 to FY 2023-2024 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 Earth & Atmospheric Sciences)**
7. The Sanction has been issued to Chaitanya Bharathi Institute Of Technology, Gandipet with the approval of the competent authority under delegated powers on **21 July, 2023** and vide Diary No. **SERB/F/4170/2023-2024** dated **22 July, 2023**
8. The release amount of **Rs. 350000/-** (Rupees Three Lakh Fifty Thousand only) ( Recurring Rs. 350000 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>	CBIT
<b>Account Name</b>	CBIT RECURRING EXPENDITURE
<b>Account Number</b>	180401001258
<b>Bank Name &amp; Branch</b>	ICICI Bank CBIT, Gandipet, Kokapet (V), Gandipet (M), Rangareddy (D)
<b>IFSC/RTGS Code</b>	ICIC0004385
<b>Email id of A/C Holder</b>	principal@cbit.ac.in
<b>Email id of PI</b>	ad_sarma@yahoo.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.

*for*   
(Dr. Prahlad Ram)  
Scientist D  
prahlad@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	<b>Dr. Dattatreya Sarma Achanta</b> <b>Electronics and Communication Engineering</b> <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b> <b>Email: ad_sarma@yahoo.com</b> <b>Mobile: 919440934242</b>  <b>Dr. Lakshmisreenivasareddy Dirisinapu</b> <b>INFORMATION TECHNOLOGY</b> <b>Chaitanya Bharathi Institute Of Technology</b>  <b>Prof. Desireddy Krishna Reddy</b> <b>Electronics And Communication Engineering</b> <b>Chaitanya Bharathi Institute Of Technology</b>
5.	<b>Principal,</b> <b>Chaitanya Bharathi Institute Of Technology, Gandipet</b>

*for*   
(Dr. Prahlad Ram)  
Scientist D  
prahlad@serb.gov.in

## Create Expenditure Details

### Expenditure Header:

**Scheme: \***   Through  
Holding Account

**Project**  [Select Project](#)

**Agency Account Choice: \***

**Bank Account: \***

### Linked Sanctions:

**Expenditure Done For: \***

**Letter/Office Order No.:**

**Office Order Letter Attachment (if any):**  No file chosen   
Note: Only files of type jpg, png, and pdf of size not more than 4MB are allowed.

**Uploaded Sanction Letter:**

**Sanction Date: \***  

**Actual Transaction Date: \***  

**Total Available Amount:**

**Unapproved Voucher Amount:**

**Total Amount: \***

**Narration: \***

**Voucher Number:**

### Scheme Component Details:

**List of 276 Idea Proposals approved during 4th PMAC Meeting of MSME Innovative Scheme held on 26.06.2023 & Announced by Hon'ble Minister of MSME on the occasion of International MSME Day at Vigyan Bhawan, New Delhi on 27.06.2023**

S.No.	Idea Ref. No.	Host Institute Name	State/UT	Incubatee Name	Title of the Idea	Theme Name
1	IDEATN007689	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	TAMIL NADU	Jey Siddharth	Smart Farming using Embedded IoT and Mobile Application	Digital Agriculture
2	IDEAKR007960	Shri Madhwa Vadiraja Institute of Tehnology and Management	KARNATAK A	Karthik V	Development of Tree Delimber for Shade Trees in Coffee Plantation	Digital Agriculture
3	IDEAAP006408	KKR and KSR Institute of Technology and Sciences	ANDHRA PRADESH	KRISHNAMO ORTHY R	Design and Development of Machine learning based fruit plucking drone	Digital Agriculture
4	IDEAKR006226	DAYANANDA SAGAR COLLEGE OF ENGINEERING	KARNATAK A	Bhuvan J	GoAgro Design and development of a precision Farming Bot	Digital Agriculture
5	IDEATN005786	M.Kumarasamy College of Engineering	TAMIL NADU	Kamalesh R	Machine Learning based Fully Automated Agriculture Crop Seeding, Monitoring, Fertilizing Robot	Digital Agriculture
6	IDEATN007912	KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	Benjamin Deva Sakayam S	AN IOTENABLED ECO-FRIENDLY APPROACH FOR THE RETENTION OF WATER IN DROUGHT AGRICULTURAL FIELDS USING SUPERABSORBENT POLYMERS MADE FROM WASTE PINEAPPLE (ANANASCOMOSUS) PEEL	Digital Agriculture
7	IDEATN007770	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli	TAMIL NADU	P.Ramadevi	IOT based AGRICULTURAL Intelligent ROBOT (AGRI-INT-ROBO)	Digital Agriculture
8	IDEATS008582	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	TELANGAN A	DONAPATI RAMESH REDDY	IoT and Machine Learning-based Precise Germination Prediction to Access the Quality of Grains for Different Crops.	Digital Agriculture
9	IDEAAP010637	Anil Neerukonda Institute of Technology & Sciences	ANDHRA PRADESH	Rajya Lakshmi valluri	FAMILY FARMER -APP FOR ORGANIC FARMING	Digital Agriculture
10	IDEATN008624	KCG College of Technology	TAMIL NADU	Surajnarayana n S	DESGIN AND DEVELOPMENT OF ML BASED ONION COLD SYSTEM	Digital Agriculture
11	IDEATN007695	Paavai Engineering College	TAMIL NADU	Balamurugan Mani	Solar Insect Trapper	Digital Agriculture



273	IDEAOD006772	INSTITUTE OF PHARMACY & TECHNOLOGY SALIPUR	ODISHA	Vineet Kumar Rai	Top-down cellulose extractor for paper waste management	Waste to Wealth creation, Circular solutions & waste management
274	IDEATS008537	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY	TELANGAN A	Marepally Bhanu Chandra	Mycelium Fungi Spores based conversion of Cellulose waste to Graphene Nano-material for Hydrogen Fuel Generation	Waste to Wealth creation, Circular solutions & waste management
275	IDEATN005895	Rajalakshmi Engineering College	TAMIL NADU	s Geetha	DEVELOPMENT OF LIGHTWEIGHT PRECAST WALL PANELS USING FOUNDRY SAND	Waste to Wealth creation, Circular solutions & waste management
276	IDEAUP005589	Sharda University	UTTAR PRADESH	Soumya Pandit	Maximizing energy recovery using microalgae in novel microbial carbon capture cells via Carbon dioxide sequestration	Waste to Wealth creation, Circular solutions & waste management

Category- II(9(ii))  
CB&SD-Model-I  
(2<sup>nd</sup> 25%)

EE-9/2/2021-R&D-E  
Government of India  
Ministry of Electronics & Information Technology  
R&D in Electronics Group  
(Microelectronics Development Division)

New Delhi-110003  
Dated: 22.02.2024

To

The Pay & Accounts Officer  
Pay & Accounts Office  
Ministry of Electronics and Information Technology  
Electronics Niketan.  
New Delhi –110003.

**Subject:** Release of Grants-in-aids for the implementations of the Project “The Design, Fabrication and Development of Silicon Proven IP core for High Resolution ADPLL” to be implemented by University College of Engineering Osmania University, Hyderabad and Chaitanya Bharathi Institute of Technology, Hyderabad under Chips to Startup (C2S) Programme.

**Implementing Agency (Lead):** University College of Engineering Osmania University, Hyderabad.

**Administrative Approval:** EE-9/2/2021-R&D-E dated 19.05.2023.

Sir,

I am directed to refer to Administrative Approval dated 28.12.2021 and subsequent letter dated 21.02.2022, 18.05.2023 & 15.01.2024 regarding implementation of Chips to Startups (C2S) Programme by participating organizations across the country including Academic Institutions, R&D organizations Startups and MSMEs at a total estimated cost of Rs.250 Cr over a period of Five years. I am directed to refer to Administrative Approval dated 19.05.2023 for the implementation of above project under Category II (S.No9(ii)) of Programme “Chips to Startup (C2S) at a total estimated cost of **Rs.191.50 Lakh (Rupees One Crore Ninety One lakh Fifty Thousand only)** from Ministry of Electronics and Information Technology as Grant-in-Aid. The duration of the project is 5 years.

2. I am also directed to convey the sanction of the President of India to the release of **Rs.4,78,762/- (Rupees Four Lakh Seventy Eight Thousand Seven Hundred Sixty Two Only)** as part payment of first installment of Grants-in-Aid to **Chaitanya Bharti Institute of Technology, Hyderabad** for the implementation of the above project under Chips to Startup (C2S) Programme for the financial year 2023-24 (In terms of MoF’s OM No.3/(41)/PFMS/2022 date 20/04/2023 the present release is not more than 25 % of the amount earmarked for M/s **Chaitanya Bharti Institute of Technology, Hyderabad** in one installment in FY 2023-2024).

2.(i) With the above release the progressive release under the above project to **Chaitanya Bharti Institute of Technology, Hyderabad** would be **Rs.9,57,524/-** (1<sup>st</sup> 25% of first installment i.e. Rs.4,78,762/- + 2<sup>nd</sup> 25% of first instalment i.e. Rs.4,78,762/-(present release)). Interest accrued on G.I.A. i.e. Rs.3,977/- has been returned to the Government of India (UTR No. 000144132425, dated 01.02.2024).



2.(ii) With the above release, progressive release under the project to all Implementing agencies would be Rs.26,73,674/- (Rs.21,95,002/- partial 1<sup>st</sup> instalment released during FY 2023-24 + Rs.4,78,762/- current release).

3. The Grants-in-aid will be regulated in accordance with the provisions contained in the Terms and Conditions of Ministry of Electronics and Information Technology and Administrative Approval of even number dated 18.05.2023. The Grants-in-aid is also subject to the Chapter 9 of the General Financial Rules, 2017, as amended from time to time, read with the Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard and in particular to the following conditions:

- (i) All relevant information and documents/certificates as required under GFR 230(1) have been received.
- (ii) The pattern of assistance of Rules governing such Grants-in-aid has received the approval of the Ministry of Finance, as required under Government of India Decision No.(1) under DFPR – Rule 20.
- (iii) Terms and Conditions of the service of the employees employed in **Chaitanya Bharti Institute of Technology, Hyderabad** under the project shall not be higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance will be obtained for such discrepancies as required Rule 230(6) (12) (i) of General Financial Rules, 2017.
- iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- (v) **Chaitanya Bharti Institute of Technology, Hyderabad** make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Government of India.
- (vi) The accounts **Chaitanya Bharti Institute of Technology, Hyderabad** be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971, as amended from time to time.
- (vii) The accounts of **Chaitanya Bharti Institute of Technology, Hyderabad** be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971, and internal audit party by the Principal Accounts Office of the Ministry or Department, whenever it is called upon to do so.
- (viii) **Chaitanya Bharti Institute of Technology, Hyderabad** furnish the Utilization Certificate along with its request for release of Grants-in-aid certifying that the funds released to them have been utilized for the purpose for which it was sanctioned.
- (ix) **Chaitanya Bharti Institute of Technology, Hyderabad** furnish their performance-cum-achievement report within the stipulated period to the sanctioning authority.
- (x) Noted at Serial No. 146 in the register of Grant-in-aid for the financial year 2023-24.
- (xi) **Chaitanya Bharti Institute of Technology, Hyderabad** spend Grants-in-aid exclusively in pursuance of the objectives envisaged in Rules/Memorandum of **Chaitanya Bharti Institute of Technology, Hyderabad** for the purpose for which it is being sanctioned.
- (xii) Grants-in-aid to **Chaitanya Bharti Institute of Technology, Hyderabad** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
- (xiii) Grants-in-aid shall be utilized within the stipulated period and unspent balance, if any, will be refunded by **Chaitanya Bharti Institute of Technology, Hyderabad** to the Government of India.
- (xiv) **Chaitanya Bharti Institute of Technology, Hyderabad**, maintain and will present their annual accounts in the standard format, as required under GFR 230 (5) of General Financial Rules, 2017.

- (xv) All interest of other earnings against GIA or advance (Other than Reimbursement) released should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against further releases.
- (xvi) In case of Non-Recurring Grant for specified object:
- Chaitanya Bharti Institute of Technology, Hyderabad** have to spend the amount sanctioned to them within the stipulated period.
  - Chaitanya Bharti Institute of Technology, Hyderabad** have to submit the Utilization Certificate in respect of the grants sanctioned under GFR 238(1) in the prescribed form General Financial Rules 2017 read with form GFR 12-A, ibid.

4. **Chaitanya Bharti Institute of Technology, Hyderabad** is exempted from the execution of Surety Bond in terms of Ministry of Finance OM No. 14(1)/E/II(A)/64 dated 23.06.1965 and has accepted the terms and conditions for the grants-in-aid.

5. The expenditure involved will be met within the sanctioned Budget Grant of Ministry of Electronics and Information Technology under Demand No. 27, Major Head 2852- (Industries), Sub Major Head: 07 (Telecommunication and Electronics Industries), Minor Head: 102 (Digital India Programme), Detailed Head: 14.00 (Capacity Building and Skill Development), Object Head: 31 (Grant-in-aid General) for the year 2023-24.

6. Drawing and Disbursing officer (DDO) of Ministry of Electronics and Information Technology is authorized to prefer the bill to Pay & Account Officer for the release of **Rs.4,78,762/- (Rupees Four Lakh Seventy Eight Thousand Seven Hundred Sixty Two Only)** to Central Nodal agencies i.e, **National Institute of Electronics and Informatics Technology (NIELIT) NIELIT (HQ) Delhi** will further release grant-in- aid to the implementing **Chaitanya Bharti Institute of Technology, Hyderabad**(Sub agency) as per bank details given below:

**Details of Central Nodal Agency, NIELIT Delhi:**

<b>Bank's Name</b>	<b>RESERVE BANK OF INDIA</b>
<b>Branch</b>	<b>RESERVE BANK OF INDIA, 6, SANSAD MARG, NEW DELHI – 110001</b>
<b>Account Type</b>	<b>RBI TSA Account</b>
<b>Bank Account No.</b>	<b>10679401010</b>
<b>UDH/RO/CIF Code</b>	<b>737/06/6794</b>

**Details of Sub Agency: Chaitanya Bharti Institute of Technology, Hyderabad**

<b>Bank's Name</b>	<b>ICICI bank</b>
<b>Branch</b>	<b>ICICI-CBIT Campus</b>
<b>Account Type</b>	<b>Saving Account</b>
<b>Bank Account No.</b>	<b>438501000788</b>
<b>IFSC Code</b>	<b>ICICI0004385</b>
<b>Account Name</b>	<b>CBIT-Capacity Building &amp; Skill Development Scheme</b>

7. “It is informed that the Grantee Institute has no UC as due for rendition under the Rules in r/o all Schemes/Programmes/Projects of the Ministry of Electronics and Information Technology”.



8. This issues with the approval of Secretary, MeitY vide computer No. 3080449 dated 03.05.2023 and concurrence of JS&FA, Ministry of Electronics & Information Technology vide computer No. 3080449 dated 03.05.2023.

Yours faithfully,

*Meenakshi*  
22/2/2024

(Meenakshi Kumar)

Under Secretary to the Govt. of India

Copy to:

1. The Office of the Principal Director of Audit, Finance and Communication, Civil Lines, Near old Secretariat, Shamnath Marg, Delhi-110054
2. Prof. Mohd Ziauddin Jahangir, Chief Investigator, Dept. of ECE, CBIT (A), Gandipet, Hyderabad. 50007.
3. DG(NIELIT)/CFO(NIELIT)
4. Sr. Audit Officer, RAO, MeitY
5. GC(SV)/GC(AKP)/Sci. 'E'(NG)/Sci. 'D'(HG)/DS(DKS), MeitY
6. Finance Division/HRD/D&D Section, MeitY

93	S40693179	16/12/2023	16/12/2023 03:33:27 PM	-	NEFT-RBI3512354442758-SCIENCE AND ENGINEERING RESEARCH BO- 10672801001-RBIS0PFMS01	CR	506100
94	S40693484	16/12/2023	16/12/2023 03:33:27 PM	-	NEFT-RBI3512354442747-SCIENCE AND ENGINEERING RESEARCH BO- 10672801001-RBIS0PFMS01	CR	99900



FILE NO. SUR/2022/004990  
**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**  
(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 25 October, 2023

**ORDER**

Subject: Financial Sanction of the research project titled **Machine Learning based Intelligent Indian vehicle network with Relay assisted mmWave BS system for 5G NR-V2X communications** under the guidance of Dr. Vinodh Kumar Minchula, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. Supraja Reddy Ammana, Associate Professor, Electronics And Communication, Chaitanya Bharathi Institute Of Technology - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 1617990/-** (Rs. Sixteen Lakh Seventeen Thousand Nine Hundred and Ninety Only) with break-up of **Rs. 99900/- under Capital (Non-recurring) head** and **Rs.1518090/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 1617990/-** has been approved are given below:

The following budget may be considered for **Chaitanya Bharathi Institute Of Technology, Gandipet**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Computer	99900
A'	Total (Non-Recurring)	<b>99900</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel -> Project Associate-I) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1116000 255000 0
2	Recurring - IV : (Overhead Charges)	147090
B'	Total (Recurring)	<b>1518090</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>1617990</b>

- 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)).
- 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.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 90,000 each should be spent for travel and contingency.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The institute will furnish to the SERB, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.



8. 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.

9. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project

10. 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.

11. The project File no. SUR/2022/004990 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

12. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.



(Dr. V Ramesh)

ms\_pac\_sure@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.	<p><b>Dr. Vinodh Kumar Minchula</b> <b>Electronics and Communication Engineering</b> <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b> <b>Email: vinodh.edu@gmail.com</b> <b>Mobile: 918074885588</b></p> <p><b>Dr. Supraja Reddy Ammana</b> <b>Electronics And Communication</b> <b>Chaitanya Bharathi Institute Of Technology</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Principal,</b> <b>Chaitanya Bharathi Institute Of Technology, Gandipet</b> (Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. V Ramesh)

ms\_pac\_sure@serbonline.in



FILE NO. SUR/2022/004990-G  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(A statutory body of the Department of Science & Technology, Government of India)  
Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 25 October, 2023

**ORDER**

Subject: Research project entitled **Machine Learning based Intelligent Indian vehicle network with Relay assisted mmWave BS system for 5G NR-V2X communications** under the guidance of Dr. Vinodh Kumar Minchula, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. Supraja Reddy Ammana, Associate Professor, Electronics And Communication, Chaitanya Bharathi Institute Of Technology.

1. In continuation of SERB's sanction order No. SUR/2022/004990 dated 25 October, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 506100/-** under 'Grants-in-aid General' to Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana-500075 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 25 October, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (General) (PAC SERB SURE)**.
5. The Sanction has been issued with the approval of the competent authority on **11 October, 2023** and vide Diary No. **SERB/F/7604/2023-2024** dated **12 October, 2023..**
6. The release amount of **Rs. 506100/-** (Rupees Five Lakh Six Thousand One Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	CBIT
Account Name	CBIT RECURRING EXPENDITURE
Account Number	180401001258
Bank Name & Branch	ICICI Bank CBIT, Kokapet (V), Gandipet (M), Rangareddy (D)
IFSC/RTGS Code	ICIC0004385
Email id of A/C Holder	principal@cbit.ac.in
Email id of PI	vinodh.edu@gmail.com

*Ramesh*

(Dr. V Ramesh)  
ms\_pac\_sure@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.	<p><b>Dr. Vinodh Kumar Minchula</b> <b>Electronics and Communication Engineering</b> <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b> <b>Email: vinodh.edu@gmail.com</b> <b>Mobile: 918074885588</b></p> <p><b>Dr. Supraja Reddy Ammana</b> <b>Electronics And Communication</b> <b>Chaitanya Bharathi Institute Of Technology</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Principal,</b> <b>Chaitanya Bharathi Institute Of Technology, Gandipet</b> (Receipt of Grant may be intimated by name to the undersigned)</p>

*Ramesh*

(Dr. V Ramesh)  
ms\_pac\_sure@serbonline.in

Dated: 25 October, 2023

**ORDER**

Subject: Research project entitled **Machine Learning based Intelligent Indian vehicle network with Relay assisted mmWave BS system for 5G NR-V2X communications** under the guidance of Dr. Vinodh Kumar Minchula, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. Supraja Reddy Ammana, Associate Professor, Electronics And Communication, Chaitanya Bharathi Institute Of Technology.

1. In continuation of SERB's sanction order No. SUR/2022/004990 dated 25 October, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 99900/-** under 'Grants-in-aid Capital' to Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana-500075 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)) and as mentioned in the sanction order of even number dated 25 October, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (Capital) (PAC SERB SURE)**.
5. The Sanction has been issued with the approval of the competent authority on **11 October, 2023** and vide Diary No. **SERB/F/7603/2023-2024** dated **12 October, 2023**.
6. The release amount of **Rs. 99900/-** (Rupees Ninety Nine Thousand Nine Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	CBIT
Account Name	CBIT RECURRING EXPENDITURE
Account Number	180401001258
Bank Name & Branch	ICICI Bank CBIT, Kokapet (V), Gandipet (M), Rangareddy (D)
IFSC/RTGS Code	ICIC0004385
Email id of A/C Holder	principal@cbit.ac.in
Email id of PI	vinodh.edu@gmail.com

*Ramesh*

(Dr. V Ramesh)  
ms\_pac\_sure@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.	<p><b>Dr. Vinodh Kumar Minchula</b> <b>Electronics and Communication Engineering</b> <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b> <b>Email: vinodh.edu@gmail.com</b> <b>Mobile: 918074885588</b></p> <p><b>Dr. Supraja Reddy Ammana</b> <b>Electronics And Communication</b> <b>Chaitanya Bharathi Institute Of Technology</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in.</a>)</p>
5.	<p><b>Principal,</b> <b>Chaitanya Bharathi Institute Of Technology, Gandipet</b> (Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. V Ramesh)  
ms\_pac\_sure@serbonline.in



FILE NO. SUR/2022/004990  
**Anusandhan National Research Foundation (ANRF)**  
**(A statutory body created by an Act of Parliament - ANRF Act, 2023)**  
Science & Engineering Research Board (SERB) State University Research Excellence (SERB SURE) Scheme

ANRF  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 27-Nov-2024

**ORDER**

Subject: Research project entitled "**Machine Learning based Intelligent Indian vehicle network with Relay assisted mmWave BS system for 5G NR-V2X communications**" under the guidance of Dr. Vinodh Kumar Minchula, Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana-500075 and by Dr. Supraja Reddy Ammana, Associate Professor, Electronics And Communication, Chaitanya Bharathi Institute Of Technology.

1. This is in continuation of ANRF's sanction order No. "SUR/2022/004990" dated "25 October, 2023" of **Anusandhan National Research Foundation (ANRF)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 400000/-** (Rupees Four Lakh only) under 'Grants-in-aid General' to **Principal, Chaitanya Bharathi Institute Of Technology, Gandipet** Under Grant-in-aid General being the 2nd grant for the financial year 2024-2025 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. 398520/-** (Rupees Three Lakh Ninety Eight Thousand Five Hundred and Twenty only) (Recurring Rs. 397999 and Non-Recurring Rs. 521) to Chaitanya Bharathi Institute of Technology, Gandipet from FY 2023-2024 to FY 2024-2025 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 **Science & Engineering Research Fund**. This release is being made under **State University Research Excellence (SERB SURE)**. (PAC SERB SURE) (OBC).
7. The Sanction has been issued to Chaitanya Bharathi Institute Of Technology, Gandipet with the approval of the competent authority under delegated powers on **20 November, 2024** and vide Diary No. **ANRF/F/9943/2024-2025** dated **26 November, 2024**
8. The release amount of **Rs. 400000/-** (Rupees Four Lakh only) (Recurring Rs. 400000 and Non-Recurring Rs. 0) will be drawn by the DDO of the ANRF and will be disbursed by means of RTGS transaction as per their Bank details given below:

<b>Agency Name</b>	Chaitanya Bharathi Institute of Technology
<b>PFMS Unique Code</b>	CBIT
<b>Account Name</b>	CBIT RECURRING EXPENDITURE
<b>Account Number</b>	180401001258
<b>Bank Name &amp; Branch</b>	ICICI Bank CBIT, Kokapet (V), Gandipet (M), Rangareddy (D)
<b>IFSC/RTGS Code</b>	ICIC0004385
<b>Email id of A/C Holder</b>	principal@cbit.ac.in
<b>Email id of PI</b>	vinodh.edu@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 ANRF. The budget head-wise interest thus earned will have to be returned to the ANRF by way of a Demand Draft/account-payee cheque drawn in favour of the "Science & Engineering Research Fund", payable at New Delhi and sent to the DDO/US, ANRF along with a copy of UC/SE.

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 ANRF, 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 "Science and Engineering Research Fund" payable at New Delhi.
13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the ANRF, 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 ANRF, a statutory body of Department of Science & Technology (DST), Government of India.



(Dr. V Ramesh)

ms\_pac\_sure@serbonline.in

To,  
DDO  
ANRF, New Delhi

Copy forwarded for information and necessary action to: -

1.	Office of Director General of Audit (Environment & Scientific Department), AGCR Building, I. P. Estate, New Delhi 110002
2.	Sanction Folder, ANRF, New Delhi.
3.	File Copy
4.	<p><b>Dr. Vinodh Kumar Minchula</b>  <b>Electronics and Communication Engineering</b>  <b>Chaitanya Bharathi Institute of Technology , Gandipet, Hyderabad, Telangana-500075</b>  <b>Email: vinodh.edu@gmail.com</b>  <b>Mobile: 918074885588</b></p> <p><b>Dr. Supraja Reddy Ammana</b>  <b>Electronics And Communication</b>  <b>Chaitanya Bharathi Institute Of Technology</b></p>
5.	Principal, Chaitanya Bharathi Institute Of Technology, Gandipet



(Dr. V Ramesh)

ms\_pac\_sure@serbonline.in

**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



F. No M/954/2024-US C1/1/13

Date: 10.06.2024

To,  
The Drawing and Disbursing Officer,  
All India Council of Technical Education,  
Nelson Mandela Marg, Vasant Kunj,  
New Delhi-110070

Sub: Release of sum of **Rs. 10,000/- (Rupees ten thousand Only)** being the Grant-in-Aid under the scheme **Tomato Grand Challenge**, payable during the current financial year 2024-2025 reg.

Sir/Madam,

This is to convey the sanction of the council for payment of **Rs. 10,000/- (Rupees ten thousand Only)** as Grant-in-Aid under Tomato Grand Challenge for submission id: 1330, titled Hybrid Photo Catalytic Solar drying technique for food processing of Agri harvest to Insta curry as per details given below: -

1.	Name and address of the Beneficiary Institute/ Startup	Chaitanya Bharathi Institute of Technology, Telangana
2.	Duration of the scheme	2024-25
3.	Total Grant-in-Aid Sanctioned	<b>Rs. 20,000/- (Rupees twenty thousand Only)</b>
4.	Amount to be released (1 <sup>st</sup> Instalment)	<b>Rs. 10,000/- (Rupees ten thousand Only)</b>
5.	Sanctioned grant-in-aid is debit able to	Innovation Cell
6.	Head of Account	603.12 (Tomato Grand Challenge)
7.	The authorized officer in whose favour Cheque/Demand Draft/ RTGS is to be made	Principal CBIT, Hyderabad, Chaitanya Bharathi Institute of Technology, Telangana

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid and shall be disbursed to and credited to the account of Chaitanya Bharathi Institute of Technology, Telangana through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions, communicated in this letter.

**THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY INSTITUTE/START-UP**

**I. Release of funds**

- Chaitanya Bharathi Institute of Technology, Telangana is hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the proposal in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AABTC1906A	ICICI Bank	CBIT Gandipet Branch	CBIT Gandipet, Kokapet Village, Hyderabad 500075	CBIT Recurring Expenditure Account	Saving	180401001258	ICIC0004385



In case of any omission the same should be reported to AICTE immediately.

- b. The sanction is issued in the exercise of the powers delegated to the Council and other terms and conditions laid down in the guidelines of the scheme.
- c. 50% of the total sanctioned amount as Grant-in-aid is being released and the remaining 50% will be released after a review by the TGC committee.

## **II. Maintenance of accounts**

- a. The institute shall strictly follow the provision laid down in this document and sanction order no. M/954/2024-US C1/1/13 dated 10.06.2024 issued by this office. All correspondence related to the program must contain this number along with year of sanction and submission id, failing with correspondence will not be entertained.
- b. The institute shall maintain proper accounts of the expenditure out of the grants which shall be utilised only on the scheme/specified project.
- c. The council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilised for the purpose for which it was sanctioned.
- d. Principal CBIT, Hyderabad, Chaitanya Bharathi Institute of Technology, Telangana shall intimate about the receipt of grant to AICTE.

## **III. Guidelines of Tomato Grand Challenge**

Tomato Grand Challenge (TGC) is a joint initiative of the Ministry of Education's Innovation Cell with the Ministry of Consumer Affairs, Food and Public Distribution's Department of Consumer Affairs, and All India Council for Technical Education, launched in July 2023. The Grand Challenge supports innovations on comprehensive and focused area interventions in tomato value chain under various verticals - from cropping and market insights for the farmers, appropriate cultivars with higher shelf-life, cultivars specifically suitable for processing, value-addition through interventions that can increase shelf-life, improve transportation of fresh and processing products, innovative packaging and storage.

The aim of Tomato Grand Challenge is to develop "Technologies for Pre-production, Primary Processing, Post-Harvest, Storage and Valorisation of Tomato" to set up at the farm / rural / urban levels, to provide comprehensive strategic solutions for reducing the losses while imparting value addition, to implement the solutions in the field for benefit of farmers and consumers, to create start-ups/ successful ventures and to commercialize the developed technologies or solutions.

Submission of ideas/ innovations were invited from faculty, students, research scholars, professionals, startups, MSMEs. The ideas selected after stringent evaluation by expert committee are eligible for grant funding for development of products, technologies or solutions as per the proposals submitted by the participants.

Grant funding shall be provided for development of product/ technologies. Both Non-recurring and recurring expenditures are covered in grant released under the Tomato Grand Challenge. However, cost for purchase of equipment, apparatus, glass wares; recruitment of manpower, visit to conferences/ trainings is not covered.

Patent/ Intellectual Property Rights/ Publication/ Technology Transfer: In case of any patent/ IP filed/ published/ granted/ publication made/ technology transfer/ commercialization made out of the study, same shall be informed by the institute/ startup.

**Report and Supporting Document Submission:** The participant is required to submit the final report. Participant are required to present the progress and demonstrate the product/ technology during and after the completion of project. The experts shall have right to visit to the institute to verify and have an actual demonstration of the product/ technology/ innovation.

**Mentoring and Monitoring:** Each of the grantee shall be connected with a mentor. The grantee shall work in close coordination with the assigned mentor during the entire development of the Tomato Grand Challenge Project. Report shall be submitted in consultation with the assigned mentor.

**Details for Correspondence:** All communications related to Tomato Grand Challenge shall be sent to [tgc@aicte-india.org](mailto:tgc@aicte-india.org), [innovationofficer1@aicte-india.org](mailto:innovationofficer1@aicte-india.org). Address for correspondence: Innovation Officer (Tomato Grand Challenge), Ministry of Education's Innovation Cell, Room No. 316, All India council for Technical Education, Nelson Mandela Road, New Delhi-110070, Contact No. 011 2958 1509

#### **IV. Disbursement of Funds**

- a. Funds for the selected project is for the duration of the project and as per the total budget approved under the Tomato Grand Challenge. Date of start of project is from the date of announcement of teams shortlisted for grant funding, as per website announcement.
- b. The Grant will be released in two equal instalments. First Instalment (50% of total grant amount) shall be released at the start of the project and remaining amount shall be released after progress review.
- c. Sanction order will be issued in the name of the institute/ startup, submitted by the participant for the product/ technology development work.
- d. Amount sanctioned to the institute/ startup shall be released to the account of the head of the institute/ authorized Officer as per details provided by the participant.
- e. The grantee institution/ startup shall observe all financial norms and guidelines as prescribed by Government of India from time to time. GOI GFR rules ([@https://doe.gov.in/order-circular/general-financial-rules2017-0](https://doe.gov.in/order-circular/general-financial-rules2017-0)) should be followed during utilization of grant.

#### **V. Utilization/Refund/Maintenance of Released Fund**

- a. The Institute/ startup shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only for project approved under Tomato Grand Challenge.
- b. The AICTE/ Innovation Cell or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- c. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE/ Innovation Cell.
- d. In any case, if the institute is required to refund the unutilized amount or interest accrued thereon or balance amount, the amount will be refunded by way of a demand draft or through NEFT/RTGS in favour of Innovation Cell Account, Account No: 37903899633, IFSC: SBIN0050203, SBI, Shastri Bhawan, Rajendra Bhawan, Rajendra Prasad Road, New Delhi
- e. The Institute shall strictly follow the provisions laid down in the guideline document and sanction order issued by this office. All correspondences related to the scheme must contain the sanction number, submission id, along with year of sanction.



- f. Original Statement of actual expenditure in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor or in case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Formats of UC and SoE are enclosed.
- g. The Utilization Certificate (UC) supported by Audited Statement of Expenditure (SoE) to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE/Innovation Cell immediately after completion of the scheme.

Yours Sincerely.



**(Sh. Yogesh D. Brahmkar)**  
Innovation Director, MIC

**Copy forwarded for information and necessary action to**

1. Principal CBIT, Hyderabad, Chaitanya Bharathi Institute of Technology, Telangana
2. Record File



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

CBIT Post, Gandipet

**Defence Research and Development Laboratory**

Ledger Account

Dr. APJ Abdul Kalam Missile Complex, AS9001D & ISO 9001:2015

Kanchanbagh P.O

Hyderabad-500058 (India)

Email. Domr.drdl@gov.in

1-Apr-2023 to 11-Mar-2024

Page 1

Date	Particulars	Vch Type	Vch No.	Recon.Dt	Debit	Credit
6-6-2023	Cr <b>Consultancy Income</b>	Journal	323		2,93,999.00	
5-7-2023	Dr ICICI-1258-Recurring Expenditure A/C	Receipt	749			2,84,032.00
	Dr <b>TDS Receivable</b>	Journal	484			9,967.00
3-11-2023	Cr <b>Consultancy Income</b>	Journal	1042		2,93,999.00	
7-12-2023	Dr ICICI-1258-Recurring Expenditure A/C	Receipt	2075			2,64,100.00
	Dr <b>TDS Receivable</b>	Journal	1202			29,899.00
3-1-2024	Cr <b>Consultancy Income</b>	Journal	1337		3,92,000.00	
8-2-2024	Dr ICICI-1258-Recurring Expenditure A/C	Receipt	2542			3,92,000.00
					<b>9,79,998.00</b>	<b>9,79,998.00</b>

*DP*  
*12/3/24*

**ACCOUNTS  
HEAD**

DETAILED STATEMENT

Transactions List - CBIT RECURRING EXPENDITURE (INR) - 180401001268

No.	Transaction ID	Value Date	Txn Posted Date	Cheque No.	Description	C/D/F	Transaction Amount (INR)
27	S9178721	05/07/2023	05/07/2023 07:45:35 PM	-	NEFT-SBIN223186069270-PCDARD HYDERABADPCDARD HYDERABAD-/ATTTN//INB-00000039871647185-SBIN0004266	CR	284032
407	S57554510	07/12/2023	07/12/2023 07:52:02 PM	-	NEFT-SBIN123341141196-PCDARD HYDERABADPCDARD HYDERABAD-/ATTTN//INB-00000039871647185-SBIN0004266	CR	264100
107	S91126223	08/02/2024	08/02/2024 07:47:32 PM	-	NEFT-SBIN424039547583-PCDARD HYDERABADPCDARD HYDERABAD-/ATTTN//INB-00000039871647185-SBIN0004266	CR	378712

*[Handwritten Signature]*  
12/3/24

ACCOUNTS HEAD



Date	Particulars	Vch Type	Vch No.	Recon.Dt	Debit	Credit
	Brought Forward				5,87,998.00	5,58,099.00
7-12-2023	Dr (as per details)	Journal	1202			29,899.00
	TDS Receivable			24,915.00 Dr		
	TDS/TCS/CGST			2,492.00 Dr		
	TDS/TCS/SGST			2,492.00 Dr		
	<i>Being amount received From DRDL towards Dr.N V Koteshwar rao for designing and development of multi input frequency antena for missile application against Inv No.CBIT /055/2023-24 Tds @ 10% deducted and TDSCGST/SGST @1% each deducted</i>					
3-1-2024	Cr (as per details)	Journal	1337		3,92,000.00	
	Consultancy Income			3,32,204.00 Cr		
	CGST Payable			29,898.00 Cr		
	SGST Payable			29,898.00 Cr		
	<i>Being invoice arised towards Design &amp; Development of Multi input frequency Antena for missile application Project value Rs. 979,999/- (3rd Installment amount).</i>					
8-2-2024	Dr (as per details)	Receipt	2542			3,92,000.00
	ICICI-1258-Recurring Expenditure A/C			3,78,712.00 Dr		
	Cheque/DD			8-2-2024 3,78,712.00 Dr		
	TDS Receivable			6,644.00 Dr		
	TDS/TCS/CGST			3,322.00 Dr		
	TDS/TCS/SGST			3,322.00 Dr		
	<i>Being amount received towards Fund for DRDL Project of N V Koteshwar Rao Sir</i>					
					9,79,998.00	9,79,998.00

ACCOUNTS  
HEAD

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

CBIT Post, Gandipet

**Defence Research and Development Laboratory**

Ledger Account

Dr. APJ Abdul Kalam Missile Complex, AS9001D &amp; ISO 9001:2015

Kanchanbagh P.O

Hyderabad-500058 (India)

Email. Domr.drddl@gov.in

1-Apr-2023 to 13-Mar-2024

Page 1

Credit

Date	Particulars	Vch Type	Vch No.	Recon.Dt	Debit	Credit
6-6-2023	Cr (as per details)	Journal				
	Consultancy Income		323		2,93,999.00	
	CGST Payable				2,49,152.00 Cr	
	SGST Payable				22,423.50 Cr	
	<i>Being invoice arised towards Design &amp; Development of Multi input frequency Antena for missile application Project value Rs. 979,999/- Invoice arised part of 30% Value. Invoice No: CBIT/027/2023-24 Date: 06.06.2023</i>					
5-7-2023	Dr ICICI-1258-Recurring Expenditure A/C	Receipt		749		2,84,032.00
	Cheque/DD		5-7-2023	2,84,032.00 Dr		
	<i>Being amount received towards Defence Research and Development Laboratory Invoice No: CBIT/027/2023-24 Invoice Valuve. 293999/- Tds Deducted Rs. 4983/- TCS CGST 1% 2491.5 TCS SGST 1% 2491.5/-</i>					
	Dr (as per details)	Journal		484		9,967.00
	TDS Receivable				4,983.00 Dr	
	TDS/TCS/CGST				2,492.00 Dr	
	TDS/TCS/SGST				2,492.00 Dr	
	<i>Being amount received towards Defence Research and Development Laboratory Invoice No: CBIT/027/2023-24 Invoice Valuve. 293999/- Tds Deducted Rs. 4983/- TCS CGST 1% 2491.5 TCS SGST 1% 2491.5/-</i>					
3-11-2023	Cr (as per details)	Journal				
	Consultancy Income		1042		2,93,999.00	
	CGST Payable				2,49,152.00 Cr	
	SGST Payable				22,423.50 Cr	
	<i>Being invoice arised towards Design &amp; Development of Multi input frequency Antena for missile application Project value Rs. 979,999/- Invoice arised part of 30% Value. Invoice No: CBIT/055/2023-24 Date: 03.11.2023 (2nd Installment amount).</i>					
7-12-2023	Dr ICICI-1258-Recurring Expenditure A/C	Receipt		2075		2,64,100.00
	Cheque/DD		7-12-2023	2,64,100.00 Dr		
	<i>Being amount received From DRDL towards Dr.N V Koteswar rao for designing and development of multi input frequency antena for missile application against Inv No.CBIT /055/2023-24</i>					
	Carried Over				5,87,998.00	5,58,099.00

continued ...





Scheme for Promotion of Academic and Research Collaboration



About SSL Certificate

## Enter Budget Details

[← Back](#)

Travel - Inter. Faculty

Travel - Inter. Scholars

Travel - Indian Scholars

Workshop/Symposium

Pub./Monograph

### 1. Travel - International Faculty

Item	Amount in \$	Amount in ₹
<b>Visit #1</b> Select budget required for travel \$0 <input type="range" value="4500"/> \$5000 <b>4500</b>	\$ 4500	₹ 319500
<b>Visit #2</b> Select budget required for travel \$0 <input type="range" value="4500"/> \$5000 <b>4500</b>	\$ 4500	₹ 319500
<b>Honorarium and stay</b> Total no of person-day (@per person-day \$333.33) 60 <input type="range" value="60"/> 240 <b>60</b>	\$ 19980	₹ 1418580
<b>Total Amount:</b>	<b>\$ 28980</b>	<b>₹ 2057580</b>

### Budget Summary

1. Travel - International Faculty	₹ 2057580
2. Travel - International Scholars	₹ 200000
3. Travel - Indian Scholars	₹ 1139195
4. Workshop / Symposium	₹ 300000
5. Publication / Monograph	₹ 200000
<b>Total in ₹</b>	<b>₹ 3896775</b>

### Overhead and Contingency

Select overhead charges

₹  ₹  
 0 974194  
**898000**

Total Budget with overhead in ₹ **₹ 4794775**

Budget requested during proposal submission (in ₹) **₹ 4800000**

[Next ►►](#)

### Final Confirmation

✓ Budget details successfully submitted

[View summary](#) ☰



## Confirm Budget Declaration



### Final Budget summary

1. Travel - International Faculty	₹ 2057580
2. Travel - International Scholars	₹ 200000
3. Travel - Indian Scholars	₹ 1139195
4. Workshop / Symposium	₹ 300000
5. Publication / Monograph	₹ 200000
6. Overhead and Contingency	₹ 898000
<b>Total in ₹</b>	<b>₹ 4794775</b>

Close



About SSL Certificate

## Request Funds

Fund can be requested only after budget is declared through "Declare Budget" link.

<b>Project Code</b>	<b>P1681</b>
<b>Title</b>	Design and Development of IOT based Cooperative Isolated Renewable Energy Systems (IRES) using Multi-objective optimization for Enhancing Reliability of Power in Rural India
<b>Total Budget</b>	₹ 4794775.0
<b>Total Claimed</b>	₹ 0.0
<b>Available to Request</b>	₹ 4794775.0
<b>Initiate Request</b>	<a href="#">Click here</a>



## Request Funds

Fund can be requested only a

<b>Project Code</b>	<b>P1681</b>
<b>Title</b>	Design objectiv
<b>Total Budget</b>	₹ 47947
<b>Total Claimed</b>	₹ 0.0
<b>Available to Request</b>	₹ 47947
<b>Initiate Request</b>	<a href="#">Click</a>

### Initiate Fund Request



**[P1681]** Design and Development of IOT based Cooperative Isolated Renewable Energy Systems (IRES) using Multi-objective optimization for Enhancing Reliability of Power in Rural India

**Fund for 01-APR-2020 - 31-MAR-2024**

Requested Amount

Justification

[Request](#)



About SSL Certificate

/ Systems (IRES) using Multi-



Unit Geran



# REMITTANCE APPLICATION FORM

Branch / Cawangan: **Kangar**  
Ref. No. / No. Rujukan: **059899**  
Date / Tarikh: **05 OCT 2023**

05/10/2023 15:42:36 116 0901-5152 REM-issuance of Foreign TT SWIFT by SWI BH10037  
0901-06-23-000156 INR 333,890.00  
0901-0002733-71-4 UNIVERSITI MALAYSIA MYR 35.00  
CBIT RECURRING EXPENDITURE CITIUS33BU 05102023 GST 0.00  
0.059899 MYR 20,035.00 0.00

BH100650  
LBT NO 367376  
Shukri Sulu  
0320246455 (330)

Application For:  Banker's Draft  Banker's Cheque  Telegraphic Transfer (TT)  Interbank GIRO (IBG)  Others FOT

From Account:  Ringgit Account / Akaun Ringgit  Trade FCA / Akaun Perdagangan Mata Wang Asing  Investment FCA / Akaun Pelaburan Mata Wang Asing

Debit A/C No: 0901010002733714  
Other Payment Method:  Cash Tunai  Others

Currency: USD  
Amount: 4090.15 (0.01225)  
RM (INR): 20,000.00  
(INR 333890.00)

Details Required Bulir-Bulir Penting	Remitter 1 / Pengirim 1	Remitter 2 / Pengirim 2	For Bank's Use / Untuk Kegunaan Bank	
	(Actual/Ultimate Remitter/Owner of Funds / Pengirim Sebenar/Mutlak Pemilik Dana)	(Remitter acting on behalf of Remitter 1 / Pengirim yang bertindak bagi pihak Pengirim Mutlak)	Rate / Kadar	
Full Name Name Penuh	JABATAN BENDAHARI UNIVERSITI MALAYSIA PERLIS	/	Local Currency / Matawang Tempatan	20,000
Address Alamat	ARAS BAWAH, BANGUNAN CANSELORI, KAMPUS ALAM UNIMAP, UNIVERSITI MALAYSIA PERLIS, PAUH PUTRA, 02600 ARAU PERLIS.	/	Commission / Komisen	/
IC/Passport/Business Registration No. / No K.P/Pasport/ No. Pendaftaran Syarikat	GB0014497H	/	Stamp Duty / Duit Selera	5
Resident Status / Status Pemastautin	<input type="checkbox"/> Resident / Pemastautin* <input checked="" type="checkbox"/> Non-Resident / Bukan Pemastautin*	<input type="checkbox"/> Resident / Pemastautin* <input checked="" type="checkbox"/> Non-Resident / Bukan Pemastautin*	Service Charge / Caj Servis	30
Relationship between Remitter & Beneficiary Hubungan antara Pengirim & Penerima	UNIVERSITI	NO.M. M12154073237621	Total / Jumlah	20,035
			Contract No / No Kontrak	/
			Special Rate By / Kadar Istimewa oleh	/
			Currency Code / Kod Matawang	/
			Bank Code / Kod Bank	/
			Purpose Code (RTS)	13500
			Constitution Code	/
			Beneficiary's Country Code	/

Details Required Bulir-Bulir Penting	Beneficiary 1 / Penerima 1	Beneficiary 2 / Penerima 2	Beneficiary Bank Details Bulir-Bulir Bank Penerima
	(1st recipient of funds / Penerima pertama dana)	(Ultimate recipient of funds / Penerima mutlak dana)	
Full Name Name Penuh	CBIT RECURRING EXPENDITURE	/	Bank's Name / Nama Bank: ICICI BANK ICICI BANK LTD, SY NO 351 CBIT CAMPUS GANDIPET, KOKAPET VLG, HYDERABAD 500075, STATE: TELANGANA CBIT GANDIPET
Address Alamat	CHAITANYA BHARATHI (PO), KOKAPET (M), GANDIPET (M), RANGA REDDY DISTRICT, HYDERABAD-500075, TELANGANA, INDIA	/	Bank Account No. / No Akaun Bank: 180401001258
IC/Passport/Business Registration No / Mobile Number No K.P/Pasport/ No. Pendaftaran Syarikat/Telefon Bimbit	NONE	/	IBAN No. / No IBAN: /
Resident Status / Status Pemastautin	<input type="checkbox"/> Resident / Pemastautin* <input checked="" type="checkbox"/> Non-Resident / Bukan Pemastautin*	<input type="checkbox"/> Resident / Pemastautin* <input checked="" type="checkbox"/> Non-Resident / Bukan Pemastautin*	Swift Code / Swift Kod: ICICINBBXXX
Relationship between Remitter & Beneficiary Hubungan antara Pengirim & Penerima	BAYARAN PERUNTUKKAN DANA GERAN INTERES- DR MOHAMMAD FARIDUN (9500-00001)	Amount Received in CBIT Recurring etc.	Accounts Department CBIT Hyderabad-75



**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(A statutory body of the Department of Science & Technology, Government of India)  
 Science and Engineering Research Board  
 3rd & 4th Floor, Block II  
 Technology Bhavan, New Mehrauli Road  
 New Delhi - 110016

Dated: 21 July, 2023

**ORDER**

Subject: Financial Sanction of the research project titled **Exploring spin caloritronic materials for waste heat management, magnetic refrigeration and EMI shielding applications** under the guidance of Dr. S Shanmukharao Samatham, Physics, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, telangana, Hyderabad, Telangana-500075 and by Dr. Santhosh Kumar A, Assistant Professor, Physics, Chaitanya Bharathi Institute Of Technology - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4447696/- (Rs. Forty Four Lakh Forty Seven Thousand Six Hundred and Ninety Six Only)** with break-up of **Rs. 1700000/- under Capital (Non-recurring) head** and **Rs.2747696/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4447696/-** has been approved are given below:

The following budget may be considered for **Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> DC Sputtering -> Seebeck setup -> Thermal conductivity setup	1700000
<i>A'</i>	<i>Total (Non-Recurring)</i>	<b>1700000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1443360 900000 0
2	Recurring - IV : (Overhead Charges)	404336
<i>B'</i>	<i>Total (Recurring)</i>	<b>2747696</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>4447696</b>

- 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)).
- 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.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.



8. The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

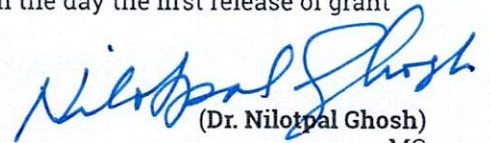
10. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

11. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

12. The project File no. CRG/2022/007993 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

  
(Dr. Nilotpal Ghosh)

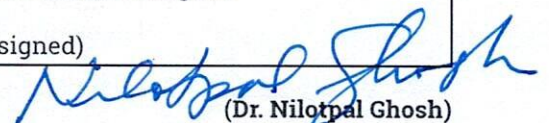
MS

nilotpal@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	<p><b>Dr. S Shanmukharao Samatham</b> Physics Chaitanya Bharathi Institute of Technology , Gandipet, hyderabad, telangana , Hyderabad, Telangana-500075 Email: shanmukharao_physics@cbit.ac.in Mobile: 918779645133</p> <p><b>Dr. Santhosh Kumar A</b> Physics Chaitanya Bharathi Institute Of Technology (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Principal,</b> Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in



## SCIENCE &amp; ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science &amp; Technology, Government of India)

Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

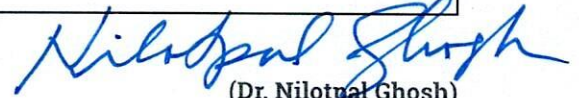
Dated: 21 July, 2023

**ORDER**

Subject: Research project entitled **Exploring spin caloritronic materials for waste heat management, magnetic refrigeration and EMI shielding applications** under the guidance of Dr. S Shanmukharao Samatham, Physics, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana, Hyderabad, Telangana-500075 and by Dr. Santhosh Kumar A, Assistant Professor, Physics, Chaitanya Bharathi Institute Of Technology.

1. In continuation of SERB's sanction order No. CRG/2022/007993 dated 21 July, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 915898/-** under 'Grants-in-aid General' to Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana, Hyderabad, Telangana-500075 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 21 July, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Physics-1 (Condensed Matter Physics and Material Sciences)**) (General) .
5. The Sanction has been issued with the approval of the competent authority on **18 July, 2023** and vide Diary No. **SERB/F/4068/2023-2024** dated **20 July, 2023..**
6. The release amount of **Rs. 915898/-** (Rupees Nine Lakh Fifteen Thousand Eight Hundred and Ninety Eight 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	CBIT
Account Name	CBIT Recurring Expenditure Account
Account Number	180401001258
Bank Name & Branch	ICICI CBIT-Gandipet Branch, CBIT, Kokapet Village, Hyderabad 500075.
IFSC/RTGS Code	ICIC0004385
Email id of A/C Holder	principal@cbit.ac.in
Email id of PI	shanmukharao_physics@cbit.ac.in



(Dr. Nilotpal Ghosh)

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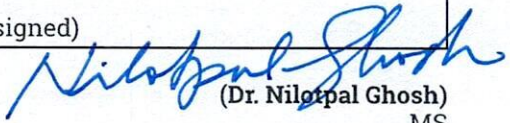
nilotpal@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

4.	<p>Dr. S Shanmukharao Samatham  Physics  Chaitanya Bharathi Institute of Technology , Gandipet, hyderabad, telangana , Hyderabad,  Telangana-500075  Email: shanmukharao_physics@cbit.ac.in  Mobile: 918779645133</p> <p>Dr. Santhosh Kumar A  Physics  Chaitanya Bharathi Institute Of Technology  (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p>Principal,  Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. Nilotpal Ghosh)  
MS  
nilotpal@serb.gov.in



FILE NO. CRG/2022/007993-C  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(A statutory body of the Department of Science & Technology, Government of India)  
Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

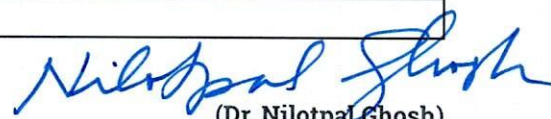
Dated: 21 July, 2023

**ORDER**

Subject: Research project entitled **Exploring spin caloritronic materials for waste heat management, magnetic refrigeration and EMI shielding applications** under the guidance of Dr. S Shanmukharao Samatham, Physics, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, Telangana, Hyderabad, Telangana-500075 and by Dr. Santhosh Kumar A, Assistant Professor, Physics, Chaitanya Bharathi Institute Of Technology.

1. In continuation of SERB's sanction order No. CRG/2022/007993 dated 21 July, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1700000/-** under 'Grants-in-aid Capital' to Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana, Hyderabad, Telangana-500075 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)) and as mentioned in the sanction order of even number dated 21 July, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Physics-1 (Condensed Matter Physics and Material Sciences)**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **18 July, 2023** and vide Diary No. **SERB/F/4067/2023-2024** dated **20 July, 2023**.
6. The release amount of **Rs. 1700000/-** (Rupees Seventeen Lakh 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	CBIT
Account Name	CBIT Recurring Expenditure Account
Account Number	180401001258
Bank Name & Branch	ICICI CBIT-Gandipet Branch, CBIT, Kokapet Village, Hyderabad 500075.
IFSC/RTGS Code	ICIC0004385
Email id of A/C Holder	principal@cbit.ac.in
Email id of PI	shanmukharao_physics@cbit.ac.in

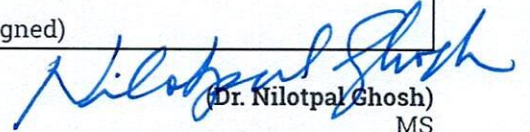
  
(Dr. Nilotpal Ghosh)  
MS  
nilotpal@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi  
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
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3.	File Copy



4.	<p>Dr. S Shanmukharao Samatham Physics Chaitanya Bharathi Institute of Technology , Gandipet, hyderabad, telangana , Hyderabad, Telangana-500075 Email: shanmukharao_physics@cbit.ac.in Mobile: 918779645133</p> <p>Dr. Santhosh Kumar A Physics Chaitanya Bharathi Institute Of Technology (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p>Principal, Chaitanya Bharathi Institute Of Technology, Gandipet, Hyderabad, Telangana</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Nilotpal Ghosh)  
MS  
nilotpal@serb.gov.in



Ref: CRS/2022-23/01/712

Date: 2024-02-07

### Sanction Order

To,  
The Registrar/Principal/Financial Authority,  
Through Dr. S. Shanmukharao Samatham  
Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad

**Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Tailoring magneto-transport phenomena in magnetic skyrmion materials: Mn<sub>1-x</sub>Cr<sub>x</sub>Si and MnSi<sub>1-x</sub>Sn<sub>x</sub>' by Dr. S. Shanmukharao Samatham.**

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. S. Shanmukharao Samatham** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Archana Lakhani**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹213360	₹30,000	₹15,000	₹258360	2024-02-07	C012449073376
No overheads are available under this scheme					

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

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2022-23/01/712.**"
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

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

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

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

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

#### **Rules for selection of a CRS project fellow**

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

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

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

5. Appointment of student in the project is not permitted in the second or third year of the project.

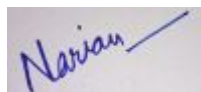


6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective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

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

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

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. S. Shanmukharao Samatham, Dr. Archana Lakhani, AO for information.



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



Ref: CRS/2022-23/01/717

Date: 0000-00-00

### Sanction Order

To,  
The Registrar/Principal/Financial Authority,  
Through Dr. Santhosh Kumar A  
Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad

**Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle "** by Dr. Santhosh Kumar A.

Dear Madam/Sir,

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

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹0	₹30,000	₹15,000	₹45000	0000-00-00	C032392285031
<i>No overheads are available under this scheme</i>					

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

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2022-23/01/717**."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

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

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

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

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

#### **Rules for selection of a CRS project fellow**

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

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

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

5. Appointment of student in the project is not permitted in the second or third year of the project.

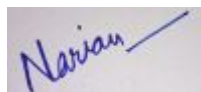


6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective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

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

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

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. Santhosh Kumar A, Dr. Devendra Kumar, AO for information.



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