

Government of India
Department of Science and Technology
(International Multilateral and Regional Cooperation Division)

FILE NO. IMRC/AISTDF/CRD/2019/000141
AISTDF Secretariat
Science & Engineering Research Board (SERB)

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

Dated: 29-Jun-2020

ORDER

Approval of the competent authority is hereby accorded for implementation of the ASEAN-India Collaborative research project entitled "VALORIZATION OF TROPICAL FRUIT BY-PRODUCTS FOR THE EXTRACTION OF HIGH VALUE COMPOUNDS " for a total amount of Rs. 2075696/- (Rs. Twenty Lakh Seventy Five Thousand Six Hundred and Ninety Six Only) for period of 2 years from the date of issue of this sanction order.

The composition of the project team(s) is as below:

INDIA

Lead PI

Dr. Parmjit Singh Panesar

Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India), Longowal

Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India), Longowal-148106, Distt. Sangrur, Punjab, India

Sant longowal institute of engineering and technology (deemed to be university, estd. by govt. of india), longowal-148106, distt. sangrur, punjab, india, Sangrur, Punjab-148106

Other Participant

To Be Appointed Later

ASEAN MS-1

Lead PI

Dr. ANIL KUMAR ANAL

ASIAN INSTITUTE OF TECHNOLOGY P.O. Box 4, 58 Moo 9, Km. 42, Paholyothin Highway, Klong Luang, Pathum Thani 12120 Thailand

ASEAN MS-2

Lead PI

Dr. Son Chu Ky

School of Biotechnology and Food Technology, hanoi University of Science and Technology 1 Dai Co Viet, Hai Ba Trung, Hanoi 100000

The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the Indicated position at the time of start of the project as well as at the time of exchange visits under the project. The project grant can be utilised only for the approved items /visits of participating scientists, as mentioned above.

The break-up of estimated expenditure is as indicated below-

1. Mobility budget:

Year : 1

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accommodation, per-diem etc	Total Amount
Dr. ANIL KUMAR ANAL	Thailand	India	14	35000	84000	119000
Dr. Parmjit Singh Panesar	India	Thailand	14	35000	84000	119000
Dr. Son Chu Ky	Vietnam	India	14	55000	84000	139000
To Be Appointed Later	India	Thailand	20	35000	100000	135000

Year : 2

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accommodation, per-diem etc	Total Amount
To Be Appointed Later	India	Vietnam	20	55000	100000	155000
Dr. ANIL KUMAR ANAL	Thailand	India	14	35000	84000	119000
Dr. Son Chu Ky	Vietnam	India	14	55000	84000	139000
Dr. Parmjit Singh Panesar	India	Vietnam	14	55000	84000	139000

2. Research Grant:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	Non-recurring (Capital Items)			

	Total - Non - recurring grant			
B	Recurring Items			
1	Manpower			
2	Consumables	401760	401760	
3	Contingencies	80000	80000	80352
4	Other Cost	0	0	
	Total (Manpower, Consumables, Contingencies, Other Cost)	0	0	0
C	Overhead Expenses (5% of Non-travel expenses)			963520
	Total cost of the project (Without Travel)	24088	24088	48176
		505848	505848	1011696

3. Overall Budget:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	Non-recurring (Capital Items)			
1	Equipment			
	Total - Non - recurring grant	0	0	0
B	Recurring Items			
1	Manpower			
2	Consumables	401760	401760	803520
3	Travel (Domestic and International)	80000	80000	160000
4	Contingencies	512000	552000	1064000
5	Other Cost	0	0	0
	Total-I (Travel - Domestic and International)	0	0	0
	Total-II (Manpower, Consumables, Contingencies, Other Cost)			1064000
C	Overhead Expenses (5% of Non-travel expenses)			963520
	Total cost of the project	24088	24088	48176
		1017848	1057848	2075696

Sanction of the Chairman-AISTDF is also accorded for the release of Rs. Rs. 1017848/- (Rupees Ten Lakh Seventeen Thousand Eight Hundred and Forty Eight only) as first year grant.

The release of this grant is subject to:-

- No re-appropriation of funds from one sub-head to another is permitted.
- Obtaining prior approval of the AISTDF Secretariat for all project related visits to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately through online system (aistic.gov.in), at-least 4 weeks in advance before incurring any expenditure for this purpose. The project based visits must be planned in a way that the duration/ period of each visit don't over-lap with other visit from same country.
- Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up-to-date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilisation under the project
- The international / domestic air-travel pertaining to visits under this project is to be performed by lowest economy class by shortest route.
- The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF Secretariat while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of grant.
- The accounts of the grantee institution shall be open to inspection by the sanctioning authority /audit whenever the institution is called upon to do so, as laid down under Rule 211 of General Financial Rules.

The expenditure involved is to be debited "Grant-in-Aid" sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2019-20

The Sanction has been issued to Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India), Longowal, Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India), Longowal-148106, Distt. Sangrur, Punjab, India with the approval of the competent authority under delegated powers on 19 June, 2020 and vide Diary No. SERB/F/663/2020-2021 dated 22 June, 2020. The release amount of Rs. 1017848/- (Rupees Ten Lakh Seventeen Thousand Eight Hundred and Forty 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:

Account Name	DIRECTOR, SLIET, LONGOWAL
Account Number	1688335346
Bank Name & Branch	CENTRAL BANK OF INDIA CENTRAL BANK OF INDIA, SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LONGOWAL-148106, DISTRICT SANGRUR, PUNJAB, INDIA
IFSC/RTGS Code	CBIN0283105
Email id of A/C Holder	director@sliet.ac.in
Email id of PI	pspbt@yahoo.com

(Raj Kumar Sharma)
Member Secretary(AISTDF)

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

- The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
- Sanction Folder, SERB, New Delhi.
- File Copy
- Dr. Parmjit Singh Panesar
FOOD ENGINEERING AND TECHNOLOGY
Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India),
Longowal
Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India),
Longowal-148106, Distt. Sangrur, Punjab, India, Sant longowal institute of engineering and technology

ASEAN-India STI Cooperation - Notification - Yahoo Mail

(deemed to be university, estd. by govt. of india), longowal-148106, distt. sangrur, punjab, india, Sangrur,
Punjab-148106
Email: pspbt@yahoo.com
Mobile: 919417494849

Director/Registrar
Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt. Of India),
Longowal, Sant Longowal Institute Of Engineering And Technology (Deemed To Be University, Estd. By Govt.
Of India), Longowal-148106, Distt. Sangrur, Punjab, India
(Receipt of Grant may be intimated by name to the undersigned)

(Raj Kumar Sharma)
Member Secretary(AISTDF)

***** LEGAL DISCLAIMER *****

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Dated: 16 May 2019

REGISTRAR OFFICE
NEW DELHI
No. 311
11/6/2020

F.No. 84-41/RIF D/MODROB/Rural/Policy-1/2019-20

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

MODROB-RURAL - Sanction Letter

He/S
11/6/2020

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

Rajan
10/6/2020

DR (A) (A)

Sub: Release of a sum of Rs.1110000 /- (Rupees Eleven Lakh Ten Thousand Only), being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence Rural (MODROB-Rural) for the year 2019-20 payable during the current financial year 2019-20- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of Rs. 1110000/- (Rupees Eleven Lakh Ten Thousand Only) as Grant-in-Aid under the Modernization and Removal of Obsolescence Rural (MODROB-Rural) scheme, as per details given below:

		Director/ Principal/ Registrar		
1.	Name and address of the Beneficiary Institution:	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY, LONGOWAL, Punjab		
2.	Title of proposal:	Wireless and Mobile Communication Lab		
3.	Name of Coordinator:	Dr. ANUPMA MARWAHA		
4.	Duration of the project:	2 years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs. 1110000/-	Non-Recurring (85%): Rs.943500/-	Recurring (15%): Rs.166500/-
5.	Amount to be released during the year 2019-20:	1 st Installment Rs. 1110000 /-	Non-Recurring (85%): Rs.943500/-	Recurring (15%): Rs.166500/-
6.	Sanctioned grant-in-aid is debitable to:	Major Head 601.18(a)Gen. (Plan Head)		

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 bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.

This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

the instructions/guidelines to be followed by University/Institution

Release of funds

- a) The Principal/ Director of the institute and the Coordinator of the project are 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:

Finance Department
12/06/2020

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAAL6685R	CENTRAL BANK OF INDIA	Longewal	SLIET, Longewal	Director SLIET	Saving Account	1688335346	CBIN0283105

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

- The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme,
- 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- To self financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB-RURAL Scheme.

II. Maintenance of accounts

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No 84-41/RIFD/MODROB/Rural/Policy-1/2019-20 dated 08/01/2019 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (listen closed).
- The Council 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.
- The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.
- After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

- If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2019-20, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.
- It may be ensured that the project is completed within the stipulated time. If the project is not completed in time no further extension will be granted in any case and institute has to refund the

entire amount to AICTE.

- e. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project:-

- a. Feedback form in the prescribed proforma.
- b. The Annual Progress Report (APR) in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. 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). Photocopies of formats are enclosed.
- e. Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
 - (i) Principal/Director/Registrar of the Institution (Chairperson)
 - (ii) Coordinator of the project (Member Secretary).
 - (iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment's purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

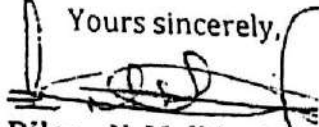
- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
- b. Any unavoidable circumstantial change in the project with respect to name of Project

Coordinator for the MODROB-RURAL project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 84-11/RIFD/MODROB/Rural/Policy-1/2019-20 in your future correspondence.

- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e GFR-19.
- d. The College / Institute receiving grant under MODROB-RURAL is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

List of Equipment's approved

Name of Equipments
1. Wi-Fi (IEEE 802.11B) Application System
2. X-Bee Development system
3. Bluetooth Application Training System
4. GSM Dual Sim Handset Trainer
5. RFID Application Training System
6. IOT Development Kit
7. Spectrum Analyzer
8. RF Power Meter
9. Test Benches
10. Desktop

Yours sincerely,

Dileep N. Malkhede
 Advisor (RIFD)

15/06/2019
 Dileep N. Malkhede
 RIFD

Copy forwarded for information and necessary action to:
 Name and Address of the Coordinator
 Dr. ANUPMA MARWAHA,
 SANT LONGOWAL INSTITUTE OF ENGINEERING &
 TECHNOLOGY,
 LONGOWAL, Punjab-148106

REGISTRAR OFFICE
 DISPATCH
 No. 313
 Date: 11/6/2020

Dated: 16 May 2019

F.No. 84-52/RIFD/MODROB/Rural/Policy-1/2019-20

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

MODROB-RURAL - Sanction Letter



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

Rusan
 10/06/2020

DR/ASA

M. J. S. J. S.

Finance Department, SLIE
 12/06/2020

Sub: Release of a sum of Rs.1182500 /- (Rupees Eleven Lakh EightyTwo Thousand Five Hundred Only), being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence Rural (MODROB-Rural) for the year 2019-20 payable during the current financial year 2019-20-reg.

Sir,

With reference to the proposal submitted by the Institute, this is to convey that the sanction of the Council for payment of Rs. 1182500/- (Rupees Eleven Lakh Eighty Two Thousand Five Hundred Only) as Grant-in-Aid under the Modernization and Removal of Obsolescence Rural (MODROB-Rural) scheme, as per details given below:

		Director/ Principal/ Registrar		
1.	Name and address of the Beneficiary Institution:	SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY, LONGOWAL, Punjab		
2.	Title of proposal:	Modernization And Removal of Obsolescence of Analytical and Biomedical Instrumentation Engineering Laboratory		
3.	Name of Coordinator:	Dr. SANJAY MARWAHA		
4.	Duration of the project:	2 years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs. 1182500/-	Non-Recurring (85%): Rs.1005125/-	Recurring (15%): Rs.177375/-
5.	Amount to be released during the year 2019-20:	1 st Installment Rs. 1182500 /-	Non-Recurring (85%): Rs.1005125/-	Recurring (15%): Rs.177375/-
6.	Sanctioned grant-in-aid is debitable to:	Major Head 601.18(a)Gen. (Plan Head)		

- 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 bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

1. Release of funds

- The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them

Dr. Ashwani Arora

Received
 Page 2

2

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
AAAAL6685R	CENTRAL BANK OF INDIA	Longowal	SLIET, Longowal	Director SLIET	Saving Account	1680335346	CBIN0283105

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

- The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- To self financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB-RURAL Scheme.

II. Maintenance of accounts

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No 84-52/RIFD/MODROB/Rural/Policy-1/2019-20 dated 08/01/2019 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (listen closed).
- The Council 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.
- The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.
- After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

- If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2019-20, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.

- d. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- e. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project:-

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. 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). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
 - (i) Principal/Director/Registrar of the Institution (Chairperson)
 - (ii) Coordinator of the project (Member Secretary).
 - (iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment's purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary Institution.

V. General instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment

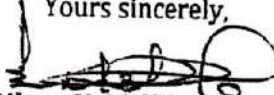
of grant before its release.

- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB-RURAL project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 84-52/RIFD/MODROB/Rural/Policy-1/2019-20 in your future correspondence.
- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
- d. The College / Institute receiving grant under MODROB-RURAL is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

List of Equipment's approved

Name of Equipments	
1)	Digital Flame ✓
2)	Redwood Viscometer ✓
3)	Dust Sampler ✓
4)	Bio Signal Simulator ECG EEG EMG Trainer Kit ✓
5.	Biomedical Instrumentation Trainer ✗
6.)	Pulse Oximeter ✓
7.	Portable Defibrillator
8	Digital Blood Pressure Monitor
9)	Digital Glucometer
10.	EOG amplifiers & EOG simulators
11.	<u>Audiometer trainer kit</u>
12.	Pacemaker simulator trainer
13.	Medical telemetry system and trainer kit
14.	Phonocardiogram system ✗
15.	Ultrasonic blood flow system
16.	X-ray machine demo type

Yours sincerely,


Dileep N. Malkhede
Advisor (RIFD)

5

Dated: 16 May 2019

F.No. 84-52/RIFD/MODROB/Rural/Policy-1/2019-20

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator**
Dr. SANJAY MARWAHA,
SANT LONGOWAL INSTITUTE OF ENGINEERING &
TECHNOLOGY,
LONGOWAL, Punjab-148106

2. **The Registrar / Director / Principal**
SANT LONGOWAL INSTITUTE OF ENGINEERING &
TECHNOLOGY,
LONGOWAL,
Punjab-148106

3. **Guard File**

Dileep N. Malkhede
Advisor (RIFD)

वित्त विभाग, स्टाईट
Finance Department, SLET
... No / Dispatch No. 51672
दिनांक / Dated: 15/05/2019



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

MODROBS - Sanction Letter

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

3/15/19
✓ Dear (A.C.)
- PIC (A & T)

Sub: Release of a sum of Rs. Fourteen Lakh/- being the Grant-in-Aid under Modernization and Removal of Obsolescence Scheme (MODROB) for the year 2017-18 payable during the current financial year 2018-19-rog.

Sir,

This is to convey the sanction of the Council for payment of Rs. 1400000/- (Rupees Fourteen Lakh Only) as 1st installment / final payment out of the total approved grant-in-aid of Rs. 1400000 for completion of MODROB on Modernization and up-gradation of polymer testing and characterization lab in **SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY SANGRUR Pin No - 148106 Punjab**, under the Scheme Modernization and Removal of Obsolescence Scheme (MODROB).

- 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 bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the Institute through RTGS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
- The sanctioned amount is debitible to the Major Head 601.4(a) Gen. of the Scheme of Modernization and Removal of Obsolescence Scheme (MODROB) and is valid for payment during the financial year 2018-19.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- The Principal of the institute and the Coordinator of the project are 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:

DIR/PS/22-23
30/04/19

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAAL6685R	CENTRAL BANK OF INDIA	Longowal	SLIET, Longowal	Director SLIET	Saving Account	3729903946	CBIN0283105

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

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F. No. 9-33/RIFD/MODROB/Policy-1/2017-18 dated _____ issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure. (list enclosed).
- Any change in the equipments recommended/sanctioned shall not be acceptable in any circumstances
- Any expenditure above the sanctioned amount of grant is to be incurred from Institute's own funds.

Verify whether the copy of the document has been sent to PIC (A&T).
Sd/- P. K. Singh
15.19

- g. The Institute/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.
- h. The accounts of the Institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

- a. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.
- b. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.
- c. 100% grant of the sanctioned amount will be released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- d. To self financed/Pvt. Institutions 80% of the sanctioned amount will be released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

III. Submission of documents by university/institution

- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program :-
 - (i) **The Annual Progress Report (APR)** in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion.
 - (ii) **The Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address.
 - (iii) **Project Completion Report (PCR)** in the prescribed format along with the copies of invoice/bills for the equipments purchased and copy of stock entry register where entry of the equipments have made duly verified. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council. Photocopies of formats are enclosed.
- b. A complete Status Report of the project indicating the activities undertaken, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- c. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.
- d. The university/institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and completion certificate etc. within one month of completion of MODROB project. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. Delay in submission of documents after three months of the completion of the MODROB Project shall invite a penalty of 10% of the total sanctioned amount of the MODROB Project, to be deducted from the balance amount of 2nd installment. The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if mandatory documents are not submitted by the institute beyond one year.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
 - (i) Principal/Director/Registrar of the Institution (Chairperson)
 - (ii) Coordinator of the project (Member Secretary),
 - (iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to

be submitted to the Council at end of the project along with other mandatory documents.

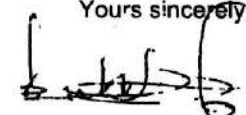
IV. General Instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next instalment of grant before its release.
- b. The duration of the project is for two years from the date of release of grant. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time no further extension will be granted in any case and institute has to refund the entire amount to AICTE. The request for reimbursement of 20% of remaining amount in case of private institution shall be made with LC and other related documents in such a way that the entire project is completed in the prescribed period of two years.
- c. If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon has to be returned to AICTE, by way of a demand draft in favour of Member Secretary, AICTE, New Delhi.
- d. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 9-33/RIFD/MODROB/Policy-1/2017-18 in your future correspondence.
- e. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- f. The University / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- g. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education and should at any time the institution cease to function, such assets shall revert to the All India Council for Technical Education.
- h. GoI GFR rules should be followed during utilization of grant. URL address <http://doe.gov.in/orders-circular/GFR>.

V. List of Equipments approved :

S.No.	Name of Equipment
1.	Digital Rotary viscometer
2.	Uitasonicator
3.	Refractometer
4.	Abrasion Tester for plastics
5.	Refrigerated centrifuge

Yours sincerely,



(Dileep N. Malkhede)
Advisor-I (RIFD)

Copy forwarded for information and necessary action to :-

1. Name and Address of the Coordinator

16

Dr. AMIT RAI
SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY
LONGOWAL SANGRUR
- 148106

2. **The Registrar / Director / Principal**

Dr. Shailendra Kumar Jarr
SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY
LONGOWAL SANGRUR
- 148106

3. **Guard File**

AQIS Application Id: 1-3571125334

9

Government of India
Ministry of Science and Technology
Department of Science & Technology
(International Bilateral Cooperation Division)

Technology Bhavan, New Mehrauli Road
New Delhi-110016
Date: 11.03.2019

INT/RUS/RFBR/P-312

ORDER

Subject Implementation of Indo-Russian Joint project entitled: "Optical Metrology of Ultra-Short Pulses for Design of Flexible MIMO Based Next Generation Optical Communication Networks" Coordinated Dr. Surinder Singh, Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Sangrur, Punjab, India - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs 21,48,672/- (Rupees Twenty One Lakh Forty Eight Thousand and Six Hundred Seventy Two Only)** for implementation of the Indo-Russian joint project entitled "Optical Metrology of Ultra-Short Pulses for Design of Flexible MIMO Based Next Generation Optical Communication Networks" Coordinated Dr. Surinder Singh, Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Sangrur, Punjab, India with the Russian partner Dr. Elena Anashkina, Institute of Applied Physics of Russian Academy of Sciences (IAP RAS), 46 Ulyanov Street, Nizhny Novgorod, Russia for a total duration of Two years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component
Capital Component

Rs 21,48,672/-
Rs. NIL

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear all the cost related to the international air travel, medical insurance, visa charges of accommodation, and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below :

Item of Expenditure	Amount		
	First year	Second year	Total
1. Consumables	50,000	50,000	1,00,000
2. Contingency	50,000	50,000	1,00,000
3. Exchange Visits (Two visit, as calculated in para 3 below) For visit of Indian scientists to Russia	5,27,400	5,27,400	10,54,800
4. Manpower JRF-1 (Rs. 31,000 pm + 8% HRA)	4,01,760	4,01,760	8,03,520
Year wise Cost	10,29,160	10,29,160	20,58,320
Overhead @ 10% (on items no. 1&4)	45,176	45,176	90,352
Total year wise cost	10,74,336	10,74,336	21,48,672
Grand Total			Rs. 21,48,672/-

3. Sanction of the President is hereby accorded for release of 1st instalment amounting of Rs. 10,74,336/- (Rupees Ten Lakh Seventy-Four Thousand and Three Hundred Thirty-Six only) to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Sangrur, Punjab, The bank details for electronic transfer of funds through PTGS are given below -

Account Holders name/ designation	SLIET
Name of Bank	Central Bank of India
Bank Account Number	1688335346
IFSC Code	CBIN0283105
E-Mail	Surinder_sodhi@ridiffmail.com

Condition for placing of grant amount

4. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalisation of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant/ Closure of Project accounts.

Conditions for submission of SE/UC and Progress report

- 5 (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
 - (b) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
 - (c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant;
6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
7. In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

Conditions of Assets (if any) :

- 8.(a) DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

- (b) The equipment/instrument shall have to be purchased within twelve months from the date of release of the capital grant. Fresh permission shall have to be sought from DST. In the event, the Institute fails to purchase the equipment/instrument within the prescribed period of twelve months from the date of release of sanctioned amount.

Conditions for International Visits :

9. All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard

10. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India

Other Conditions:

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

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

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

15. The expenditure involved is debit to Demand No.84, Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head)
60	Others
60.798	International Cooperation (Minor Head)
14	Research & Development
14.00.31	Grants-in-aid General for the year 2018-19 (Previous : ICD-3425.60.798.12.00.31)

16. This sanction order being 1st instalment for implementation of this project, no SE/UC is due from the grantee institution against this project

17. This issues with the concurrence of IFD vide their concurrence Dy. No. C/5412/IFD 2018-19 dated 21.02.2019.

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 434 in the register of grants maintained in the Division.



(Rajiv Kumar)
Scientist 'E'

To,

The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi-110016

Copy to:

1. Office of the Principal Director of Audit, AGCR Bldg, IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Sanction Folder
5. Project File.
6. **Dr. Surinder Singh**, Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Sangrur, Punjab, India
7. **Director / Registrar**, Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Sangrur, Punjab
8. **Finance Officer**, Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Sangrur, Punjab


(Rajiv Kumar)
Scientist 'E'

Annexure

Break up of expenditure on each visit of Indian Scientists visiting collaborative institute is calculated broadly as below: (All conversion US \$ 1= Rs. 70)

1) International Fare Delhi – Nizhny Novgorod – Delhi i. By excursion / economy class	Rs. 80,000
2) Medical Insurance (Silver Class)	Rs. 4,000
3) Domestic Travel related to visit (Sangrur -Delhi-back)	Rs. 10,000
4) Visa Fee (as per actual)	Rs. 8,000
5) Accommodation in Nizhny Novgorod @US \$ 100 14 days	Rs. 98,000
6) Cash Allowance @ US \$ 40 for 14 days	Rs. 39,200
7) Transport Allowance @ Us \$ 25 for 14 days	Rs. 24,500

Total

2,63,700/-


(Rajiv Kumar)
Scientist 'E'

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

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Ref. No.: File No. 8-2 /RIFD/RPS-NDF/Policy-1/2018-19

Date: 13 March 2019

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

Sub: Release of a sum of Rs. 2462500/- being the 1st installment of the total grant of Rs. 2500000/- for conduct of Project under Research Promotion Scheme for Research Centres under National Doctoral Fellowship (RPS-NDF) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of Rs. 2462500/- (Rupees TwentyFour Lakh SixtyTwo Thousand Five Hundred Only) as 1st installment out of a total approved grant-in-aid of Rs. 2500000/- for conduct of a Project under the Research Promotion Scheme For Research Centres under National Doctoral Fellowship (RPS-NDF), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	: DIRECTOR / REGISTRAR / PRINCIPAL SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY Longowal – 148106, Distt. Sangrur PUNJAB
II	Principal Investigator's Name & Dept./Course	: PROF. SURINDER SINGH ELECTRONICS AND COMMUNICATION ENGINEERING
III	Grant-in-aid Sanctioned	: Rs. 2500000/- (Rs. 2125000/- for non-recurring and ,Rs. 375000/- for recurring expenditure)
IV	Grant-in-aid Released as 1 st Instalment during the year 2018-19	: Rs. 2462500/- ((Rs.2125000/- Full amount of non-recurring) + (Rs. 337500/-90 % of recurring sanctioned))
V	Duration	: 3 Years
VI	Title of the Project	: DESIGN AND DEVELOPMENT OF PHOTONIC PLASMONIC BIOSENSOR FOR DETECTION OF HEAVY METALS IN GROUND WATER OF PUNJAB

Terms and conditions

I. General:

- 1) The sanctioned grant-in-aid is debitible to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
- 2) The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, Longowal – 148106, Distt. Sangrur, PUNJAB through RTGS/PMFS.
- 3) The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
- 4) The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
- 5) The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PMFS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute No.	PAN	Bank Name	Bank Branch	Bank Address	Branch	Account Holder Name	Account Type	Account Number	IFSC Code
AAAA16685R		Central Bank of India	SLIET Campus Longowal (3105)	SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, Longowal, Sangrur Pin-148106		Director, SLIET, Longowal	Saving/ Current	1688335346	CBIN0283105

II. Disbursement of grant-in-aid to the Institute

- 6) First installment comprising 100% of the non-recurring grant with 90% of sanctioned recurring grant is being released with this letter. The remaining 10% of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial year (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. Utilization of grant-in-aid

- 7) The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.
- 8) Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.
- 9) The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.
- 10) Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at <https://doe.gov.in/order-circular/general-financial-rules2017-18>).
- 11) Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.
- 12) The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.
- 13) Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.
- 14) Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of 'Member Secretary AICTE' payable at New Delhi.

IV. Submission of mandatory documents by the Institute / PI:

- 15) The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -
- i) Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.
 - ii) Documents to be submitted within one month of completion of each financial year.
 - a) Annual Progress Report, indicating there in the number of patents, publications or any other achievement.
 - b) Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
 - c) Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
 - d) Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
 - e) Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of Institution.
 - iii) Documents to be submitted within two month of completion of the Project.
 - a) Consolidated Utilization Certificate (UC), duly audited.
 - b) Duly audited statement of expenditure mentioning Head-wise break up of expenditure made from the grant-in-aid provided by the Council.
 - c) Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.
 - d) Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

V. Request for Recast / Additional grant

- 16) No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
- 17) In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

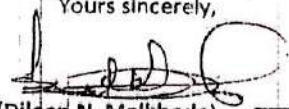
- 18) a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS-NDF project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
b) Mid-term review of project will be done by AICTE.

VII. Others:

- 19) The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
- 20) RPS-NDF project must be completed within the sanctioned time limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.
- 21) For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.
- 22) The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- 23) The institute should strictly observe all the terms & conditions contained in the Scheme details under RPS-NDF 2017-18.

VIII. List of approved equipment: As per Annexure-1

Yours sincerely,


(Dileep N. Malkherde)

Advisor (RIFD)

Copy forwarded for information and necessary action to:

18 MAR 2019

1. Registrar / Director / Principal,
SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY, Longowal - 148106, Distt.
Sangrur PUNJAB
2. PROF. SURINDER SINGH,
ELECTRONICS AND COMMUNICATION ENGINEERING
SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY, Longowal - 148106, Distt.
Sangrur PUNJAB
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.
4. Guard File

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj
New Delhi-110070

Ref. No.: 8-2/RIFD/RPS-NDF/POLICY-1/2018-19

Name of the Principal Investigator & Dept./Course : PROF. SURINDER SINGH
ELECTRONICS AND COMMUNICATION
ENGINEERING

Name of the Institution : SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY
Longowal - 148106, Distt. Sangrur PUNJAB

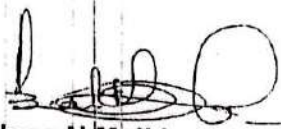
Title of the Project : DESIGN AND DEVELOPMENT OF PHOTONIC
PLASMONIC BIOSENSOR FOR DETECTION OF
HEAVY METALS IN GROUND WATER OF PUNJAB

Approved Items of Expenditure (Non-Recurring)

Sl. No.	Approved Items (As per recommendation of Expert Committee)	No. of Units	Amt. Recommended
1	Laser Source	1	2125000
2	Photonic Crystal Fiber	8m	
3	Spectrometer	2	
4	Optical spectrum	1	
5	Photo detector	1	
6	Fusion Splicer	1	
Total			2125000

Approved Items of Expenditure (Recurring)

Sl. No.	Approved Items (As per recommendation of Expert Committee)	No. of Units	Amt. Recommended
1	Consumable-I	50ml	300000
2	Consumable-II	each	
3	Consumable-III	1	54000
		20m	21000
Total			375000


(Dileep N Malkhede)
Advisor (RIFD)

18 MAR 2019

(11)

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg Vasant Kunj, New Delhi-110070.

Ref No.: File No. 8-37 /RIFO/RPS-NDF/Folic/1/2018-19

Date: 13 March 2019

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

Sub: Release of a sum of Rs. 1590000/- being the 1st installment of the total grant of Rs. 1600000/- for conduct of Project under Research Promotion Scheme for Research Centres under National Doctoral Fellowship (RPS-NDF) during the financial year 2018-19.

Sir

This is to convey the sanction of the Council for payment of Rs. 1590000/- (Rupees Fifteen Lakh Ninety Thousand Only) as 1st installment out of a total approved grant-in-aid of Rs. 1600000/- for conduct of a Project under the Research Promotion Scheme For Research Centres under National Doctoral Fellowship (RPS-NDF), as per details given below:-

- | | | |
|-----|---|---|
| I | Name and address of the Beneficiary Institution
(University / College / Institution) | : DIRECTOR / REGISTRAR / PRINCIPAL
SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, Longowal – 148106, Distt. Sangrur PUNJAB |
| II | Principal Investigator's Name & Dept./Course | : DR. SANDEEP MOHAN AHLJA
CHEMICAL ENGINEERING |
| III | Grant-in-aid Sanctioned | : Rs. 1600000/- (Rs. 1500000/- for non-recurring and Rs. 100000/- for recurring expenditure) |
| IV | Grant-in-aid Released as 1 st installment during the year 2018-19 | : Rs. 1590000/- ((Rs 1500000/- Full amount of non-recurring) + (Rs. 90000/- 90 % of recurring sanctioned)) |
| V | Duration | : 3 Years |
| VI | Title of the Project | : PERFORMANCE ANALYSIS AND OPTIMIZATION FOR CAPTURING CO2 USING AMINE SOLVENTS |

Terms and conditions

I. General:

- 1) The sanctioned grant-in-aid is debitible to the major '601.1(a) (RPS)' Gen. and is valid for payment during the financial year 2018-19.
- 2) The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, Longowal – 148106, Distt. Sangrur, PUNJAB through RTGS/PMFS.
- 3) The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
- 4) The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
- 5) The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PMFS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute No.	PAN	Bank Name	Bank Branch	Bank Address	Branch	Account Holder Name	Account Type	Account Number	IFSC Code
AAAA6685R		Central Bank of India	SLIET Campus Longowal (31C5)	SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY Longowal, Sangrur Pin-148106		Director, SLIET, Longowal	Saving/ Current	1688335346	CBIN0283105

Contd.pg 2/-

II. Disbursement of grant-in-aid to the Institute

6) First installment comprising 100% of the non-recurring grant with 90% of sanctioned recurring grant is being released with this letter. The remaining 10% of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial year (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. Utilization of grant-in-aid

- 7) The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.
- 8) Any Expenditure, incurred prior to issuance of this Sanction Order is not allowed to be adjusted. The Institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI on completion of the Project.
- 9) The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.
- 10) Grantee Institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at <https://doe.gov.in/circular/general-financial-rules2017-18>).
- 11) Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.
- 12) The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.
- 13) Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.
- 14) Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of 'Member Secretary AICTE' payable at New Delhi.

IV. Submission of mandatory documents by the Institute / PI:

- 15) The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -
 - i) **Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.**
 - ii) **Documents to be submitted within one month of completion of each financial year.**
 - a) Annual Progress Report, indicating there in the number of patents, publications or any other achievement.
 - b) Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
 - c) Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
 - d) Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
 - e) Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of Institution.
 - iii) **Documents to be submitted within two month of completion of the Project.**
 - a) Consolidated Utilization Certificate (UC), duly audited.
 - b) Duly audited statement of expenditure mentioning Head-wise break up of expenditure made from the grant-in-aid provided by the Council.
 - c) Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.
 - d) Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

V. Request for Recast / Additional grant:

- 16) No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
- 17) In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

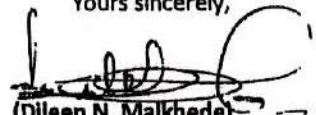
- 18) a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS-NDF project as also make recommendation etc. In APRs and PCR furnished by the Institute / PI.
b) Mid-term review of project will be done by AICTE.

VII. Others:

- 19) The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education
- 20) RPS-NDF project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.
- 21) For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.
- 22) The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- 23) The Institute should strictly observe all the terms & conditions contained in the Scheme details under RPS-NDF 2017-18.

VIII. List of approved equipment: As per Annexure-1

Yours sincerely,


(Dileep N. Malkhede)
Advisor (RIFD)

Copy forwarded for information and necessary action to:

1. Registrar / Director / Principal,
SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY, Longowal - 148106, Distt.
Sangrur PUNJAB
2. DR. SANDEEP MOHAN AUJJA,
CHEMICAL ENGINEERING
SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY, Longowal - 148106, Distt.
Sangrur PUNJAB
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.
4. Guard File

18 MAR 2019

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj
New Delhi-110070

Ref. No.: 8-39/RIFD/RPS-NDF/POLICY-1/2018-19

Name of the Principal Investigator & Dept./Course : DR. SANDEEP MOHAN AHUJA
 CHEMICAL ENGINEERING

Name of the Institution : SANT LONGOWAL INSTITUTE OF ENGINEERING
 AND TECHNOLOGY
 Longowal – 148106, Distt. Sangrur PUNJAB

Title of the Project : PERFORMANCE ANALYSIS AND OPTIMIZATION
 FOR CAPTURING CO2 USING AMINE SOLVENTS

Approved Items of Expenditure (Non-Recurrir g)

Sl. No.	Approved Items (As per recommendation of Expert Committee)	No. of Units	Amt. Recommended
1	Pilot CCS unit	1	1500000
2	Combustion Gas analyzer with digital data recorder	1	
Total			1500000


(Dileep N Malkhede)
Advisor (RIFD)

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

12

Ref. No.: File No. 8-29/RIFD/RPS-NDF/Policy-1/2018-19

Date: 13 March 2019

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

Sub: Release of a sum of Rs. 1680000/- being the 1st installment of the total grant of Rs. 1700000/- for conduct of Project under Research Promotion Scheme for Research Centres under National Doctoral Fellowship (RPS-NDF) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of Rs. 1680000/- (Rupees Sixteen Lakh Eighty Thousand Only) as 1st installment out of a total approved grant-in-aid of Rs. 1700000/- for conduct of a Project under the Research Promotion Scheme for Research Centres under National Doctoral Fellowship (RPS-NDF), as per details given below:-

- | | | | |
|-----|---|---|--|
| I | Name and address of the Beneficiary Institution
(University / College / Institution) | : | DIRECTOR / REGISTRAR / PRINCIPAL
SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY Longowal – 148106, Distt. Sangrur PUNJAB |
| II | Principal Investigator's Name & Dept./Course | : | DR. RAJESH KUMAR
MECHANICAL ENGINEERING |
| III | Grant-in-aid Sanctioned | : | Rs. 1700000/- (Rs. 1500000/- for non-recurring and ,Rs. 200000/- for recurring expenditure) |
| IV | Grant-in-aid Released as 1 st installment during the year 2018-19 | : | Rs. 1680000/- [(Rs1500000/- Full amount of non-recurring) + (Rs. 180000/-90 % of recurring sanctioned)] |
| V | Duration | : | 3 Years |
| VI | Title of the Project | : | DEVELOPMENT OF FAULT IDENTIFICATION SYSTEM FOR WATER TURBINE MAKINGUSE OF VIBRATION SIGNAL AND ARTIFICIAL INTELLIGENCE |

Terms and conditions

I. General:

- The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
- The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, Longowal – 148106, Distt. Sangrur, PUNJAB through RTGS/PMFS.
- The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
- The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
- The Principal and PI of the Institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute No.	PAN	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAL6685R		Central Bank of India	SLIET Campus Longowal (3105)	SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, Longowal, Sangrur Pin-148106	Director, SLIET, Longowal	Saving/ Current	1688335346	CBIN0283105

Contd.pg 2/-

II. Disbursement of grant-in-aid to the Institute

- 6) First installment comprising 100% of the non-recurring grant with 90% of sanctioned recurring grant is being released with this letter. The remaining 10% of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial year (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. Utilization of grant-in-aid

- 7) The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.
- 8) Any Expenditure, Incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.
- 9) The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.
- 10) Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at <https://doe.gov.in/order-circular/general-financial-rules2017-18>.
- 11) Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.
- 12) The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.
- 13) Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.
- 14) Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of 'Member Secretary AICTE' payable at New Delhi.

IV. Submission of mandatory documents by the Institute / PI:

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- i) **Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.**
- ii) **Documents to be submitted within one month of completion of each financial year.**
- Annual Progress Report, indicating there in the number of patents, publications or any other achievement.
 - Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
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 - Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
 - Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of Institution.
- iii) **Documents to be submitted within two month of completion of the Project.**
- Consolidated Utilization Certificate (UC), duly audited.
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 - Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.
 - Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

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- 17) In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

- 18) a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS-NDF project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
b) Mid-term review of project will be done by AICTE.

VII. Others:

- 19) The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
- 20) RPS-NDF project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.
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- 22) The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- 23) The institute should strictly observe all the terms & conditions contained in the Scheme details under RPS-NDF 2017-18.

VIII. List of approved equipment: As per Annexure-1

Yours sincerely,



(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. Registrar / Director / Principal,
SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY, Longowal - 148106, Distt.
Sangrur PUNJAB
2. DR. RAJESH KUMAR,
MECHANICAL ENGINEERING
SANT LONGOWAL INSTITUTE OF ENGINEERING
AND TECHNOLOGY, Longowal - 148106, Distt.
Sangrur PUNJAB
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.
4. Guard File

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj
New Delhi-110070

Ref. No.: 8-29/RIFD/RPS-NDF/POLICY-1/2018-19

Name of the Principal Investigator & Dept./Course

: DR. RAJESH KUMAR
 MECHANICAL ENGINEERING

Name of the Institution

: SANT LONGOWAL INSTITUTE OF ENGINEERING
 AND TECHNOLOGY
 Longowal - 148106, Distt. Sangrur PUNJAB

Title of the Project

: DEVELOPMENT OF FAULT IDENTIFICATION
 SYSTEM FOR WATER TURBINE MAKING USE OF
 VIBRATION SIGNAL AND ARTIFICIAL
 INTELLIGENCE

Approved Items of Expenditure (Non-Recurring)

Sl. No.	Approved Items (As per recommendation of Expert Committee)	No. of Units	Amt. Recommended
1	Test rig of Francis turbine	1	1500000
2	Test rig of pelton turbine	1	
3	Centrifugal pump test rig	1	
4	Uni-axial accelerometer	1	
5	Tri-axial accelerometer	1	
6	Acoustic transducer	2	
7	DAQ system	1	
8	Tachometer	1	
9	Portable particle counter	1	
10	LabVIEW	3	
11	Pressure sensor	1	
12	Torque sensor	1	
		Total	1500000


 (Dileep N Malkhede)
 Advisor (RIFD)

18 MAR 2019

No.SR/FST/ET-I/2018/157 (C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

13

Technology Bhawan,
New Mehrauli Road
New Delhi -110016

14th March, 2019

ORDER

Subject: Financial assistance (1st installment) to the Department of Electronics and Communication Engineering, Sant Longowal Institute of Engineering Technology SLIET Campus Longowal-14806, Punjab under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of Rs. **61,00,000/- (Rupees Sixty one lakh only)** for 5 years. The detailed breakup of the grant for General as well as Capital Components are given below:

To augment of research facilities in the Department

Capital Assets: Rs. 57.0 L

Rs. 57.0 L [i) Vector Network Analyzer- Rs 51.0L, ii) Calibration Kit (Compatible with VNA) Rs 4.0L, iii) RF Sensors- Rs 2.0L]

General Components: Rs. 4.0L

M- Rs. 4.0 L

Total : Rs. 61.0 Lakh

2. The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1 st year	2 nd year	3 rd year	4 th year	5 th year	total
Equipment	57.0	-	-	-	-	57.0
Maintenance	-	1.0	1.0	1.0	1.0	4.0
Total	57.0	1.0	1.0	1.0	1.0	61.0

3. Sanction of the President is also accorded to the release of **Rs. 57,00,000/- (Rupees Fifty seven lakh only)** to the **Registrar, Sant Longowal Institute of Engineering Technology SLIET Campus Longowal-14806, Punjab** under FIST Program as a 1st installment of the grant in 2018-2019 under 'creation of capital assets' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the 'Equipment'. The break-up of the 1st installment grant released now would be 'Equipment', **Rs. 57.0 lakh for procurement of Equipment mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process].**

4. **The Department/Institute will appropriately limit the expenditure within the sanctioned in case of any expected excess expenditure.** The Department is requested to utilize the released fund in first one year from the date of sanction order.

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

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal, besides sending it in physical form to this Division with UC id generated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
7. If the grant has been released under Capital head/General through separate sanction order(s) under the same project for purchase of equipment, separate SE/UC has to be furnished for the released Capital head/General grant.
8. There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.
9. The grant-in-aid being released is subject to the condition that:
 - (a). a transparent procurement procedure in line with the provisions of General Financial Rules 2017 will be followed by the University/Institute under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the University/Institute immediately on receipt of the grant, and
 - (b). while submitting Utilization Certificate/Statement of Expenditure, the University/Institute has to ensure submission of supporting documentary evidences with regard to the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered on receipt of the said documents.
 - (c). Grantee Institute may furnish copy of invoice in respect of equipments worth Rs. 5.0 L and above along with customs clearance certification (in case of imported equipments) after procurement of the equipments.
 - (d). Servers, Desktops, Workstations, Printers etc. may be procured through GeM (Government E-Market) platform.
 - (e). Grantee Institute will furnish copy of bills showing expenditure incur on maintenance of the equipments after warranty period of respective equipments are over.
10. "In terms of Rule 230(8) of GFR 2017, the grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, generated against released Grant shall be remitted to Consolidated Fund of India".
11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017
13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the scheme will entail full refund with interest as per terms of Rule 231 (2) of GFR 2017.

The expenditure involved is to be debited to

Demand No. -84 Department of Science & Technology.

"3425" -Other Scientific Research (Major Head);

60-Others (Sub-Major Head);

60.200-Assistance to other Scientific Bodies (Minor Head);

68- Science and Technology Institutional and Human Capacity Building

68.00.35-Grants for creation of capital assets for the year 2018-2019 (Voted)

[Previous: R&D Support: 3425 60.200.25.01.35]

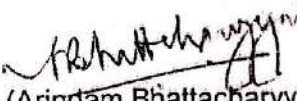
The above release is made under 'R&D' Scheme.

16. The amount of **Rs. 57,00,000/- (Rupees Fifty seven lakh only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Sant Longowal Institute of Engineering Technology SLIET Campus Longowal-14806, Punjab**. The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder: **Registrar, Sant Longowal Institute of Engineering Technology**
2. Name of the Bank: Central Bank of India
3. Bank Account Number: 1688340298
4. IFSC Code: CBIN0283105
5. MICR Code:

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 312 in the register of grants maintained in the Division for the scheme **(R&D Support)**.

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No.5890 dated the 13.03.2019.


(Arindam Bhattacharyya)
Scientist 'E'

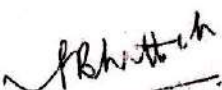
Email: a.bhattacharyya@nic.in

To

The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy forwarded for information and necessary action to:

1. Cash Section (with two spare copies).
2. Head,
Department of Electronics and Communication Engineering,
Sant Longowal Institute of Engineering Technology
SLIET Campus
Longowal-14806,
Punjab
3. Registrar,
Sant Longowal Institute of Engineering Technology
SLIET Campus
Longowal-14806,
Punjab
4. Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002
5. Office of Account General, Punjab, Chandigarh.
6. FIST-Secretariat.
7. CoA / IFD, DST, New Delhi.
8. Head, R & D (Infrastructure), DST New Delhi.
9. Sanction Folder.


(Arindam Bhattacharyya)
Scientist 'E'

Email: a.bhattacharyya@nic.in



REGISTERED (14)

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 38(1491)/19/EMR-II
From : Head, Human Resources Development Group

Dated : 31/7/19.

To ✓
PROF PARMJIT S PANESAR
DEPT OF FOOD ENGG & TECH
SLIET
LONGOWAL 148106 PUNJAB

Subject : Grants-in-aid for your scheme entitled : BIOREFINING OF KINNOW MANDARIN WASTE FOR THE EXTRACTION OF BIOACTIVE COMPOUNDS FOR THE DEVELOPMENT OF NOVEL FUNCTIONAL FOODS USING GREEN TECHNOLOGIES

Sir,
I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

		36 Months		
I	Duration of the Scheme (from the date of Commencement)			
II	Staff	1-RA/SRF/JRF		
III	Contingency (per annum in ₹)	1 st Year : 1,55,000	2 nd Year : 1,50,000	3 rd Year : 1,30,000.
IV	Equipment (lumpsum in ₹)	7,00,000		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- DG CSIR has also approved the release of the following grants for the period 01/06/2019 to 31/03/2020

No	Grants	Amount (in ₹)
I	Staff	3,60,000
II	Contingency	1,29,167
III	Equipment	7,00,000
Total :		11,89,167

- Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. The grant for the 1st installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.

The expenditure is debit to budget head P81102.

Yours faithfully,

[Signature]
SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

- Registrar/Principal/Director ✓ SLIET Longowal 148106 Punjab
utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
- Sr F&AO(EMR) alongwith FVC for first year's grant.

GUIDELINES FOR APPOINTMENT AND APPROVAL OF STAFF IN SCHEMES
Kindly see guidelines for our website www.csirhrdg.res.in

In respect of appointment of staff it is stated that one of the following may be appointed a staff in the Scheme:-

1. **JRF @Rs.31,000/- pm plus HRA/MA** : Possessing M.Sc./BE/ B. Tech or equivalent degree with 55% marks and passing of NET/GATE. Age Maximum 28 years.
2. **SRF @Rs.35,000/- pm plus HRA/MA** : Possessing (i) M.Sc./BE/ B. Tech./ BVSc./B.Pharm or equivalent and at least 2 years of post-M.Sc./BE/ B.Tech./BVSc./B.Pharm, research/teaching experience as evidence from published papers in standard refereed journals; (ii) ME/M. Tech. or equivalent degree in Engg./Techn.; (iii) MBBS or BDS with 1 year internship/ M.V.Sc/M.Pharma or equivalent. Age limit maximum 32 years.
3. **Research Associate @Rs.47,000/- pm plus HRA/MA** : Possessing Doctorate (PhD/MD/MS/MDS) or equivalent OR having 3 years of research, teaching and design & development experience after MVSc/MPharma/ME/MTech. Age limit maximum 35 years.

Age Relaxation : Upper age limit is relaxable upto 5 years for SC/ST/OBC/Women and Physical handicapped candidates.

4. Project Assistant with M.Sc. with or without NET/Gate Certificate/experience on less than Rs.12,000/-pm (consolidated) is to be paid from Contingency Grant only already sanctioned, i.e., no additional grant will be given for such Project/Research Assistant.

The grant in respect of staff is released only after approval of Competent Authority/HRDG on submission of the following documents in respect of JRF/SRF/Research Associate:-

1. Copy of Advertisement released for appointment of JRF/SRF/RA in the scheme.
2. Copy of Proceedings of 3 Members Selection Committee (PI, Head of Department & One **External Member of same area/discipline from outside your institution**) — selecting staff (JRF/SRF/RA) for the scheme. **External Members presence in selecting JRF/SRF/RA in the project is mandatory. Any deviation will not be accepted.**
3. Bio-data of candidate in prescribed form "G".
4. Copy of Joining Report of the staff appointed in the scheme.
5. Proof of date of birth of staff selected/appointed in the scheme(Secondary/SSLC Cert.).
6. Documents in support of educational qualifications, B.Sc./M.Sc./B.E./B.Tech./ME/M.Tech. etc., NET / GATE(for J.R.F. only) and experience certificates(for SRF or Research Associate, where required, of the staff appointed in the Scheme.

Hence submission of the above mentioned documents in respect of staff (JRF/ SRF/ Research Associate) appointed in the EMR-II Schemes is mandatory for approval of the Competent Authority/HRDG, to enable us to release the grants for staff.