



Narula Institute of Technology

81, Nilgunj Road, Agarpara, Kolkata-700109

Supporting Documents

Criteria: 3.2.1, 3.2.2 & 3.2.4

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Narula Institute of Technology

81, Nilgunj Road, Agarpara, Kolkata-700109

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

RPS - Sanction Letter

File No. 8-181/RIFD/RPS (POLICY-1)/2018-19

Date:22 November 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.788000/- being the 1st installment of the total grant of Rs.800000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2019-20.**

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs.788000/- (Rupees Seven Lakh EightyEight Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.800000/-** for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	Name and address of the Beneficiary : Institution (University / College / Institution)	REGISTRAR /DIRECTOR / PRINCIPAL, NARULA INSTITUTE OF TECHNOLOGY, 81, NILGUNJ ROAD, AGARPARA, KOLKATA NORTH 24 PARGANAS WEST BENGAL -700109
II.	Principal Investigator's Name & : Dept./Course	Dr. ANILESH DEY Electronics Engineering
III.	Grant-in-aid Sanctioned	Rs.800000/- (Rs.680000/- for non-recurring and Rs.120000/-for recurring expenditure)
IV.	Amount to be Released during the year 2019-20(as 1 st installment)	Rs.788000/- (Rs.680000/- Full amount of non-recurring &Rs.108000/-90 % of recurring sanctioned)
V.	Project Duration	3 Years
VI.	Title of the Project	Reduction of stress under the use of music


I. Release of funds:

1. The amount of the grant 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 account of NARULA INSTITUTE OF TECHNOLOGY, 81, NILGUNJ ROAD, AGARPARA, KOLKATA NORTH 24 PARGANAS WEST BENGAL - 700109 through **RTGS/PMFS**.
2. The sanctioned grant-in-aid is debitable to the **Major Head "601.12.a (RPS Plan)" Gen.** and is valid for payment during the financial year 2019-20.
3. 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.
4. The 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.

II. Maintenance of account by the Institute/PI:

1. 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
2. The grant is intended to cover items of expenditure/equipment approved by AICTE.
3. Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Advisor (RIFD), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700


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 undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATN4519P	STATE BANK OF INDIA	Gururanak College Campus	180/F, Nilgunj Road, Kolkata North 24 PGS, West Bengal-700114	Narula Institute of Technology	Current Account	33037009838	SBIN0016612

6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
7. Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

III. General Instructions:

- It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.
- The duration of Project is 03 years and 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 issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, by way of a demand draft in favor of 'Member Secretary, AICTE payable at New Delhi.
- 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.
- The Institute may constitute a Project Evaluation Committee (PEC) The composition of the PEC shall be as under:
 - Principal/Director of the institution (Chairperson)
 - Two HODs from institute (Members)
 - In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
 - Coordinator of the project (Member Secretary)
- The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
- Similarly, the recurring grant shall be used for the items sanctioned by the AICTE. No money be used for going 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.
- 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.
- 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


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 108

U-12

9. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Evaluation Committee.
10. 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.
11. Each project sanctioned by AICTE is assigned a specific Reference Number which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number along with year of sanction of the project, otherwise correspondence may not be entertained.
12. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:

- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. 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.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.


B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)


Principal Investigator
M. N. R. Institute of Technology
M. N. R. Road, Agardas
Kolkata-700 109

12 DEC 2019


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Approved List of Items under Non-recurring grant:

S.No.	Approved Items (As per proposal)	Amount recommended
A	Non-recurring (equipments)	
i)	labview software resarch bundle with biomedical tool kit	
ii)	24 channel EEG data logger with EEG lead with supporting computing system and accessories	
iii)	iWorx Bioinstrumentation Sensor Package for NI Sensors and Accessories for Bioinstrumentation Applications	Rs.680000/-
iv)	Data acquisition System for biomedical signal acquisition	
v)	Lab view software research bundle with biomedical tool kit	
B	Recurring (for Contingencies & consumables only)	Rs.120000/-
	Grand Total (A) + (B)	Rs.800000/-

Copy forwarded for information and necessary action to:

1. REGISTRAR / DIRECTOR / PRINCIPAL,
NARULA INSTITUTE OF TECHNOLOGY,
81, NILGUNJ ROAD, AGARPARA,
KOLKATA NORTH 24 PARGANAS,
WEST BENGAL -700109
2. NAME OF PRINCIPAL INVESTIGATOR,
Dr. ANILESH DEY,
NARULA INSTITUTE OF TECHNOLOGY,
81, NILGUNJ ROAD, AGARPARA,
KOLKATA NORTH 24 PARGANAS
WEST BENGAL -700109
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.
4. GUARD FILE


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109


(Dileep N. Malkhede)
Advisor (RIFD)

Dated: 4 January 2019

F.No 8-26/RIFD/RPS/Policy-1/2017-18

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

RPS - Sanction Order



To

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. 1234205/- being the 1st installment of the total grant of Rs. 1253000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of Rs. 1234205/- (Rupees Twelve Lakh Thirty Four Thousand Two Hundred Five only) as 1st installment out of a total approved grant-in-aid of Rs. 1253000/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

- | | | | |
|------|--|---|--|
| I. | Name and address of the Beneficiary Institution (University / College / Institution) | : | NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD AGARPARA, KOLKATA-70 NORTH 24 PARGANAS
KOLKATA- 700109 |
| II. | Principal Investigator's Name & Dept./Course | : | Dr. KUNAL DAS COMPUTER SCIENCE AND TECHNOLOGY |
| III. | Grant-in-aid Sanctioned | : | Rs. 1253000/- (Rs. 1065050/- for non-recurring and Rs. 187950/- for recurring expenditure) |
| IV. | Grant-in-aid Released as 1 st instalment during the year 2018-19 | : | Rs. 1234205/- [(Rs. 1065050/- Full amount of non-recurring)+(Rs. 169155/- 90 % of recurring sanctioned)] |
| V. | Duration | : | 3 Years |
| VI. | Title of the Project | : | Bio-Chip-Sensor Design and Implementation for Health Care and Food Processing Application |


Terms and conditions

I. General:

- 1 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.
- 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 NARULA INSTITUTE OF TECHNOLOGY 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/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:-

AQIS Application Id: 1-3565514575

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Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700109

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAT N4519 P	STATE BANK OF INDIA	GURUNANAK COLLEGE CAMPUS	180/F, NILGUNJ ROAD, KOLKATA, NORTH 24 PGS, 700114	NARULA INSTITUTE OF TECHNOLOGY	Current Account	34037009838	SBIN 00166 42

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

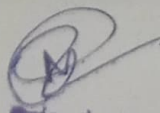
1. First installment comprising 100% of the non-recurring grant with 90% of sanctioned recurring grant is being released with this letter. The remaining 10% of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial years (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

1. 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.
2. 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.
3. 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.
4. 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-rules2017-0>.
5. Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.
6. 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.
7. 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.
8. 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:

1. 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 therein 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


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Kolkata-700 109

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:

1. 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.
2. 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:


1. 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 project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.

VII. Others:

1. 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.
2. RPS 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.
3. 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.
4. 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.
5. The institute should strictly observe all the terms & conditions contained in the Scheme details under AICTE AOIS 2017-18.

VIII. List of approved equipments :

S.No.	Name of sanctioned equipment(s)
1	COMPUTER
2	COMSOL Multiphysics Microfluidics Module, MEMS Module, Semiconductor Module
3	Gold pack of Zolertia Device (5 no's) N Mote (5 no's)
4	Zolertia Compatible Gateway
5	Finger-clip Heart Rate Sensor with shell
6	Zolertia Serial Camera Kit
7	GSR sensor
8	Z1 Zolertia EMG Detector
9	Body Temperature Sensor


 Principal
 Vellore Institute of Technology
 81, Alagappa Road, Chennai
 600 127

Dated: 4 January 2019

F No 8. 26 RIFD/RPS Policy-1 2017-18

10	Laser printer cum Scanner
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Yours sincerely

Dileep N. Malkhede
Advisor (RIFD) 23/1/19

Copy forwarded for information and necessary action to:

- ✓ 1. Registrar / Director / Principal
Prof. Dr. Maitreyi Ray Kanjilal
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS
KOLKATA- 700109
2. Name and Address of Principal Investigator
Dr. KUNAL DAS
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS
KOLKATA- 700109
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI- 110002
4. Guard File

AQIS Application Id: 1-3565514575


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AQIS Application Id: 1-3565514575

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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



STTP- Sanction Letter

Ref. No. 34-65/55/RIFD/STTP/Policy-1/2018-19

Date _____

To

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

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 300000 /- (Rupees Three Lakh Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	NARULA INSTITUTE OF TECHNOLOGY , 81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS-700109 West Bengal
2.	Permanent ID of Institute	1-10311624
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. KUNAL DAS
5.	Amount sanctioned	Rs. 300000/-
6.	Amount to be released	Rs.300000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Data science and Machine learning

1. 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.
2. 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.

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Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata - 700109

3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, 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
AAATN4519P	STATE BANK OF INDIA	Gurumanak College Campus, Panihati	180/F, Nilgunj Road, North 24 PGS, Kolkata, West Bengal	Narula Institute of Technology	Current Account	34037009838	SBIN0016642

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

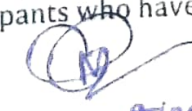
- The full amount of the grant sanctioned is being released as advance to the University/Institute.
- The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

II Maintenance of Accounts

- The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- 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.
- 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.
- The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

IV. Submission of Documents by the University/Institutions to AICTE

- The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. 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. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
(iii) Copy of the proceedings and completion report.
(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
(v) Report submitted by Program Evaluation Committee (PEC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

- a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.
- b. Money to be reimbursed on the grant (for any reasons to include unspent amount, interest, penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.
- c. 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.
- d. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within three months from the date of release of funds.
- e. If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.
- f. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.

h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP 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. 34-65/55/RIFD/STTP/Policy-1/2018-19 in your future correspondence.

i. **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 program (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. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely

(Dileep N Malkhede)
Advisor-I (RIFD)

12 DEC 2019

Copy forwarded for information and necessary action to: -

1. **Name and Address of the Coordinator**
Dr. KUNAL DAS
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA- 109
KOLKATA 700109 West Bengal
2. **The Registrar / Director / Principal**
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109
KOLKATA 700109 West Bengal
3. **Guard File**

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpura
Kolkata-700109



STTP- Sanction Letter

Ref. No. 34-65/56/RIFD/STTP/Policy-1/2018-19

Date _____

To

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


Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 300000 /- (Rupees Three Lakh Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	NARULA INSTITUTE OF TECHNOLOGY , 81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS-700109 West Bengal
2.	Permanent ID of Institute	1-10311624
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. SANDIP CHANDA
5.	Amount sanctioned	Rs. 300000/-
6.	Amount to be released	Rs.300000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	One Week Short Term Training Programme on Recent Trends in Internet of Things (IoT) and Embedded System Based Monitoring and Control of Distributed Generation.

1. 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.
2. 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.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

- 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) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. 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. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
(iii) Copy of the proceedings and completion report.
(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
(v) Report submitted by Program Evaluation Committee (PEC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

- a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.
- b. Money to be reimbursed on the grant (for any reasons to include unspent amount, interest, penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.
- c. 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.
- d. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within three months from the date of release of funds.
- e. If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.
- f. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP 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. 34-65/56/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **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 program (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. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.
- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,

(Dileep N Malkhede)
Advisor-I (RIFD)

12 DEC 2019

Copy forwarded for information and necessary action to: -

1. **Name and Address of the Coordinator**
Dr. SANDIP CHANDA
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109
KOLKATA 700109 West Bengal
2. **The Registrar / Director / Principal**
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109
KOLKATA 700109 West Bengal
3. **Guard File**

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700109

No.SR/FST/College-2017/105 (C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016.

7th August, 2018

ORDER

Subject: Financial assistance (1st installment) to the Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700109, (West Bengal) under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 45,00,000/- (Rupees Forty Five lakh only)** for 5 years. The detailed breakup of the grant for General as well as Capital Components are given below

To strengthen the research facilities in the College on 50:50 Mode (Being a Private College)

Capital Assets:Rs.43.0 L

E-Rs. 43.0 L [Research Facility-Rs. 43.0 L for 12 items (as per quotation submitted to DST).]

General Components: Rs.2.0L

M- Rs.2.0 L

Total : Rs. 45.00 Lakh [DST's contribution Rs.22.5 lakh & College's Share-Rs.22.5 lakh]

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	43.0	-	-	-	-	43.0
Maintenance	-	0.5	0.5	0.5	0.5	2.0
Total	43.0	0.5	0.5	0.5	0.5	45.0

3. The sanction of the President is also accorded to the release of **Rs. 21,50,000/- (Rupees Twenty one lakh and fifty thousand only)** to the Principal, Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700109, (West Bengal) 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 (94%) Custom Duty & other duties under the 'Equipment'. The break-up of the 1st installment grant released now would be 'Equipment': Rs. 21.5 lakh for procurement of the equipments 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 amount in case of any expected excess expenditure. The Department is requested to utilize the released funds 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 GFR 2017 and annual statement of expenditure (SE) along with up to date progress report at the end of each financial year duly mentioning 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

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.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

Dated: 4 January 2019

NIT
MOVEMENT 1/17/2022

F. No. 34-56 / RIFD-STTP/Policy-1/2017-18

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



STTP- Sanction Letter

To
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. 340000/- for conduct of Short Term Training Programme (STTP) during the financial year 2018-19 - reg.

Sir,

This is to convey the sanction of the Council for payment of Rs. 340000/- (Rupees Three Lakh Forty Thousand only) for conduct of STTP on Sustainable development on civil engineering array : NARULA INSTITUTE OF TECHNOLOGY NORTH 24 PARGANAS Pin No - 700109 West Bengal, under the Scheme of Short Term Training Programme.

1. 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.
2. 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.
3. The sanctioned amount is debitable to the Major Head 601 43(a) Gen. of the Scheme of Short Term Training Programme 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

- a. The Principal of the institute and the Coordinator of the program 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 -

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATN4519P	STATE BANK OF INDIA	GURUNANAK COLLEGE CAMPUS	180/F, NILGUNJ ROAD, KOLKATA, NORTH 24 PGS, 700114	NARULA INSTITUTE OF TECHNOLOGY	Current Account	34037009838	SBIN 0016642

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

- a. The Institute shall strictly follow the provisions laid down in the scheme document and sanction order no. F.No. 34-56 / RIFD-STTP/Policy-1/2017-18 dated 01.01.2019 issued by the Council.
- b. Funds disbursed by this grant shall be kept separately, and should not be mixed up with other funds. It is to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grant, which shall be stated only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as: Awarding & Lodging to the participants, A.C. hall rent, food, transport, medical, etc. Reading material to participants, etc. and should not be used for other purposes.

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpore
Kolkata-700 109

including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

- f. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/College/Institution. Further, 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 University/Institutions

- The full amount of the grant sanctioned is being released as advance to the University/Institute.
- The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- The above said amount of grant shall be released on the basis of the Letter of Approval (LOA) issued by AICTE to the institute for the academic year 2018-19.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

IV. 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:-

- Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. 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. Photocopies of formats are enclosed.

The university/institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.


- Feedback form in the prescribed proforma.
- Copy of the proceedings and completion report.
- List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).
- Report submitted by Program Evaluation Committee (PEC).

- The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.
- The university/institution is expected to submit the above said mandatory documents viz Utilization Certificate, Expenditure Statement and feedback form etc within one month of conduct of STTP. 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 conduct of STTP shall invite a penalty of 10% of the total sanctioned amount of the STTP, to be recovered from the University/Institute. 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 University/Institute beyond one year.

V. General instructions

- Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 20% participants shall be from the host institution/group of institutions.
- Interest, accrued on the grant released shall be refunded back to AICTE.
- If programme is not conducted in the period of nine months of the issuance of this Sanction Order, the released amount, along with interest accrued thereon, has to be returned back to AICTE.

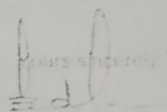
AICTE Approval No. Womnet/1/2018/190


Principal
Narda Institute of Technology
81, Nigunj Road, Agarpara
Kolkata-700-109

- d. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- e. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- f. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within nine months from the date of release of funds.
- g. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP 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. 34-56/132/RIFD/STTP/Policy-1/2017-18 in your future correspondence.
- h. 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 program (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. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

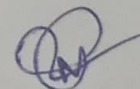
- i. GoI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- j. This Sanction Order may be treated as Offer Letter for all purposes.


(Dilip N Malhotra)
Advisor-I (RIFD)

Copy forwarded for information and necessary action to :-

1. Name and Address of the Coordinator
Dr. BIMAN MUKHERJEE
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109, NORTH 24 PARGANAS
KOLKATA- 700109
2. The Registrar / Director / Principal
Prof. Dr. Maitreyi Ray (Kanjilal)
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109, NORTH 24 PARGANAS
KOLKATA- 700109
3. Guard File

91 MAR 2019



Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109



35251C
31/12/18

By Mail

Institutional Strengthening of Gram Panchayats (ISGP) Program-II
Panchayats & Rural Development Department
Government of West Bengal

1678

Millennium City IT Park, Tower - II, 3rd Floor (Unit D), DN-02, Sector-V, Salt Lake City, Kolkata-700 091
Phone: +91 33 46033674, Fax: +91 33 46033677
Email: scu.wbisgpp@gov.in, Website: www.mis.wbprd.gov.in

From:
Soumya Purkait
Commissioner P&RD Department and
Program Director, ISGPP-II

Name.....

Dated 09/12/18 Date: 03.12.2018

ADM(P)

K.

District Magistrate
Uttar Dinajpur

ISGPP

L

To:
The District Magistrate
Birbhum, Jalpaiguri, Darjeeling, Coochbehar, Dashkin Dinajpur, Uttar Dinajpur, North 24 Parganas,
Purbo Bardhaman, Nadia, Purba Medinipur, South 24 Parganas, Jhargram, Purulia.

Sub: Request to Ensure the Participation in the Training of Block Level Junior Engineers on Rural Engineering Issues.

Sir,

In reference to letter (Memo No: 1780/ISGPP/CB-9/2017/Pt-IV, dated: 20.11.2018), you are well aware that we have already started the training of block level Junior Engineer in four different institute namely Jadavpur University, Meghnad Saha Institute of Technology (MSIT) and Narula Institute of Technology from 3rd December, 2018. It is observed that the attendance of the participants is very poor in first batch (3rd December to 7th December, 2018).

Keeping in mind the monitory and logistical involvement of the P&RD department, you are requested to kindly ensure the full participation by the Junior Engineers under your district in the above-mentioned training.

The participation details of your districts are given in Annexure 1.

Looking forward to your active cooperation in this regard to make the event successful.

Yours faithfully,

Soumya Purkait

(Soumya Purkait)

Date: 03.12.2018

No. 1862/ISGPP/CB-9/2017/Pt-IV

Copy forwarded for information and necessary action to:

Principal
Narula Institute of Technology
81, Nigunj Road, Agarpara
Kolkata-700 146

Annexure-I
District wise batch plan for Junior Engineer on rural engineering issues

Table I: Number of Junior Engineer for training batches at Narula Institute of Technology

Batch	Training Dates	District				Total
		Jalpaiguri & SMP	Coochbehar	Dashkin Dinajpur	Uttar Dinajpur	
1	03.12.18 to 07.12.18	12	12	8	8	40
2	10.12.18 to 14.12.18	10	12	8	10	40
Total		22	24	16	18	80

Table II: Number of Junior Engineer for training batches at Jadavpur University

Batch	Training Dates	District				Total
		North 24 Parganas	Purbo Bardhaman	Nadia	Purba Medinipur	
1	10.12.18 to 14.12.18	8	10	12	10	40
2	17.12.18 to 21.12.18	8	10	12	10	40
3	15.01.19 to 19.01.19	8	10	12	10	40
Total		24	30	36	30	120

Table III: Number of Junior Engineer for training batches at Meghnad Saha Institute of Technology.

Batch	Training Dates	District				Total
		South 24 Parganas	Jhargram	Purulia	Birbhum	
1	03.12.18 to 07.12.18	12	8	10	10	40
2	10.12.18 to 14.12.18	12	8	10	10	40
Total		24	16	20	20	80

Soumya Purkait

(Soumya Purkait)

Jalp
Co
4
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(Signature)
Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

Memo No: 1587/ISGPP/CB-09/2017 Part IV

Dated: 12.10.2018

From:
 Dy. Program Director,
 ISGPP II, P&RD Department,
 Govt. of West Bengal

To:
 The Principal
 Narula Institute of Technology
 81, Nilgunj Road, Agarpara
 Kolkata 700 109
 Phone: 033 2563 8888/7777

Sub: Training of Nirman Sahayaks from Gram Panchayats and Block level Junior Engineer on Rural Engineering Issues

Your reference no: NIT/ PRIN/ CERT/18/776 dated 30.08.2018.

Sir,

With reference to the subject above, this is to inform you that your proposal for conducting training of Nirman Sahayaks from Gram Panchayats and Block level Junior Engineer on rural engineering issues is accepted. The detail of the training programme is given below.

1.	Training of	Nirman Sahayaks from Gram Panchayats and Block Level Junior Engineers on rural engineering issues
2.	Total Participants	200 (Two hundred) 40 Participants in each batch X 05 Batches
3.	Duration of the training	05 (five) days for each batch X 05 Batches
4.	Date for conducting the Training	1 st Batch: 12 th November 2018 to 16 th November 2018 2 nd Batch: 19 th November 2018 to 23 rd November 2018 3 rd Batch: 26 th November 2018 to 30 th November 2018 4 th Batch: 03 rd December 2018 to 7 th December 2018 5 th Batch: 10 th December 2018 to 14 th December 2018
5.	Cost per participant	INR 15,605.50 (Rupees fifteen thousand six hundred and five only) + GST at applicable rate

(Signature)
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Institutional Strengthening of Gram Panchayats (ISGP) Program-II
Panchayats & Rural Development Department
Government of West Bengal

Millennium City IT Park, Tower - II, 3rd Floor (Unit D), DN-62, Sector-V, Salt Lake City, Kolkata-700 091
Ph. no.: +91 33 46033674, Fax: +91 33 46033677
e-mail: scu.wbisgpp@gov.in, Website: www.mls.wbprd.gov.in

6.	Total Training Cost	INR 31,21,100 (Rupees thirty one lakh twenty one thousand one hundred only) + GST at applicable rate Training cost include cost of accommodation of participants for 05 days, rent for lecture hall, fooding, training kit, training material including module & pen drive, car hiring, cost of supporting staffs banner tea, lecture fee and overhead charges.
7.	Payment	Payment will be made by Account Payee Cheque/ bank transfer on submission of your bill in duplicate along with day wise participants list and a report (with photographs) on the training. You are requested to raise your bill in favour of The Program Director, ISGP Program II, P&RD Deptt. Millennium City IT Park, Tower – II, 3rd Floor (Unit D), DN – 62, Sector – V, Salt Lake City, Kolkata-700 091. Taxes will be deducted as per applicable norms.

Further, you are requested to start the training programme in consultation with Shri Anshuman Pal, Capacity Building Manager (Engineering), ISGP Program II and to enter the learner registration and feedback of this training to the following link.

<https://www.grm.wbprd.gov.in/StarPard/>

It is also to inform you that continuation of the training will depend on satisfactory completion of the training in previous batch/es. The dates mentioned above may be extended for unavoidable circumstances too.


Yours faithfully,

Principal
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Dy. Program Director,
ISGPP II, P&RD Department,
Govt. of West Bengal

Tentative Training Schedule (29th October 2018 to 25th January 2019)

Sl. No.	Date
1	29 th Oct- 2 nd Nov
2	12 th Nov-16 th Nov X
3	19 th Nov-23 th Nov X
4	26 th Nov- 30 th Nov X
5	3 rd Dec- 7 th Dec ✓
6	10 th Dec- 14 th Dec ✓
7	17 th Dec- 21 st Dec ✓
8	7 th Jan- 11 th Jan ✓
9	14 th Jan-18 th Jan ✓
10	21 st Jan- 25 th Jan


 31/1/18
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Dr. Biman Mukherjee
 Professor & HOD Civil
 Narula Institute of Technology
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Institutional Strengthening of Gram Panchayats (ISGP) Program-II
Panchayats & Rural Development Department
Government of West Bengal

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Ph. no.: +91 33 2367-1461/6724, Fax: +91 33 2367-2584
e-mail: scu.wbisgpp@gov.in, Website: www.mis.wbprd.gov.in

No. 1153/ISGPP/CB-9/2017

Date: 09.08.2018

From:
Soumya Purkait
Special Secretary to the Government of West Bengal and
Programme Director, ISGPP II

To:
The Principal
Narula Institute of Technology
JIS Group, Agarpara

Subject: Request to Organize Training of Nirman Sahayaks from Gram Panchayats and Block level Junior Engineer on Rural Engineering Issues.

Sir,

Under ISGPP-II, a demand-driven, focused and comprehensive approach to formal learning and training has been adopted. After analyzing the identified issues of the district level training plans which were consolidated from the district level Training Need Assessment (TNA) reports, Training of Nirman Sahayak (NS) and Junior Engineer (JE) on rural Engineering issues have been prioritized and considered for organizing in 2017-18 FY. In the phase-I training programme, 1800 number of Nirman Sahayaks had already been trained in different institutes. Now, we are planned for the rest 1000 number of NS and 600 number of block level JE. As it has been decided that the hardcore technical trainings would be conducted by hiring the eminent technical institutes of West Bengal, you are considered for imparting the training of the NS of various Gram Panchayats and block level JE of West Bengal.

The training has been conceptualized as 5 days residential training where different technical issues related to implementation of infrastructural rural development schemes through Panchayat & Rural development Department would be imparted along with basic civil engineering issues. The entire course should be designed by the institute and a detail course material should be provided to each of the participants along with training kit (Pen, Pad, Folder etc.). The Food & accommodation logistics should be arranged by the concerned institute along with any other arrangements related to organize the training sessions.

Hence, you are requested to submit a tentative budget on per participant basis inclusive of the cost of food, accommodation, training kit etc. Further, also let us know how many training batches you intend to organize considering 200 trainee (approximately). The draft training design and course content are attached herewith as annexure. Please note that, you have to submit the name & details of the resource persons including educational qualification those who will be imparting the trainings. Looking forward to a quick response, preferably within 10 days.

Yours faithfully,

Soumya Purkait

[Signature]

Principal
Narula Institute of Technology
81, Nilgiri Road, Agarpara
Kolkata-700 109

(Soumya Purkait)

Annexure-1: Draft Training Design of Nirman Shavak of Gram Panchayat

Date: _____
 Venue: _____

Time	Subject	Methodology	Resource Persons
1st Day			
10.00 am – 10.10 am	Inauguration		Shri Soumya Purkait, Program Director, ISGPP- II & SS, P & RD
10.10 am – 10.25 am	Introduction of the Participants		
10.25 am – 10.30 am	Objective of the training	Discussion	
10.30 am – 1.15 pm	Soil mechanics Bearing capacity Soil testing	Presentation & Discussion	
1.15 pm – 2.15 pm	Lunch		
2.15 pm – 5.30 pm	Foundation Engineering	Presentation & Discussion	
5.30 pm – 6.30 pm	Renewable energy like Solar light	Audio visual presentation	
2nd Day			
10 am – 11.30 am	Construction Materials & concrete technology Testing		
11.30 am – 1.30 pm	Building construction including design criteria	Presentation & Discussion	
1.30 pm – 2.30 pm	Lunch		
2.30 pm – 4.30 pm	Design of Concrete Structures (slab, beam, column, footing)	Presentation & Discussion	
4.30 pm – 6.30 pm	Design of Steel Structures	Presentation & Discussion	
3rd Day			
10 am – 11.30 pm	Rural road construction materials		
11.30 am – 1.30 pm	Design of rural road construction	Presentation & Discussion	
1.30 pm – 2.30 pm	Lunch		
2.30 pm – 3.30 pm	Rural Pavements design	Presentation & Discussion	
3.30 pm – 6.30 pm	Cross drainage works in road construction like minor bridge and culvert	Presentation, & Discussion	


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4th Day			
10 am – 12.00 am	Rural drinking Water treatment and water quality monitoring		
12.00 am – 1.30 pm	Environmental Engineering Rain water harvesting	Presentation & Discussion	
1.30 pm – 2.30 pm	Lunch		
2.30 pm – 3.30 am	Design & Estimation of Check dam construction	Discussion	
3.30 pm – 5.30pm	Rural Sewage water treatment	Presentation & Discussion	
5.30 pm - 6.30 pm	Rural Solid waste management	Presentation & Discussion	
5th Day			
10 am – 12.00 am	Estimation and costing	Presentation & Discussion	
12.00 am – 1.30 pm	Surveying	Presentation & Discussion	
1.30 pm – 2.30 pm		Lunch	
2.30 pm – 3.30 am	Construction planning and Management	Presentation & Discussion	
3.30 pm – 5.30pm	Geographical Information System (GIS) for GP	Presentation & Discussion	
	Feedback & Vote of Thanks		

Annexure-2: Draft Course Content for Nirman Sahayak Training

Section 1: Construction Materials and Management:

Construction Materials: Structural steel - composition, material properties and behaviour; Concrete – constituents (cement, aggregate, admixture), mix design, short-term and long-term properties; Bricks and mortar; Timber; Bituminous materials; alternative materials for making concrete and pozzolanas. **Construction Management:** Types of construction projects; Tendering and construction contracts; Rate analysis and standard specifications; Cost estimation; Project planning and network analysis - PERT and CPM.

Concrete Structures: Working stress, Limit state and Ultimate load design concepts; Design of beams, slabs, columns; Bond and development length; Prestressed concrete; Analysis of beam sections at transfer and service loads.


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SPFU-WB

STATE PROJECT FACILITATION UNIT, WEST BENGAL

(A Govt. of West Bengal Unit for World Bank Assisted Project for Technical Education)
Dept. of Higher Education, Bikash Bhavan, 6th Floor, Salt Lake, Kolkata-700 091.
Phone: (033) 2358-8246/ 8252; Fax: (033) 2358-8253.

Memo.No.SPFU/WB/2011/47(11)

Dated : 26th July , 2011.

From : Dr. S. Dasgupta,
Head, State Project Facilitation Unit, West Bengal
& Director of Technical Education, West Bengal.

To : All Programme Institutions (Under Sub-Component I.1)


Sub: **TEQIP II** - Requirements before initiation of the Project.

Sir,

As you are aware, BOG of the Institute is at the helm of the institutional implementation arrangement for TEQIP-II, and as such it is primarily responsible for smooth, cost effective and timely implementation of the institutional project. All policy decisions regarding project implementation will have to be taken by the BOG of the Institutes. It is, therefore, essential that all members of the BOG shall remain well acquainted with the project concept as well as institutional preparedness for its successful implementation. SPFU also wants to ensure that institutional implementation arrangement as per PIP is in place.

I am, therefore, directed to inform you that after signing the MOU and before releasing the fund each programme institute must fulfill the following compulsory requirements :

- (1) Emergency Governing Body meeting has to be convened on single agenda 'TEQIP II' within 7 days from the date of signing the MOU. In the meeting necessary conditions are to be satisfied as stated hereunder :
 - Presence of all members in the newly constituted Governing Body as per AICTE/UGC guidelines, already confirmed by the institutions.
 - Presence of all Project Management Unit (PMU) members in the GB as invitee.


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The coordinator (PIU) will have to present a report on the project objective, action plan, committed outputs, outcomes, performance based funding, key performance indicators and synopsis of IDP.

All members of GB must certify that they have understood the concept of the project and the detail execution Methodology as per IDP.

A videography of the entire meeting to be recorded and the same to be forwarded to SPIU along with the proceedings of the meeting by 4th August 2011.

- (2) Outputs/deliverables to be achieved in each quarter during the project period to be stated for 1st year from commencement of Project as per the declaration made in the IDP and in line with KPI. These statements are also to be forwarded to SPIU by 4th August, 2011.

Kindly note that release of first instalment of fund will start after satisfactory compliance of the above requirements.

Thanking you.

Yours sincerely,

(Dr. S. Dasgupta)

04/08/2011



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Minutes of the Fifth National Steering Committee (NSC) meeting held on 29th June 2011 at MHRD on Technical Education Quality Improvement Programme (TEQIP) Phase-II.

Secretary (Higher Education) welcomed all the participants to the meeting (the list of participants is annexed). Special Secretary & National Project Director made a brief presentation on the decisions taken in the 4th NSC meeting and the progress made so far in the process of selection of institutions under Sub-components 1.1 and 1.2.

Agenda Item No. 1: Confirmation of the minutes of the Fourth Meeting of NSC held on 4th February 2011.

Since no comments were made/received from the Members of the NSC the Minutes of the fourth meeting of NSC were confirmed.

Agenda Item No. 2: Action Taken Report (ATR) on the minutes of the Fourth NSC meeting.

Actions taken on the minutes of fourth NSC meeting were discussed and approved.

Agenda item no.3: Selection of State Government / State Government Aided and Centrally Funded institutions under Sub-component 1.1 :

A total of 98 Institutional Eligibility Proposals (IEPs) were received in the month of August 2010. The list is attached as Annex-I.

Out of 98 IEPs (State 89, CFI 9), National Evaluation Committee (NEC) found 13 proposals as ineligible as they fell short of requirements of minimum age of institution and number of programs conducted. 60 institutions were found partially eligible and remaining 25 fully eligible. The fully eligible 25 institutions were invited to submit their IDP by 6th December 2010.

To increase the participation of Govt./Govt. aided institutions and CFIs, the partially eligible institutions were also permitted to submit their IDPs. However, only 59 institutions were invited to submit their IDPs for which the commitment of the State Government for co-sponsorship was received, through SPFUs to NPIU by 6th December 2010 and were given time up to 31st March 2011 to improve compliance with the eligibility conditions of faculty requirement and BoG as per direction of 2nd NSC meeting. Out of the 84 (59+25) invited institutions, the NPIU received only 79 proposals. The National Steering Committee (NSC) in its 4th meeting held on 4th February 2011 had approved the detailed-out eligibility criteria and extended the deadline for improving compliance with the faculty and BoG conditions from 31st March 2011 to 30th April 2011.

In March/April 2011, based on the detailed-out eligibility criteria approved in 4th NSC meeting, NPIU scrutinized the eligibility of the 79 institutions and found 5 more institutions to be ineligible and 74 eligible.



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Kolkata - 700 014

These eligible 74 Govt /Govt. aided institutions were advised to submit the proof of compliance with respect to BoG and faculty strength supported by necessary documents and the revised IDP by the above mentioned deadline of 30th April 2011. Further, the SPFUs were requested to authenticate the improved compliance by institutions and to also provide a letter of commitment to release the required matching grant to each of the institutions.

On due date, NPIU received the responses from 73 Govt /Govt. aided Institutions (Annex-II) as recommended by the respective State Steering Committees (SSCs). The improved compliance reports as received from 73 institutions were further scrutinized during May/June 2011 for ascertaining the compliance with the faculty and BoG eligibility conditions. Of the 73, 70 proposals (Sr No 1 to 70 Annex II) were found fully compliant and hence were eligible for IDP evaluation.


Each of the 70 eligible IDPs was evaluated by 3 independent evaluators during the 2nd week of June 2011 and their marks were averaged out to arrive at a final score. The results of evaluation are summarized below.

Out of the eligible 70 Govt. / Govt. aided Institutions:-

- (i) 50 Institutions are recommended for selection. (Sr No 1 to 50 of Annex-II)
- (ii) 08 Institutions are recommended for selection subject to submission of improved IDP due to a low quality of proposal; out of which 03 institutions are also required to meet the eligibility criteria w.r.t BoG composition by 31st October 2011. (Sr No 51 to 58 of Annex-II)
- (iii) 12 Institutions are recommended for provisional selection subject to compliance of the eligibility criteria w.r.t BoG composition by 31st October 2011. (Sr No 59 to 70 of Annex-II).

The NSC observed the above described selection process and accorded approval for:-

- (i) The selection of Government and Government aided institutions under Sub-component 1.1 as mentioned above.
- (ii) To commence the project in the recommended 50 governments and government aided institutions as listed from Sr No 1 to 50 in Annex-II on successful signing of MoU between Government of India and State Government and also between State Government and selected institutions.
- (iii) Submission of improved IDPs from the 08 Institutions as listed at Sr No 51 to 58 in Annex-II to their respective SPFU by 31st August 2011. Further, the Committee authorized the NPD (TEQIP) to approve the results of the improved IDPs and fulfillment of eligibility criteria and report the matter before next NSC meeting.
- (iv) The Committee authorized the NPD (TEQIP) to approve selection of 12 Govt. and Govt. aided institutions as listed from Sr No 59 to 70 in Annex-II upon fulfillment of eligibility criteria in terms of BOG constitution.


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Agenda item no.4: Selection of Private unaided institutions under Sub-component 1.1

A total of 263 Institutional Eligibility Proposals were received from Private Unaided Institutions (PUI) in the month of August 2010. The list is attached as Annex-III. Out of these 263 IEPs, National Evaluation Committee (NEC) found that only 36 Private unaided institutions were fully eligible and 227 institutions were in-eligible due to not fulfillment of eligibility criteria. The fully eligible 36 institutions were invited to submit their IDP by 6th December 2010. NPIU received IDPs from 35 PUI.

The in-eligible Private Unaided Institutions requested to be given time to comply with the eligibility conditions. In the 4th NSC meeting, it was decided that all those private unaided institutions that have submitted IEP, already have a BoG and meet the bench marks for agreement to implement institutional reforms, age of institution, minimum number of programmes and the faculty strength, be invited to submit their IDP in two parts:-

Part-1 : The BoG composition duly authenticated by the SPFU.

Part-2: The Institutional Development Proposal (IDP) in the format as prescribed in Project Implementation Plan (PIP).

The institutions that had already submitted IDPs were also allowed to revise their proposals, BoG composition and re-submit by 30th April 2011 to SPFUs as per decision of 4th NSC.

Based on the detailed-out eligibility criteria approved in the 4th NSC meeting, NPIU scrutinized the eligibility of institutions in March/April 2011 and invited 199 (against 263) Private Unaided Institutions to submit Institutional Development Proposals along with the BoG composition and information on faculty strength in Part-I to SPFU by 30th April 2011 and from SPFUs to NPIU by 20th May 2011.


In response, NPIU received 163 IDPs from the private unaided institutions (against 199) as recommended by the respective State Steering Committees (SSCs) by the due date of the 20th May 2011.

During May / June 2011, each proposal was checked for compliance of the BoG composition and faculty strength. Though all the 163 institutions fulfilled the BoG composition, 40 institutions did not fulfill the faculty strength requirement as per AICTE approved norms. As a result, out of 163, only 123 Private unaided institutions were found eligible for IDP evaluation.

As in the case of Government and Government aided institutions, all the eligible IDPs were evaluated during 2nd week of June 2011 by the National Evaluation Committee by 3 independent evaluators each and their marks were averaged out to arrive at a final score.

As per Project Implementation Plan (PIP), there is a provision for only 20 Private Unaided Institutions under subcomponent 1.1. The NSC members debated at length the various scenarios in this respect and finally concluded and approved a judicious match of merit and equity. Under this, it was decided to approve the first 20 institutions purely on merit and then 5 more supernumerary vacancies which would cover the left out participating and eligible states. (One institution each from each state based on state merit)

3


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This increase of 5 institutions is justifiable as Project Appraisal Document of The World Bank envisages up to 20% participation of Private Unaided Institutions. Keeping in view the 15 seats envisages under subcomponent 1.2, for PUI, the figure of 40 corresponds to 20% of 200 institutions to be covered in all. (The list of 25 institutions is placed at Annex IV)

- NSC accorded approval to commence the project in the recommended 25 Private unaided institutions on successful signing of MoU between Government of India and State Government and also between State Government and selected institutions.

Agenda item no. 5: Selection of institutions under Sub-component 1.2:-

a) Selection of Government / Government aided Institutions:-


A total of 94 IDPs [76 from Govt./Govt. aided and 18 from Centrally Funded Institutions] were received and evaluated. The list is attached as Annex-V.

The evaluation was approved in the 2nd NSC meeting. It selected 21 eligible Govt./Govt. aided institutions and gave further time to the 73 in-eligible Govt./Govt. aided institutions to comply with the eligibility criteria and also to improve the quality of Institutional Development Proposals (IDPs).

In the 4th NSC meeting, the eligibility criteria were detailed-out for (i) faculty strength (ii) percentage of faculty with PhD in Engineering and, (iii) the BoG composition. Further, the NSC also decided to give time to the 73 institutions up to 30th June 2011 to comply with the eligibility conditions. The NSC further decided that the institutions that are already autonomous and meet all the eligibility criteria, the Project will begin in March 2011 with the signing of MoU and subsequent release of funds. As and when other institutions meet the criteria (not beyond 30th June 2011) and become autonomous, MoU would be signed and funds would be released.

The progress as on 2nd week of June 2011 is as follows:-

- i. 14 Institutions have signed the MoU and the funds have also been released. Sr No 1 to 14 of Annex-V.
- ii. 27 Institutions became eligible for signing of MoU. Sr No 15 to 41 of Annex-V.
- iii. 45 Institutions are required to submit the compliance of eligibility by 30th June 2011. Sr No 42 to 86 of Annex-V.
- iv. 02 Autonomous institutions are required to submit compliance with the condition of BoG composition by 31st October 2011. Sr No 87 to 88 of Annex-V.
- v. 03 Institutions are not likely to meet the eligibility criteria. Sr No 89 to 91 of Annex-V.
- vi. 03 Institutions have not been sponsored by their respective State Governments. Sr No 92 to 94 of Annex-V.


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b) Selection of Private unaided Institutions:-

Out of 36 received IDPs, 05 IDPs were not considered for participation due to unwillingness of the concerned State Government to co-sponsor Private Unaided Institutions and out of remaining 31 IDPs, the top-15 Private Unaided Institutions were asked to fulfill compliance of eligibility criteria by 30th June 2011. Latest position is as given below.

- (i) 08 Institutions are eligible for signing of MoU. (Sr.No 1,2,4,5,6,7,8,12) at Annex-VI
- (ii) 07 Institutions are required to submit compliance of eligibility by 30th June 2011 (Sr No. 3,9,10,11,13,14,15) at Annex-VI.

Both Govt./Govt. aided and Private unaided institutions have requested a grace period of minimum of 2 months beyond 30th June 2011 to comply with the eligibility conditions.

The Committee after careful consideration approved:-


- (i) Extension of the deadline for compliance of eligibility criteria up to 31st August 2011 to the above institutions.
- (ii) The Committee authorized the NPD (TEQIP) to approve institutions on their successful compliance with the eligibility criteria by 31st August, 2011

Agenda item no.6: Increasing the number of Govt./Govt. aided institutions under Sub-component 1.2

As per the Project Implementation Plan (PIP), 120 Governments and Government aided institutions are to be selected under sub component 1.1. It is estimated that maximum of only 70 Govt. and Govt. aided institutions would be possible to be included in the Project, leaving a balance of Rs. 500 crore unallocated funds corresponding to 50 institutional vacancies.

Under Sub-component 1.2, 60 institutions are to be selected. For utilization of the uncommitted funds, it was decided to convert some of the institutional vacancies under Sub-component 1.1 to an additional 15 Govt. and Govt. aided institutions under Sub-component 1.2 increasing the total number of institutions under sub-component 1.2 from 60 to 75.

Special Secretary informed the committee that all the Govt./Govt. aided institutions which could not be covered under Sub-component 1.1, have an opportunity for receiving financial assistance from the MHRD, Government of India under a scheme meant for base level Engineering institutions, namely "Expansion and up gradation of 200 State Engineering Institutions", in the financial year 2011-12.


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Special Secretary also informed that after completion of selection process under Sub component 1.1 and 1.2, second round of selection of institutes would be taken up under sub component 1.1 for Govt. and Govt. aided institutions. Under subcomponent 1.2 there are sufficient valid applications even in the government sector. For this workshops would be conducted for awareness about the project and its eligibility requirement.

Committee approved:-

- (i) Increase in the number of institutions under sub component from 60 to 75.
- (ii) To start second round of selection under sub component 1.1 for government and government aided institutions for about 30-40 institutions.

Agenda item no.7: Revision of the Key Performance Indicator (KPI) Targets with respect to faculty positions filled under Sub-Component 1.1 and 1.2 for Private unaided institutions

As per the 4th NSC Meeting decisions, the Private Unaided institutions under Sub-Component 1.1 & 1.2 need to have the faculty as per AICTE approved norms out of which 50% faculty should be on regular appointment under Sub-Component 1.1 & 65% faculty should be on regular appointment under Sub-Component 1.2. Accordingly, the KPI targets with respect to faculty position filled under Sub-component 1.1 and 1.2 for Private unaided institutions need to be changed from 80% within 2 years of project start and 90% to be achieved by end of the project to 100% from the beginning of the project and hence following is suggested for Private unaided institutions.

Indicators	Sub-Component 1.1		Sub-Component 1.2	
	Existing values	Target values	Existing values	Target values
Faculty position filled (i) <u>For Private unaided institutions</u>	80% (with at least 60% on regular appointment and remaining on 11 months or longer contracts) (*)	100% (with at least 60% on regular appointment and remaining on 11 months or longer contracts) (*)	80% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (*)	100% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (*)
	90% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (**)	100% (with at least 70% on regular appointment and remaining on 11 months or longer contracts) (**)	90% (with at least 75% on regular appointment and remaining on 11 months or longer contracts) (**)	100% (with at least 75% on regular appointment and remaining on 11 months or longer contracts) (**)

* within 2 years of Project start

** to be achieved by Project closure

The Committee approved the revised Key Performance Indicator (KPI) targets with respect to faculty positions filled/to be filled under Sub-component 1.1 and 1.2 by Private unaided institutions.



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Agenda item no. 8: Time lines for project commencement under Sub component 1.1

Sr. No	Activities	Time line
1	Declaration of selection of institutions under sub component 1.1	Mid July 2011
2	Signing of MoU by States with the selected Institutions and commencement of Project	31 st July 2011
3	Submission of improved IDPs from the 08 institutions under sub component 1.1	31 st August 2011
4	Compliance of eligibility criteria of institutions under sub component 1.2	31 st August 2011
5	To comply with the condition that the Chairperson of BoG is an eminent educationist/industrialist rather than a peoples' representative or a serving government official for government and government aided institutions.	31 st October 2011

The Committee accorded the approval.

Agenda item no. 9: Any other business with the permission of the Chair

(i) Nomination of four Chairpersons of the State Steering Committee (SSC) in annual rotation:

It was informed that in the composition of NSC, the nomination of four State Steering Committee (SSC) Chairpersons is on annual rotation. The one year term of the current Chairpersons from Uttar Pradesh, West Bengal, Karnataka and Maharashtra expires in June 2011. The NSC unanimously co-opted the membership of Uttarakhand, Odisha, Kerala and Rajasthan and requested the MHRD to formally notify the same.


(ii) The request from State of Uttar Pradesh:

The Special Secretary (Vocational & Technical Education), Uttar Pradesh requested to consider the IDPs under Sub-component 1.1 which were delivered to NPIU on 16th June 2011 (i.e after the last date of 20th May 2011).

It was explained that the IDPs received beyond the last date of 20th May 2011 cannot be considered.

(iii) Integration of Financial Management Information System (e-FMR) in the Academic MIS:

Online submission of e-FMR is proposed to replace the manual submission of Financial Management Reports by the project institutions. The e-FMR system has been developed by NITK, Surathakal for the Project. The institution was approached to maintain and host the application for the duration of the Project. However, due to non-availability of required manpower, NITK has expressed its inability to take up the responsibility.


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In view of the above, the possibility of integrating the e-FMR with academic MIS was discussed with M/s Core Technologies Ltd (responsible for developing the academic MIS) who has agreed to take up the suggested task of enhancement, integration and maintenance of software.

NSC accorded the 'In-principle' approval to integrate the eFMR with the academic MIS after following the due and necessary procedures in consultation with the World Bank.

The meeting ended with a Vote of thanks to the Chair.



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Annex

List of participants for 5th National Steering Committee Meeting held on 29th June 2011

S.No.	Name & Designation
1	Ms. Vibha Puri Das, IAS, Secretary, Higher Education, MHRD, New Delhi
2	Sh. Ashok Thakur, IAS, Special Secretary (T.E) & NPD (TEQIP), MHRD, New Delhi
3	Ms. Vandana Gurnani, IAS, Resident Commissioner, Govt. of Karnataka
4	Prof. S.S. Mantha, Chairman (Acting), AICTE, New Delhi
5	Sh. Ram Ganesh, Special Secretary (V & TE), Uttar Pradesh
6	Sh. Pravin L. Agrawal, Director (Mgmt.), MHRD, New Delhi
7	Sh. Navin Soi, Director (Finance), MHRD, New Delhi
8	Dr. A. Mukhopadhyay, Advisor, Department of Science & Technology, New Delhi
9	Prof. Sandeep Sancheti, Director, NITK Surathkal
10	Ms. Shalini S. Sharma, Head, Higher Education, CII, New Delhi
11	Sh. H. U. Talawar, Director (TE), Karnataka
12	Dr. Abhay Wagh, Deputy Secretary (TE), Maharashtra
13	Sh. S. K. Mohanty, Under Secretary (Mgmt.), MHRD, New Delhi
14	Prof. A U Digraskar, Central Project Advisor, NPIU, Noida



Principal
Narendra Institute of Technology
81, Naganj Road, Agarpara
Kolkata-700 106

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP) PHASE-II

Private unaided Institutions shortlisted under Sub-component 1.1
(arranged in the alphabetic order)

S. No.	Name of the State	Institute Registration No.	Name of the Institution
1	Andhra Pradesh	AP-PU-04/88	Aditya Institute of Technology & Management, Tekkali
2		AP-PU-09/88	Anurag Engineering College, Nalgonda
3		AP-PU-12/88	Aurora's Scientific Technological & Research Academy, Hyderabad
4		AP-PU-21/88	Chaitanya Bharthi Institute of Technology, Gandipet
5		AP-PU-29/88	Gokaraju Ranga Raju Institute of Engineering & Technology, Hyderabad
6		AP-PU-40/88	Madanapalle Institute of Technology & Science, Madanapalli
7		AP-PU-44/88	Mallareddy Engineering College, Hyderabad
8		AP-PU-50/88	Nizam Institute of Engineering & Technology, Nalgonda
9		AP-PU-64/88	Shri Vishnu Engineering College for women, Bhimavaram
10		AP-PU-68/88	Sree Vidyanikethan Engineering College, Chittur
11		AP-PU-81/88	Vasavi College of Engineering, Hyderabad
12		AP-PU-79/88	VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad
13	CHHATTISGARH	CHH-PU-4/5	Rungta College of Engineering & Technology, Raipur
14	HARYANA	HA-PU-7/14	N.C College of Engineering, Panipat
15	JHARKHAND	JH-PU-1/2	Cambridge Institute of Technology, Ranchi
16	KARNATAKA	KA-PU-17/41	NITTE Meenakshi Institute of Technology, Bangalore
17	MADHYA PRADESH	MP-PU-04/06	Sagar Institute of Research & Technology, Bhopal
18	MAHARASHTRA	MH-PU-07/31	Bhartiya Vidyapeeth University, College of Engineering, Pune
19		MH-PU-27/31	STES's Sinhgad College of Engineering, Pune
20	PUNJAB	PB-PU-10/22	Chandigarh Engineering College, Mohali
21	RAJASTHAN	RJ-PU-8/11	Institute of Engineering & Technology, Alwar
22	UTTAR PRADESH	UP-PU-13/20	College of Engineering & Technology, Moradabad
23	WEST BENGAL	WB-PU-11/25	Heritage Institute of Technology, Kolkata
24		WB-PU-9/25	M.C.K.V Institute of Technology, Howrah
25		WB-PU-17/25	Narula Institute of Technology, Parganas
Total No. of Institutions (25)			


Principal
Narula Institute of Technology
81, Nilganj Road, Agarpara
Kolkata-700 105



Drop
A/c
Jr 7/6

Principal nit <principal_nit@jisgroup.org>

release of 2nd installment of Project Fund.

1 message

State Project Facilitation Uni <spfu_wb@yahoo.co.in>


Wed, Jun 26, 2013 at 3:24 PM

To: PRINCIPAL - NARULA INSTITUTE OF TECHNOLOGY <principal_nit@jisgroup.org>

Cc: TEQIP COORDINATOR - Narula Institute Of Technology <subhram.das@nit.ac.in>

Kindly find attached herewith the letter regarding release of 2nd installment of Project Fund.

--SPFU-WB

 To NIT-Release of 2nd instalment of Project Fund (26.06.2013).doc
33K

Principal
Narula Institute of Technology
81, Nilgiri Road, Agarpara
Kolkata-700 100

STATE PROJECT FACILITATION UNIT, WEST BENGAL

(A Govt. of West Bengal Unit for World Bank Assisted Project for Technical Education)
 Dept. of Higher Education, Bikash Bhavan, 6th Floor, Salt Lake, Kolkata-700 091.
 Phone: (033) 2358-8246/ 8252. Fax (033) 2358-8253. E-mail: spfu_wb@yahoo.co.in.

Memo No. SPFU/WB/2013/181

Dated: 26.06.2013

From: Dr. S. Dasgupta

Head, SPFU-WB & Director of Technical Education
 Govt. of West Bengal

To: The Principal,

Narula Institute of Technology

Sub: Release of 2nd installment of fund to the institutes

Sir,

In connection with implementation of TEQIP II, 2nd installment of fund has been released vide memo number 54(Sanc)/EH/P/SPFU/WB/2011/08 dt. 29.05.2013 of Department of Higher Education (Technical Branch), Govt. of West Bengal, in favor of following institutes :


Sl. No.	Category	Institute	Reg. Number	Central Share (Rs. in Lakh)	State Share (Rs. in Lakh)	Total (Rs. in Lakh)
1	Sub-component I	Narula Institute of Technology	WB PU 17/25	60.00	20.00	80.00

You are requested to collect the cheque of Rs. 80.00 Lakh (Total Central Share and State Share) with proper Authorization and Money Receipt.

Thanking you

Yours faithfully


(Dr. S. Dasgupta)


 Principal
 Narula Institute of Technology
 81, Midganj Road, Agarpara
 Kolkata-700 108

Copy forwarded for information to :

- (1) **Shri T. K. Bandyopadhyay**, Advisor, Finance, SPFU-WB
- (2) **Smt. S. Guha**, Accounts Officer, SPFU-WB

(Dr. S. Dasgupta)


Principal
National Institute of Technology
81, NITDA Road, Agartala
Kolkata-700 109

SPFU-WB

STATE PROJECT FACILITATION UNIT, WEST BENGAL

(A Govt. of West Bengal Unit for World Bank Assisted Project for Technical Education)

Dept. of Higher Education, Bikash Bhavan, 6th Floor, Salt Lake, Kolkata-700 091.

Phone: (033) 2358-8246/ 8252; Fax: (033) 2358-8253.

Memo.No.SPFU/WB/2011/47(11)

Dated : 26th July , 2011.

From : Dr. S. Dasgupta,
Head, State Project Facilitation Unit, West Bengal
& Director of Technical Education, West Bengal.

To : All Programme Institutions (Under Sub-Component 1.1)

Sub: TEQIP II – Requirements before initiation of the Project.

Sir,

As you are aware, BOG of the Institute is at the helm of the institutional implementation arrangement for TEQIP-II, and as such it is primarily responsible for smooth, cost effective and timely implementation of the institutional project. All policy decisions regarding project implementation will have to be taken by the BOG of the Institutes. It is, therefore, essential that all members of the BOG shall remain well acquainted with the project concept as well as institutional preparedness for its successful implementation. SPFU also wants to ensure that institutional implementation arrangement as per PIP is in place.

I am, therefore directed to inform you that after signing the MOU and before releasing the fund each programme institute must fulfill the following compulsory requirements :

- (1) Emergency Governing Body meeting has to be convened on single agenda 'TEQIP II' within 7 days from the date of signing the MOU. In the meeting necessary conditions are to be satisfied as stated hereunder :
 - Presence of all members in the newly constituted Governing Body as per AICTE/UGC guidelines, already confirmed by the institutions.
 - Presence of all Project Management Unit (PMU) members in the GB as invitee.



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Kolkata-700 106

The Coordinator-PMU will give a power point presentation in GB concerning the project objective, action plan, committed outputs / outcomes, performance based funding, key performance indicators and synopsis of IDP.

- All members of GB must certify that they have understood the concept of the project and the detail execution Methodology as per IDP.

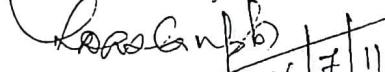
A vidiography of the entire meeting to be recorded and the same to be forwarded to SPFU along with the proceedings of the meeting by 4th August, 2011.

- (2) Outputs / deliverables to be achieved in each quarter during the project period to be stated for 1st year from commencement of Project as per the declaration made in the IDP and in line with KPI. These statements are also to be forwarded to SPFU by 4th August, 2011.

Kindly note that release of first instalment of fund will start after satisfactory compliance of the above requirements.

Thanking you,

Yours sincerely,


(Dr. S. Dasgupta) 26/7/11

04/08/2011


Principal
Nanda Institute of Technology
81, Nityanj Road, Agarpara
Kolkata-700 108

Government of West Bengal
Department of Higher Education
Technical Branch
Bikash Bhavan, Salt Lake, Kolkata - 91

No. 687-Edn(T)

Dated, Kolkata, the 30th September, 2008.

From : The Special Secretary to the Govt. of West Bengal,
Higher Education Department.

To : The Accountant General, West Bengal.

Sub : Implementation of institutional reforms toward financial autonomy in Govt. Engg. & Technological Colleges in the State.

Sir,

I am directed to state that the State Govt. in the Deptt. of Higher Education vide its order No. 649-Edn(T) dated 31.10.2006 has implemented Institutional Reforms towards granting significant financial autonomy in respect of four Govt. Engg. and Technological Colleges of the State e.g., (1) Kalyani Government Engineering College, Kalyani (2) Jalpaiguri Government Engineering College, Jalpaiguri (3) Government College of Engineering & Ceramic Technology, Kolkata (4) Government College of Engineering & Textile Technology, Serampore, covered under TEQIP with a view to enabling them to enjoy significant Financial, Administrative and Managerial Autonomy in running the institutions with proper accountability in the areas of :

- 1) Granting Academic, Financial, Administrative and Managerial autonomies to the participating institutes with Accountability;
- 2) Changing pattern of non-plan funding to 'Block Grant' for the publicly funded and aided institutions;
- 3) Establishment of Corpus Fund, Staff Development Fund, Depreciation Fund and Maintenance Fund in each Programme Institutions.

Now, in order to bring the remaining two Govt. Engineering and Technology institutions in the State viz. Government College of Engineering & Leather Technology, Kolkata and Government College of Engineering & Textile Technology, Berhampore under similar dispensation in the matter of implementation of Institutional Reforms like aforesaid four Government Engineering & Technology College, the Governor is pleased to implement the aforesaid Institutional Reforms from the current financial year (2008-2009) in two aforesaid Engineering & Technology Colleges so as to enable them to enjoy significant financial, administrative and managerial autonomies in running the institutes with proper accountability.



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Kolkata-700 106

(1) Block Grant Funding

Non-plan funding pattern for non-salary items of expenditure in these two institutes have already been switched over to Block Grant funding vide Govt. order No. 686-Edn(T) dated 30th September, 2008.

(2) Retention of Tuition & Other fees

- i) These institutes are hereby authorized to prescribe Tuition fees, Development fees etc. for their own students within the parameters including upper ceiling of Tuition and other fees as may be prescribed by the Govt. from time to time on the basis of the recommendation of the Fee Structure Committee or otherwise. This would help the institutes to increase recovery of cost of education and in the long run make them self-sustaining. The revision of student's fee structure is a very sensitive issue and therefore, the institutes should execute this part carefully. Increase in existing tuition fees should be accompanied with suitable schemes of scholarships and free-ships for the weaker sections of the society to promote equity and access.
- ii) These institutes are also being allowed to retain such tuition and other fees collected from the students and utilize the same according to their own perspective plan in the manner as specified hereinafter with the approval of their respective Board of Governors (BOG).
- iii) Operation: The entire tuition fees and other fees, if any, collected from the students should be deposited in the Bank Account of the institute to be opened in terms of G.O. No. 686-Edn(T) dated 30.09.2008 for the purpose. This will, however, be accounted for separately from the normal Block Grants and other receipts by the institute from the Govt. and other sources but will be appropriately reflected in the Annual Budget (Plan and Non-plan) of the institute. All transactions out of these Receipts will be managed by the Financial Management Committee constituted in G.O. No. 686-Edn(T) dated 30th September, 2008 and will be under the overall supervision of the Board of Governors of the institute.

Utilisation

Income from tuition and other fees etc. will be utilized for institutional development relating to improvement of quality of education as per the perspective plan of Institute approved by the BOG and the State Govt. and if necessary, for meeting operational expenses within the Annual Budget of the institute that remains uncovered by the Block Grant from the Govt. with the prior approval of the Financial Management Committee and Board of Governors of the institute.

Full amount of Savings out of the tuition fees received and interest accrued thereon at the end of each financial year shall be deposited in the "Corpus Fund" and "Depreciation Fund" of the institute as prescribed hereinafter. Savings out of

Development and other fees will be invested in Corpus Fund and Staff Development Fund as specified in this order.

(3) Internal Revenue Generation (IRG)

The institutes would give greater thrust on generation of income from sources other than Tuition Fees to ensure full sustenance of reform measures

These institutes are, therefore, permitted to generate, retain and utilize revenue internally generated by the institutes through sources other than tuition fees as detailed below in order to ensure optimum utilisation of both human and physical resources available in the institute :

1. Calibration and Testing
2. Consultancy Services including projects sponsored by private or public sector industry.
3. Sponsored Research Projects.
4. Continuing Education Programme.
5. Short-term courses for target groups from organized/unorganized sector.
6. Self-financing degree programmes etc. with the approval of the competent authority.
7. Industry-Institute interaction programme ensuing mutual benefit including revenue generated activities.
8. Rational utilisation of available facilities like academic space, play ground, seminar / conference hall, equipment etc.

The above list is not exhaustive but a suggestive one since there are various other avenues to generate revenue without sacrificing the academic interest of the students and faculty in the institute which institute shall explore.

This resource generation and knowledge dissemination activities should be adequately encouraged by the institutes. The institutes should prepare at the beginning of every semester Faculty Engagement Chart which should indicate teaching commitment as well as expected involvement in the aforesaid activities. Every Faculty should furnish Faculty Achievement Chart indicating his academic achievements and resource generation activities during this period including reasons for over or under fulfillment from planned hours. Similar system may also be adopted by the institute in respect of technical and non-technical staff who will be involved in resource generation activities.

The Board of Governors of the institute, if so decides, may evolve a mechanism to give recognition to significant achievements of Faculty and Staff through financial and non-financial awards out of the institutes own resources.



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Vardaan Institute of Technology,
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Kolkata-700 100

Utilisation

To encourage the Faculty and the Staff of the Institute to be involved in IRG activities in addition to their normal academic and other duties 60% (sixty percent) of net income from each of such revenue generation activities should be given to the concerned Faculty and Staff as Incentive. The sharing percentages of the incentive amount between the Faculty and the Staff engaged in IRG activities will be guided by G.O. No. 783-Edn(T) dated 20.12.2007. Rest 40% of the net income along with interest, if any, accrued on IRG should be retained by the institute and utilized for the development of the institute in due course by way of investment in four types of funds as specified hereinafter. No part of this IRG should be used for deficit financing purposes. In respect of Sponsored Research project where element of Institutes' overhead expenditure is provided the same shall be treated as IRG and invested in four different funds. Modalities in this regard may be formulated by the institute with the approval of the BOG keeping in view the terms and conditions of the sponsoring organization.

Management

All receipts on account of these IRG activities should at first be deposited in the Institute's Bank Account opened in terms of G.O. No. 686-Edn(T) dated 30.09.2008 for the purpose. All expenses to be incurred for each individual IRG activity should be met out of this receipt. Any initial expenditure incurred for this purpose out of institutes own resources should be ploughed back out of the IRG receipt. Net income out of each individual IRG activity should be shared by the Institute, Faculty and Staff involved in the manner as indicated above.

The IRG Account for the institute as a whole including distribution of the Institute's share in four different funds should be maintained separately. This should, however, be audited by the Accountant General, West Bengal as usual as a part of the institution's Accounts and a copy of annual IRG Account with the approval of Financial Management Committee and Board of Governors should be submitted to the H.E.Deptt. & Finance Deptt. immediately after the close of the financial year.

(4) Creation of Four Types of Fund in the institution

To ensure sustainability of the reforms being implemented, the institutes are also authorized to establish following four Funds :

- I. Corpus Fund.
- II. Staff Development Fund.
- III. Depreciation Fund.
- IV. Maintenance Fund.



Principal
Harsha Institute of Technology
81, Naganj Road, Agartala
Kolkata-700 105

The creation, operation and utilisation of all these four funds will be as per the following guidelines :

1.(a) Corpus Fund :

Each institute shall establish a Corpus Fund the sources of input being :

- i) Contributions/donations/grants by
 - (a) Industry, Association, Foundation, Trusts or any other organization in India or abroad ;
 - (b) Alumni, faculty, staff, student, well-wishers of the Institute.
- ii) Matching or other grants etc. if any, sanctioned by the State Govt./Govt. of India.
- iii) Savings from Tuition Fee and interest accrued thereon.
- iv) 50% savings from Development and other fees, if any, collected from the students.
- v) 50% of Institution's share of the net income from self-financing degree programmes etc.
- vi) 50% of Institute's share of net income from Institute-Industry interaction leading to internal revenue generation activities.

(b) Operation

A separate Bank Account christened as "Corpus Fund" should be opened in any of the Scheduled Banks with the due approval of the State Govt. For remittances from abroad, if there be any, a foreign currency bank account may also be opened with the approval of the State Govt. and Reserve Bank of India. All contributions etc. from sources indicated above shall be deposited in these accounts. The funds to be accumulated in these accounts will be invested as per guidelines to be prescribed by the BOG not at variance with the State Govt.'s instructions regarding investment of public fund. The status of the Corpus Fund, including deposits, interest, assets will be appropriately reflected in the Annual Accounts of the institute. Separate Books of Accounts should be maintained for this Fund. Proposals for utilisation of the interest accruals on the Corpus Fund and income from assets, will, however, form a separate part of Annual Budget of the Institute.

(c) Utilisation

The "Corpus Fund" will be kept separate from the normal grants from the Govt. and other receipts of the institute. The Board of Governors with the approval of the State Govt. may fix up a minimum level of accumulation of fund as Corpus to the institute before reaching of which no withdrawal from this fund shall be allowed. This fund should be used for development of institute such as renewal of existing infrastructure, creation of new one etc. that are Capital expenditure in nature which are at times not covered through Govt. Funding. If necessary, a part of the interest

Principal

Nanda Institute of Technology
81, Nilgunj Road, Agartala
Kolkata-721 101

accrual may be utilized for operational expenditure of the institute as a budgeted expenditure with the approval of the BOG.

2.(i) Staff Development Fund :

A Staff Development Fund shall be established in each institute the sources of which will be :

- (1) Full amount of institutions share of net income from continuing education programme.
- (2) 50% of Institutes share of net income from self-financing degree programmes etc.
- (3) 50% of Institute's share of net income from Institute-Industry interaction relating to internal revenue generated activities.
- (4) 50% of the institutions share out of IRG from consultancy services.
- (5) Residual portion of institutions income from Development and other fees, if any.
- (6) Full amount of institute's share of net income from non-formal Networking activities.

(ii) Operation

A separate Bank account in the name of "Staff Development Fund" shall be opened in any scheduled bank with the due approval of the State Govt. Amount to be accumulated in this Fund may be invested as per guidelines to be prescribed by the BOG from time to time in the manner as indicated above. Accumulation in this Fund, interest accrued thereon and investment made out of this fund will form a part of Annual Accounts of the Institute for which separate Books of Accounts should be maintained. Utilisation of this Fund as approved by the BOG shall be appropriately reflected in the Annual Budget.

(iii) Utilisation

This Fund will be utilized for critical Staff Development activities including Faculty and Staff upgradation not covered by Govt. Grant and as may be specified by the Board of Governors of the institute.

3. Depreciation Fund

- (a) A Depreciation Fund should be maintained by each institute with :
- i) 25% of the institutions share of net income from consultancy services
 - ii) Upto 50% of the Internal Revenue generated by rational utilisation of available facilities like academic space, play ground, seminar, Conference Hall, equipment etc.


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Kolkata-700 106

- (b) Operation

(c) Utilisation

4. Maintenance Fund

- The BOG of the institute may also consider depositing a fixed percentage of the non-plan Budget of the institute keeping last three years average expenditure on "Maintenance".

- (b) Operation

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National Institute of Technology
81, Midgan Road, Agartala
Kolkata-721 015

(c) Utilisation

This fund is meant for usual and regular maintenance of Equipment & Facilities of the Institute. Details norms of utilisation will be as decided by the BOG of the institute.

5. I am further to state that :

- (1) Accumulation in these four funds including interest accrued on the deposits should be used only with specific approval of the State Government since these funds are aimed to make the institute sustainable in due course ;
 - (2) All Bank interest accrued on Block Grant and other receipts shall be invested in the Corpus Fund ;
 - (3) No element of Plan Fund received from the Govt. should go to these Four Funds.
 - (4) Percentage of deposit from different IRG activities to these four funds as indicated above are suggestive and actual percentage will be decided by the BOG of the institute. Such percentages in respect of IRG activities not indicated in this order will also be fixed by the BOG.
 - (5) The entire financial transaction of the institute including those contained in this order shall be managed by the Financial Management Committee under the supervision of the Board of Governors of the institute and shall be subject to statutory audit by the A.G.,W.B.
 - (6) The Drawing & Disbursing Officer of the institute will also be the D.D.O. in respect of all these funds.
6. The BOG of the institute is also hereby authorized to frame operational Regulations in respect of implementation of the reforms including the Four Funds to be established in the institute with the approval of the State Govt.
7. This issues with the approval of the Finance Deptt. vide Group 'N' U.O. No.0921 dated 24.07.2008 and with the approval of the Cabinet.

Yours faithfully,

Sd/- S. Roy.

Special Secretary to the
Govt. of West Bengal




Principal
Narendra Institute of Technology
61, Nigunji Road, Agarpara
Kolkata-700 106


No. 687/1(23)-Edn(T)

Dated, Kolkata, the 30th September, 2008

Copy forwarded for information and necessary action to :-

- 1) The Pay & Accounts Officer, Kolkata Pay & Accounts Office.
- 2) The Treasury Officer, Berhampore, Murshidabad.
- 3) The Treasury Officer, Bidhannagar Treasury, Jalasampad Bhavan, Salt Lake, Kolkata-700 091.
- 4) The Accountant General, West Bengal (Audit-I).
- 5) The Accountant General, West Bengal (Audit-II)
- 6) Principal, Govt. College of Engg. & Leather Technology, Kolkata.
- 7) Principal, Govt. College of Engg. & Textile Technology, Berhampore.
- 8) The Chairman of the Board of Governors, Govt. College of Engg. & Leather Technology, Kolkata.
- 9) The Chairman of the Board of Governors, Govt. College of Engg. & Textile Technology, Berhampore.
- 10) The Principal Secretary, Finance Deptt.
- 11) Finance Deptt., Group 'B', Bikash Bhawan.
- 12) Finance Deptt., Group 'N'.
- 13) Budget Branch, Higher Education Deptt.
- 14) Higher Education Deptt., Technical Education Branch.
- 15) Shri K.K. Pal, IAS, Special Secretary, Finance (Budget) Deptt.
- 16) Finance Deptt. Group 'T'.
- 17) The Director of Technical Education W.B.
- 18) The Joint Director (Audit & Account), Directorate of Technical Education, West Bengal.
- 19) Directorate of Treasuries & Accounts, 4, Lyons Range (3rd & 4th Floor), Kolkata - 700 001.
- 20) Head, State Project Facilitation Unit, West Bengal.
- 21) Drawing & Disbursing Officer, Govt. College of Engg. & Leather Technology.
- 22) Drawing & Disbursing Officer, Govt. College of Engg. & Textile Technology, Berhampore.
- 23) Financial Advisor, SPFU-WB.


Special Secretary to the Govt.
of West Bengal


Principal
Govt. College of Engg. & Leather Technology
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**The Institution
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E-mail sec.gen@iete.org
Website http://www.iete.org
Tollfree 18001025488

19 Feb 2013

Ref: IETE/M/ISF /13

Mrs Sangita Roy
Nodal Head
Narula Institute of Technology
81, Nilgunj Road
Agarpara
Kolkata 700109

Sub: ISF Inauguration and Annual grant for 2012-13


Dear Sir/Madam,

Please find enclosed herewith a cheque No 507817 dated 11 Feb 2013 for Rs 4080/- ISF inauguration and annual grant of 52 Students enrolled from your college.

Kindly continue to conduct the activities for ISF students in consultation with our nearest IETE Centre and send us the proceedings alongwith the photographs etc for publication in our Newsletter.


Thanking you,

Yours sincerely


for (Sandeep Kaur Mangat)
Asst. Secy (Membership)

Encl: as above.

CC: IETE Kolkata Centre


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

Sh
By

Dated: 4 January 2019

MOD-CE & Accounts

29/1/19

105

F.No. 105/RIFD/MODROB/Policy-1/2017-18

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

To

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. Six Lakh Ninety Seven Thousand Six Hundred/- 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-reg

Sir,

This is to convey the sanction of the Council for payment of Rs. 697600/- (Rupees Six Lakh Ninety Seven Thousand Six Hundred Only) as 1st installment / final payment out of the total approved grant-in-aid of Rs. 872000 for completion of MODROB on Modernisation of Structural Engineering Laboratory in NARULA INSTITUTE OF TECHNOLOGY NORTH 24 PARGANAS Pin No - 700109 West Bengal, under the Scheme Modernization and Removal of Obsolescence Scheme (MODROB).

1. 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
2. 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
3. The sanctioned amount is debitable 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

- a. 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:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATN4519P	STATE BANK OF INDIA	GURUNANAK COLLEGE CAMPUS	180/F, NILGUNJ ROAD, KOLKATA, NORTH 24 PGS, 700114	NARULA INSTITUTE OF TECHNOLOGY	Current Account	34037009838	SBIN0016642

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

- b. The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No F. No. 105/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
- c. Funds covered by this grant shall be kept separately and would not be mixed up with other funds.
- d. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be

1-3566574564

Page 1

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700114

utilized only on approved items of expenditure (list enclosed)

- e Any change in the equipments recommended/sanctioned shall not be acceptable in any circumstances
- f Any expenditure above the sanctioned amount of grant is to be incurred from Institute's own funds
- 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 instalment 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 invoices/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)



Principal
Nanda Institute of Technology
61, Nilgunj Road, Agarpara
Kolkata-700 106

- (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 installment 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 UC 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. 151/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.	Strain Gauge
2.	Profometer
3.	Cement Mortar & Concrete Permeability Apparatus
4.	Digital compression testing machine
5.	Tensile Strength Tester

Yours sincerely

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

23/2/19

(Signature)

Principal
Kerala Institute of Technology
41, Nanganj Road, Agartala
Kolkata-700 119

Dated: 4 January 2019

F.No. 145/RIFD/MODROB/Policy-1/2017-18

Copy forwarded for information and necessary action to -

1. **Name and Address of the Coordinator**
Dr. BIMAN MUKHERJEE
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS
- 700109
2. **The Registrar / Director / Principal**
Prof. (Dr.) Maitreyi Ray Kanjilal
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS
- 700109
3. **Guard File**

AQIS Application Id: 1-3566574564


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

All communications are to be addressed to the
Joint Secretary by designation and not by name



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
1.B.8 Sector III Salt Lake, Kolkata-700 098
Phone (033) 2335 4767
Fax (033) 2335 0586

No. F.PSW-263/15-16 (ERO)

To

The Principal,
NARULA INSTITUTE OF TECHNOLOGY
Nilganj Road, Agarpara, Kolkata
West Bengal-700 109

16 AUG 2017
1.8.17
30.8.17

Subject: **Approval of financial assistance to Dr./Mr./Ms DR. RUPA BHATTACHARYYA, Department of Chemistry/Polymer Science of your college for Minor Research Project regarding.**

Sir/Madam,

1. The University Grants Commission has approved the proposal of Minor Research Project mentioned hereinabove as per the recommendations of the Expert Committee and has also approved an allocation of ₹ 300000/- for the project as per details given below :

Non-Recurring Items :	Amount (In ₹)
Books and Journals	20000/-
Equipment	70000/-
Recurring Items :	
Travel and Field Work	40000/-
Hiring Services	40000/-
Chemicals and Consumables	80000/-
Contingency (including special needs)	50000/-
Total :	300000/-

2. The terms and conditions of the grant will be as per the Guidelines of the scheme.
3. A sanction letter (100% of non-recurring and 50% of recurring grant) is enclosed herewith.
- ✓ 4. The college is requested to submit 'Acceptance Certificate' duly signed by the Principal and The Principal Investigator after receiving this letter.
5. The date of Implementation will be the date of receipt of the first instalment by the college and it may be intimated in the Acceptance Certificate. The tenure of the Project will be for two years for all subjects.

Yours sincerely,

(Dr. Mohammad Arif)
Joint Secretary

Copy forwarded for information & necessary action to;

1. The Registrar, West Bengal University of Technology
2. The Director, Higher Education, Government of West Bengal state, state Secretariat,
3. Dr./Mr./Ms DR. RUPA BHATTACHARYYA, department of Chemistry/Polymer Science
4. Guard File

(Vinod Sharma)
Under Secretary

Principal
Narula Institute of Technology
41, Nilganj Road, Agarpara
Kolkata-700 109



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB-8 Sector III Salt Lake, Kolkata-700 098

No. PSW-253/15-16

(ERO) ID No. SFWBUT

Date 29-Jun-17

The Accounts Officer/DDO
University Grants Commission
Eastern Regional Office, Kolkata 700 098

S No 300622

01 AUG 2017

Sub : Release of Grant-In-Aid under the Scheme of Minor Research Project in Science
during 12th Plan in the year 2017-18 to Narula Institute of Technology

Sir/Madam,

I am directed to convey the sanction of the Commission for payment of Rs 195000 towards the scheme Minor Research Project in Science to the Principal, Narula Institute of Technology for the Plan expenditure to be incurred during the current financial year as per details given below:

Purpose of the grant	Approved allocation	Amount already sanctioned	Amount being sanctioned now	Total grant released including Gen/SC/ST component
Dr. Rupa Bhattacharya, Chemistry				
1st instalment	(Rs.)	(Rs.)	(Rs.)	(Rs.)
MRP-Non-Recurring	90000	0	90000	90000
P-Recurring	210000	0	105000	105000

Total 195000

Component-wise total grants released to the College now: 195000 Total:Rs. 195000
SC:Rs. 0 ST:Rs. 0 General:Rs.

Accordingly I am to further inform that:

- A. SC component: 16% (3B-2202.03.789.27.01(SC):Rs. 0 0 195000
B. ST component:8%, (3C-2202.03.796.28.01(ST):Rs.
C. General component (including Minorities):76% or 100% (3A-2202.03.102.02.1(General):Rs

- The sanctioned amount is debitable to Head of account as mentioned above and valid for payment by Accounts Officer, UGC-ERO, Kolkata to the College during the financial year 2017-18 only.
- The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode through PFMS portal at the following details:

(a) Details (Name & Address) of Account Holder:
Principal, Narula Institute of Technology

Nilganj Road, Agarpara, Kolkata

West Bengal 700 109

(b) Account No.: 34036900848

(c) IFSC Code : SBIN0016642

(d) Name & Address of Branch: State Bank of India, Guru Nanak College Campus Branch

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

- The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma submitted by the University/College/Institution.
- The University/College shall maintain proper accounts of the expenditure out of the grant which shall be utilised only on approved items of expenditure
- The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/Guidelines there under from time to time
- The Utilisation Certificate to the effect that the grant has been utilised for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the closing of the current financial year
- The assets acquired wholly or substantially out of the University Grants Commission's grant shall not be disposed or encumbered or utilised for the purpose other than those for which the grant was given, without proper sanction of the University Grants Commission
- A register of assets acquired, wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form

(Signature)

Principal
Narula Institute of Technology
61, Nilganj Road, Agarpara
Kolkata-700 109



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

10. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanctioned/paid. In case of non-utilization/part utilization, or mis-utilization of grants sanctioned by the Commission for the purpose for which these were approved and accordance with the terms and conditions of the approval or does not furnish the required documents or is disaffiliated from the University the entire amount paid by the Commission shall be refunded by the College with simple interest @10% per annum as amended from time to time on unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
11. The University/College shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.) in teaching and non-teaching posts]
12. The University/College shall fully implement the Official Language Policy of the Union Govt. and comply with the Official Language Act, 1963 and Official Languages (used for official purposes of the Union) Rules, 1976 etc.
13. The grants should not be used for Self-Financing/Unaided Courses.
14. It may be noted that the accounts of the grant-in-aid institution shall be subject to inspection by Officers of the ERO, UGC, Kolkata
15. The interest earned by the University/Colleges/Institute on this grant-in-aid shall be treated as additional grant and may be shown in the UC/Statement of expenditure to be furnished by grantee institution.
16. The sanction issues in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No 10-11/12(Admin. I&B)] dated 28/5/2013.
17. The University/Institutions shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutes, 2009.
18. The University/Institutions shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
19. The accounts of the University/Institutions will be open for audit by the Controller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005
20. The annual accounts i.e. balance sheet, income and expenditure statement and receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government
21. Funds for the purpose of the scheme are available under the scheme.
22. This issue with the concurrence of UGC vide D.O. No. _____ (UGC) dated _____
23. The college is registered / mapped with PFMS Portal.

Yours faithfully,

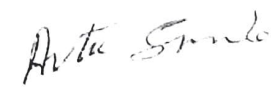

(Dr. Mohammad Arif)
Joint Secretary

Copy forwarded for information and necessary action to:-

1. Principal, Narula Institute of Technology
Nilganj Road, Agarpara, Kolkata
West Bengal 700 109

He/She is requested to abide by these instructions/Guidelines of sanction order


2. Registrar/ Director, Co-ordinator, College Development Council, WBUT University
3. Auditor General, Govt. of West Bengal
4. The Secretary, Higher Education, Govt. of West Bengal
6. Dr. Rupa Bhattacharya, Chemistry



(Avtar Singh)
Under Secretary


E-PAYMENT DETAILS

The sanctioned grant of Rs. 195000 has been credited to your college Account No 34036900848 at Bank State Bank of India, Guru Nanak with IFS Code SBIN0016642 through PFMS Portal. Vide UIR

confirmation No. _____ dated _____
PSW-253.15-16


(Dr. A.K. Dasgupta)
Accounts officer


(Avtar Singh)
Under Secretary


Principal
Narula Institute of Technology
81, Nilganj Road, Agarpara
Kolkata-700 109

Communications are to be addressed to the Secretary by designation and not by name



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098
Phone : (033) 2335 4767
Fax : (033) 2335 0586

No. F.PSW-254/15-16 (ERO)

To

The Principal,
NARULA INSTITUTE OF TECHNOLOGY
Nilganj Road, Agarpara, Kolkata
West Bengal-700 109

31 JUL 2017

MIT
17/11/18
T. Ban
30/6/18

Subject : Approval of financial assistance to Dr./Mr./Ms DR. SUMIT NANDI, Department of Chemical Technology of your college for Minor Research Project regarding.

Sir/Madam,

1. The University Grants Commission has approved the proposal of Minor Research Project mentioned hereinabove as per the recommendations of the Expert Committee and has also approved an allocation of Rs. 400000/- for the project as per details given below :

Non-Recurring Items :	Amount (In Rs.)
Books and Journals	50000/-
Equipment	70000/-
Recurring Items :	
Travel and Field Work	50000/-
Hiring Services	30000/-
Chemicals and Consumables	150000/-
Contingency (including special needs)	50000/-
Total :	400000/-


2. The terms and conditions of the grant will be as per the Guidelines of the scheme.
3. A sanction letter (100% of non-recurring and 50% of recurring grant) is enclosed herewith.
4. The college is requested to submit 'Acceptance Certificate' duly signed by the Principal and The Principal Investigator after receiving this letter.
5. The date of implementation will be the date of receipt of the first instalment by the college and it may be intimated in the Acceptance Certificate. The tenure of the Project will be for two years for all subjects

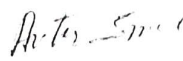
Yours sincerely,

(Dr. Mohammad Arif)
Joint Secretary

Copy forwarded for information & necessary action to;

1. The Registrar, West Bengal University of Technology
2. The Director, Higher Education Government of West Bengal state state Secretariat
3. Dr./Mr./Ms DR SUMIT NANDI, department of Chemical Technology
4. Guard File


Principal
Narula Institute of Technology
81, Nilganj Road, Agarpara
Kolkata-700 109


(Avtar Singh)
Under Secretary

UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

718-2017-18-001

Report

PSW-254/15-16
The Accounts Officer/DDO
University Grants Commission
Eastern Regional Office, Kolkata 700 098

(ERO) ID No. SFWBUT

Date 28-Jun-17

01 AUG 2017

S No 300541

Sub : Release of Grant-in-Aid under the Scheme of Minor Research Project in Science during 12th Plan in the year 2017-18 to Narula Institute of Technology

Sir/Madam,

I am directed to convey the sanction of the Commission for payment of Rs. 260000 towards the scheme Minor Research Project in Science to the Principal, Narula Institute of Technology for the Plan expenditure to be incurred during the current financial year as per details given below

Purpose of the grant	Approved allocation	Amount already sanctioned	Amount being sanctioned now	Total grant released including Gen/SC/ST component
Dr. Sumit Nandi, Chemical Technology	(Rs.)	(Rs.)	(Rs.)	(Rs.)
1st instalment				
Non-Recurring	120000	0	120000	120000
Recurring	280000	0	140000	140000

Total 260000

Component-wise total grants released to the College now:
SC:Rs. 0 ST:Rs. 0 General:Rs. 260000 Total:Rs. 260000

Accordingly I am to further inform that:

- A. SC component: 16% (3B-2202.03.789.27.01(SC):Rs. 0
B. ST component: 8%, (3C-2202.03.796.28.01(ST):Rs. 0
C. General component (including Minorities): 76% or 100% (3A-2202.03.102.02.1(General):Rs. 260000

- The sanctioned amount is debitable to Head of account as mentioned above and valid for payment by Accounts Officer, UGC-ERO, Kolkata to the College during the financial year 2017-18 only.
- The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode through PFMS portal at the following details:

(a) Details (Name & Address) of Account Holder:
Principal, Narula Institute of Technology

Nilganj Road, Agarpara, Kolkata

West Bengal 700 109

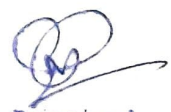
(b) Account No. 34037009838

(c) IFSC Code : SBIN0016642

(d) Name & Address of Branch: State Bank of India, Guri Nanak Coliege Campus Branch

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

- The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma submitted by the University/College/Institution.
- The University/College shall maintain proper accounts of the expenditure out of the grant which shall be utilised only on approved items of expenditure.
- The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved financial procedures may adopt the provisions of GFRs, 2005 and instructions/Guidelines there under from time to time.
- The Certificate to the effect that the grant has been utilised for the purpose for which it has been sanctioned shall be submitted to the University Grants Commission, Kolkata as per the format prescribed by the Commission.
- The grant shall be wholly or partly refundable to the University Grants Commission if the grantee fails to utilise the grant for the purpose for which it has been sanctioned and the grantee is not able to submit the certificate of utilisation within the stipulated time.
- The grantee shall be liable to pay interest on the unutilised amount of the grant at the rate of 12% per annum from the date of disbursement.



Principal
Narula Institute of Technology
61, Nilganj Road, Agarpara
Kolkata-700 109



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB-8 Sector-III Salt Lake, Kolkata-700 098

10. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanctioned/paid. In case of non-utilization/part utilization, or mis-utilization of grants sanctioned by the Commission for the purpose for which these were approved and accordance with the terms and conditions of the approval or does not furnish the required documents or is disaffiliated from the University the entire amount paid by the Commission shall be refunded by the College with simple interest @10% per annum as amended from time to time on unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
11. The University/College shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.) in teaching and non-teaching posts.
12. The University/College shall fully implement the Official Language Policy of the Union Govt. and comply with the Official Language Act, 1963 and Official Languages (used for official purposes of the Union) Rules, 1976 etc.
13. The grants should not be use for Self-Financing/Unaided Courses.
14. It may be noted that the accounts of the grant-in-aid institution shall be subject to inspection by Officers of the ERO, UGC, Kolkata.
15. The interest earned by the University/Colleges/Institute on this grant-in-aid shall be treated as additional grant and may be shown in the UC/Statement of expenditure to be furnished by grantee institution.
16. The sanction issues in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No.10-11/12(Admn.IA&B)] dated 28.15/2013.
17. The University/Institutions shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutes, 2009.
18. The University/Institutions shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
19. The accounts of the University/Institutions will be open for audit by the Controller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.
20. The annual accounts i.e. balance sheet, income and expenditure statement and receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
21. Funds to the extent of Rs. _____ are available under the scheme.
22. This issue with the concurrence of UGC vide Diary No _____ (UGC) dated _____
23. The college is registered / mapped with PFMS Portal.

Yours faithfully,

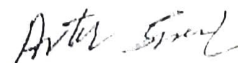

(Dr. Mohammad Arif)
Joint Secretary

Copy forwarded for information and necessary action to :

- 1 Principal, Narula Institute of Technology
Nilganj Road, Agarpara, Kolkata
West Bengal 700 109

He/She is requested to abide by these instructions/Guidelines of sanction order

- 2 Registrar/ Director, Co-ordinator, College Development Council, WBUT University
- 3 Auditor General, Govt. of West Bengal
- 4 The Secretary, Higher Education, Govt. of West Bengal
- 5 Dr. Sumit Nandi, Chemical Technology



(Avtar Singh)
Under Secretary

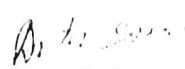
E-PAYMENT DETAILS


The sanctioned grant of Rs. 260000 has been credited to your college Account No 34036900848 at Bank State Bank of India, Green Nam With IF'S Code SBIN0016612 through PFMS Portal Vide UTR

Sanctionation No. _____ dated _____

PSW/ST/PT/ET


(Dr. A.K. Dasgupta)
Accounts officer


(Avtar Singh)
Under Secretary


Principal
Narula Institute of Technology
61, Nilganj Road, Agarpara
Kolkata-700 109

GOVERNMENT OF WEST BENGAL

Science & Technology and Biotechnology DEPARTMENT

Tel:

Fax:

Date 13/02/2020

Memo No 1833 (Sanc.)/STBT-11012(22)/22/2019-ST SEC

Sanction Order for Grant-in-Aid in Cash

Demand No. : 76

Department Code : BS

Financial Year : 2019 - 2020

1. Sanctioning Authority: Science & Technology and Biotechnology
2. Recipient of Grant: Narula Institute of Technology.
3. Category of the recipient of Grant: Grantee Institution
4. Amount Sanctioned: Rs. 100000/-
Rupees One Lakh Only.
5. DDO Code : CAFSTA003
6. DDO Designation: Sec. Officer, Science & Technology & Biotechnology Deptt.
7. Department Code: BS-Science & Technology and Biotechnology
8. Head of Account Code 76-3425-60-200-011-31-02-V
9. Scheme Name: West Bengal State Council of Science & Technology
10. Name of the Treasury/PAO & Accounts office: Pay & Accounts Officer-III, Calcutta PAO-III
11. Type of Grant:- Non-Recurring
12. Utilization Certificate Required or Not: Yes
13. Purpose of Grant: Entrepreneurship and Start ups

14. Applicable T R Form No - TR Form No.31

15. An amount of Rs.100000/-(Rupees One Lakh Only) is hereby sanctioned for payment of Grant to the recipients as per Sl.No 2 from the Head of Account as stated in Sl.No 8 above against the Budget Provision of the Financial Year 2019 - 2020. The sanctioned amount will be payable through Transfer Credit into the LF/PL/Other Deposit Account/ECS/Cheque, as the case may be following the order issued by Finance Department in this regard.

16. Total released amount is within the Budget Provision of the Financial Year 2019 - 2020

17. This order issues in exercise of the power delegated under Finance Department Memo. No. 1854-F.B. dated- 26.03.2019 & 559 F.B. dated-30.07.2019 with the concurrence of Finance Deptt. vide Gr. F.A. Branch U.O. No. 187 - F

18. The Principal Accountant General (A&F), West Bengal and Pay & Accounts Officer/Treasury Officer and other concerned are being informed

19. Remarks: Present release Rs. 1,00,000/- will be transferred through e-Pradan system to Narula Institute of Technology, A/C No.-34036900848 (SB), IFSC CODE-sbin0016642, Mobile No.-9830363201.

Sd/-
ASSISTANT SECRETARY

Science & Technology and Biotechnology



Principal
Narula Institute of Technology
81, Haregunj Road, Agarpara
Kolkata-700 109

Copy forwarded for information and necessary action to -

1. The Principal Accountant General (A&E), Treasury Buildings, Kolkata-700001
2. The Principal Accountant General (Audit), Treasury Buildings, Kolkata-700001
3. The Principal Accountant General (Receipt, Works & Local Bodies Audit), CGO Complex at Salt Lake, Kolkata-700091
4. Sec. Officer, Science & Technology & Biotechnology Dept.
5. Pay & Accounts Officer-III, Calcutta PAO-III
6. PSO.
7. Shri A.K. Kalidaha, SSO.
8. Principal, Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kol-109.
Narula Inst. of Technology
9. Dr. Sumit Chabni, Programme Coordinator, *Uluberia College, Uluberia, Howrah-744345*
10. Shri Soumyajit Mukherjee, SSO.
- 11) Guard File.

Jander.
ASSISTANT SECRETARY

[Signature]
Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700109

GOVERNMENT OF WEST BENGAL

Science & Technology and Biotechnology DEPARTMENT

Tel:

Fax:

Date: 13/02/2020

Memo No : 1930 (sanc.)/STBT-11012(22)/18/2019-ST SEC

Sanction Order for Grant-in-Aid in Cash

Demand No. : 76

Department Code : BS

Financial Year : 2019 - 2020

1. Sanctioning Authority: Science & Technology and Biotechnology
2. Recipient of Grant: Narula Institute of Technology.
3. Category of the recipient of Grant: Grantee Institution
4. Amount Sanctioned: Rs.50000/-
Rupees Fifty Thousand Only.
5. DDO Code :- CAFSTA003
6. DDO Designation: Sec. Officer, Science & Technology & Biotechnology Dept.
7. Department Code: BS-Science & Technology and Biotechnology
8. Head of Account Code :76-3425-60-200-011-31-02-V
9. Scheme Name : West Bengal State Council of Science & Technology
10. Name of the Treasury/PAO & Accounts office: Pay & Accounts Officer-III, Calcutta PAO-III
11. Type of Grant:- Non-Recurring
12. Utilization Certificate Required or Not: Yes
13. Purpose of Grant : Present Applications of Artificial Intelligence in robotics and mechatronics.

14. Applicable T.R Form No:- TR Form No.31

15. An amount of Rs.50000/- (Rupees Fifty Thousand Only.) is hereby sanctioned for payment of Grant to the recipients as per Sl.No.2 from the Head of Account as stated in Sl.No.8 above against the Budget Provision of the Financial Year 2019 - 2020. The sanctioned amount will be payable through Transfer Credit into the LF/PL/Other Deposited Account/ECS/Cheque, as the case may be following the order issued by Finance Department in this regard.

16. Total released amount is within the Budget Provision of the Financial Year. 2019 - 2020

17. This order issues in exercise of the power delegated under Finance Department Memo. No. 1854-F.B. dated 26.03.2019 & 550-F.B. dated-30.07.2019 with the concurrence of Finance Deptt. vide Gr. FA Branch U.O. No. 171

18. The Principal Accountant General (A&E), West Bengal and Pay & Accounts Officer/Treasury Officer and other concerned are being informed.

19. Remarks: Present release Rs. 50,000/- will be transferred through e-Pradan system to Narula Institute of Technology. A/C No.-34036900848 (SB). IFSC CODE-sbin0016642, Mobile No.-7908122152.

SHOT ON REDMI
AI DUAL CAMERA



Principal
Narula Institute of Technology
61, Nigunj Road, Agartara
Kolkata-700 109

**LORD BUDDHA KOSHI MEDICAL
COLLEGE & HOSPITAL**

BAIJNATHPUR, SAHARSA- 852221 (BIHAR)

Website: www.lbkmch.org



**लार्ड बुद्धा कोशी मेडिकल
कॉलेज और अस्पताल**

बैजनाथपुर, सहरसा-852221 (बिहार)

+91 9431243204, enquiry@lbkmch.org

To
The Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara,
Kolkata- 700109, West Bengal.

Date: 04/12/2019

Sub: **Sanction of grant against MOU dated 9th July 2019 for carrying out Research Projects**

Madam,

We are pleased to inform you that with respect to the Memorandum of Understanding (MoU) signed on 9th July 2019, between Lord Buddha Koshi Medical College and Hospital and Narula Institute of Technology. we are sanctioning grant for the following project "Deep Learning Based Noise Reduction" and "Quality Enhancement Of Breast Ultrasound Image for Early Detection of Cancer".

The faculty members of Narula Institute of Technology designated as Principal investigators (PI) and Co-investigators (Co-PI) for execution of the project under the aforesaid Memorandum of Understanding are:

Name of Investigator(s)	Project Assigned
Prof. Dr. Bidyut Kumar Medya	Deep Learning Based Noise Reduction and Quality Enhancement Of Breast Ultrasound Image for Early Detection Of Cancer
Dr. Suchismita Maity	Deep Learning Based Noise Reduction and Quality Enhancement Of Breast Ultrasound Image for Early Detection Of Cancer

Principal

NARULA INSTITUTE OF TECHNOLOGY
81, Nilgunj Road, Agarpara, Kol-109

Yours sincerely

Dr. Santosh Raman

Secretary

Lord Buddha Koshi Medical
College and Hospital,
Bajnathpur,
Saharsa-852221, Bihar



ICARE Institute of Medical Sciences and Research & Dr. Bidhan Chandra Roy Hospital, HALDIA

"HALDIA HEALTH CITY"

Banbishnupur, P.O.-Balughata, Haldia, Dist.-Purba Medinipur, Pin-721 645

Phone : +91 3224 269261, 269262, 269048, Telefax : +91 3224 269261

email : iimsar_bcrhh@yahoo.in • iimsar@yahoo.in

Website: www.icaremedicalcollege.in

To
The Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara,
Kolkata- 700109, West Bengal.

Date: 12/12/2019

Sub: Sanction of grant as per MOU dated 4th August 2019

Dear Madam,

The following projects

1. Recommendation System in e-Health Care Scenario
2. Federated Learning Implementation in Remote Health Care

have been sanctioned under the Memorandum of Understanding (MoU) dated 4th August 2019, signed between ICARE Institute of Medical Sciences and Research & Dr. Bidhan Chandra Roy Hospital, Haldia and Narula Institute of Technology, Kolkata.

The faculty members assigned as Principal investigators (PI) and Co-investigators (Co-PI) for execution of the following projects are:

Name of Investigator(s)	Project Assigned
Dr.Safiqureshi Mandal (PI)	Recommendation System in e-Health Care Scenario
Anirban Bhar (Co-PI)	Recommendation System in e-Health Care Scenario
Sagarika Chowdhury (PI)	Federated Learning Implementation in Remote Health Care
Chandrima Chakraborty (Co-PI)	Federated Learning Implementation in Remote Health Care

Principal

NARULA INSTITUTE OF TECHNOLOGY
81, Nileuni Road, Agarpara, Kol-109

Yours sincerely

Mr. Asish Lahiri
Secretary
ICARE Institute of Medical
Sciences and Research & Dr.
Bidhan Chandra Roy
Hospital,
Haldia.

To
Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara,
Kolkata- 700109, West Bengal.

Date: 07/07/2019

Sub: **Sanctioning of new projects in the academic year 2019-2020.**

Dear Madam,

We are pleased to inform you that the progress of the previously sanctioned projects in the academic year 2018-2019 is satisfactory. Based on the performance, the following new projects have been sanctioned with respect to the Memorandum of Understanding (MOU) dated 30/03/2018 for working together with mutual co-operation and dissemination of respective expertise in the academic year 2019-2020.

The following faculty members have been designated as Principal Investigators for execution of the projects under the aforesaid Memorandum of Understanding.

Name of Investigator	Project Assigned
Koushik Karmakar	Recycling of Waste Water
Subhram Das	Portable Air Compressor with Auto Cutoff
Kaushik Sarkar	PLC Based D.C. Motor Speed Monitoring System
Sangita Roy	Pneumatic power steering system
Avishek Chakraborty	STEAM STEM Design Brief Geometry Programming Finch Robot Project
Sumanta Kundu	Pneumatic Powered Mini Vibratory Conveyor

Yours sincerely,



Milind Tavre (DCIN/SSD)
Assistant Manager- Drives & Control Academy
Bosch Rexroth India Private Limited,
Municipal No 31, Sy No 37/1,
Nadekerappa Industrial Area,
Andrahalli, Bangalore-560091,
Karnataka, India.



Principal
NARULA INSTITUTE OF TECHNOLOGY
81, Nilgunj Road, Agarpara, Kol-109

NARULA INSTITUTE OF TECHNOLOGY

DST-FIST Project (Level-0) 2017-18

Title of the Project: Advancement of the Infrastructural Facilities for Sustainable Development in Teaching and Research


File No.: SR/FST/COLLEGE-/2017/105

Project Implementation Group (PIG)


Principal Investigator (PI): Prof. Dr. Maitreyi Ray Kanjilal, Principal

Co-PI: Dr. Kunal Das, Dept. of CSE
Dr. Sandip Chanda, HOD, Dept. of EE
Mr. Arkendu Mitra, Assistant Professor, EE
Dr. Saradindu Panda, HOD, Dept. of ECE
Dr. Biman Mukherjee, HOD, Dept. of CE
Dr. Rupa Bhattacharyya, Dept. of BSHU

Coordinators: Dr. Kunal Das, Associate Professor Dept. of CSE
Dr. Sandip Chanda, HOD, Dept. of EE


Prof. (Dr.) Maitreyi Ray Kanjilal
Principal
Narula Institute of Technology

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata - 700 108


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 108

Date: 30/03/2018

To
The Principal
Narula Institute of Technology,
81, Nilgunj Road, Agarpara,
Kolkata - 700 109, West Bengal

Sub: MOU for working together with mutual co-operation for dissemination of respective expertise in Mechanical engineering & related fields through advanced fluid power control system.

Madam,

Please find enclosed herewith a copy of the Memorandum of Understanding (MOU) dated 30/03/2018 for working together with mutual co-operation for dissemination of respective expertise in Mechanical Engineering and related field through Advanced Fluid Power Control System, duly signed by Assistant Manager – Drives & Control Academy, Bosch Rexroth India Private Limited, Municipal No 31, Sy No 37/1, Nadekerappa Industrial Area, Andrahalli, Bangalore - 560091, Karnataka, India, for your information and necessary action.

The following faculty members have been designated as Principal Investigators (PI) and Co-investigators (Co-PI) for execution of the projects under the aforesaid Memorandum of Understanding:


Name of Investigator(s)	Project assigned
Dr. Sumit Chabri (PI) Gautam Roy (Co-PI)	Design and fabrication of hydraulic spring stiffness testing machine
Dr. Bikash Panja (PI) Akhtarujjaman Sarkar (Co-PI)	Study of pneumatic metal sheet bending machine
Dr. Amit Dutta (PI) Dipu Mistry (Co-PI)	Fabrication of automatic pneumatic ramming machine
Dr. Sandhya Pattanayak (PI) Swati Barui (Co-PI)	Development of portable air compressor with auto cut-off system
Bansari Deb Majumdar (PI) Susmita Das (Co-PI)	Design and fabrication of PC based mass flow indicating controller using modified anemometer technique

Encl. MOU in original

Yours sincerely,



Milind Tavre (DCIN/SSD)
Assistant Manager – Drives & Control Academy Bosch
Rexroth India Private Limited,
Municipal No 31, Sy No 37/1,
Nadekerappa Industrial Area,
Andrahalli, Bangalore - 560091,
Karnataka, India.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MoU") entered into on this 30th day of March, 2018 by and between:

BOSCH REXROTH INDIA LIMITED, which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns. of the First party;

AND

The Technical Institute (NARULA INSTITUTE OF TECHNOLOGY) which the expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns, of the Second Party.

WHEREAS,

Both NARULA INSTITUTE OF TECHNOLOGY and BOSCH REXROTH INDIA LIMITED are desirous of working together with mutual cooperation for dissemination of respective expertise in Mechanical engineering field through advanced fluid power control system.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES AS FOLLOWS:

1. INTENT:

BOSCH REXROTH INDIA LIMITED intends to associate the NARULA INSTITUTE OF TECHNOLOGY who shall voluntarily contribute its share of experience for betterment of infrastructure.

2. SCOPE OF THE MoU

The primary scope of MoU inter alia includes the following:

BOSCH REXROTH INDIA LIMITED shall facilitate the faculty, researchers and students of the Institute to familiarize with the latest trends in the fluid power sector with a common objective of sharing the knowledge in their respective domain. This will, in one hand, facilitate to bridge the industry-institution gap and familiarize students with the latest trends in industry and on the other hand the research output could be suitably adopted in practice by BOSCH REXROTH INDIA LIMITED.

The rules and regulations may be modified by deletion/addition by mutual consent of BOSCH REXROTH INDIA LIMITED and the NARULA INSTITUTE OF TECHNOLOGY.

3. ROLES AND RESPONSIBILITIES:

The scope of this MOU shall be carried out in a collaborative mode between BOSCH REXROTH INDIA LIMITED and the Institute. The Roles & Responsibilities of BOSCH REXROTH INDIA LIMITED and the Institute in performing the defined objective shall be as follows:

BOSCH REXROTH INDIA LIMITED

BOSCH REXROTH INDIA LIMITED shall provide the list of rules and regulations for adopting by the Institute.

BOSCH REXROTH INDIA LIMITED shall facilitate availability of relevant data through its field office/consultant/concessionaire/contractor engaged in the project.

BOSCH REXROTH INDIA LIMITED will nominate an officer as a point of contact for all correspondence in carrying out the defined objective.

BOSCH REXROTH INDIA LIMITED shall facilitate the faculty, researchers and students of the Institute to give access to the lab being adopted by the Institute, relevant documents for the purpose of activities to be carried by these intellectuals of the Institute.

BOSCH REXROTH INDIA LIMITED through its field office/Consultant/Concessionaire/Contractor engaged in the project, as per reasonable requirement, will disseminate and familiarize the latest trends and know fluid power sector in general and the identified project in specific to the authorized faculty, researchers and students of the Institute.

BOSCH REXROTH INDIA LIMITED may suitably adopt the research output and feedback received from the Technical Institute in practice for qualitative improvement as deemed fit at appropriate stage of implementation.

BOSCH REXROTH INDIA LIMITED may support creation of Lab infrastructure in the Institute and can sponsor relevant research project that helps in using alternative resource material. Sanctioning of new projects may be implemented based on performance satisfaction.

The rules and regulations adopted can be co-branded with the associated technical institute by BOSCH REXROTH INDIA LIMITED.

NARULA INSTITUTE OF TECHNOLOGY

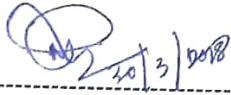
- a. The Institute shall adopt rules and regulations of BOSCH REXROTH INDIA LIMITED as a voluntary initiative.
- b. The Technical Institute through its authorized faculty, researchers and students will carry out periodic investigation and give suitable suggestions for improving the efficiency of existing Infrastructure assets;
- c. The Institute may also associate with the Consultants/BOSCH REXROTH INDIA LIMITED during conceptualization, design and project preparation of new projects and suggest the relevant parameters and innovations based on experience specific to the laboratory.
- d. The Technical Institute will nominate a coordinator as a point of contact for all correspondence in carrying out the defined objective as well as inform, from time to time.

4. EFFECTIVE DATE AND PERIOD OF MOU

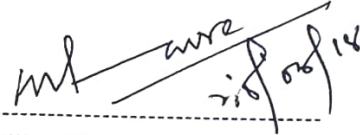
This MoU shall come into effect for all its intents and purposes from the immediate effect and shall remain valid for a period of 5 years from the date of signing unless terminated either by mutual consent by either party by giving 60 days' notice in writing to the other party.

For the NARULA INSTITUTE OF TECHNOLOGY:

For BOSCH REXROTH INDIA LIMITED:



Prof. (Dr.) Maitreyi Ray Kanjilal
Principal
Narula Institute of Technology,
81, Nilgunj Road, Agarpara,
Kolkata - 700 109, West Bengal



Milind Tavre (DCIN/SSD)
Assistant Manager – Drives & Control
Academy
Bosch Rexroth India Private Limited,
Municipal No 31, Sy No 37/1,
Nadekerappa Industrial Area,
Andrahalli, Bangalore - 560091,
Karnataka, India.



Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

All communications are to be addressed to the Joint Secretary by designation and not by name



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098
Phone : (033) 2335 4767
Fax : (033) 2335 0586

No. F.PHW-182/15-16 (ERO)

To

The Principal,
Narula Institute of Technology
Nilganj Road, Agarpara, Kolkata
West Bengal-700 109

Subject : Approval of financial assistance to Dr./Mr./Ms Dr.Sriparna Guha, Department of Management of your college for Minor Research Project regarding.

Sir/Madam,

- 1 The University Grants Commission has approved the proposal of Minor Research Project mentioned hereinabove as per the recommendations of the Expert Committee and has also approved an allocation of ₹ 290000/- for the project as per details given below :

Non-Recurring Items :	Amount (In ₹)
Books and Journals	100000/-
Equipment	0/-
Recurring Items :	
Travel and Field Work	90000/-
Hiring Services	60000/-
Chemicals and Consumables	0/-
Contingency (including special needs)	40000/-
Total :	290000/-

2. The terms and conditions of the grant will be as per the Guidelines of the scheme.
3. A sanction letter (100% of non-recurring and 50% of recurring grant) is enclosed herewith.
4. The college is requested to submit 'Acceptance Certificate' duly signed by the Principal and The Principal Investigator after receiving this letter.
5. The date of implementation will be the date of receipt of the first instalment by the college and it may be intimated in the Acceptance Certificate. The tenure of the Project will be for two years for all subjects

Yours sincerely,

(Dr. Mohammad Arif)
Joint Secretary

Copy forwarded for information & necessary action to,

1. The Registrar, WBUT.
2. The Director, Higher Education, Government of West Bengal state, state Secretariat.
3. Dr /Mr /Ms Dr Sriparna Guha, department of Management
4. Guard File

Under Secretary

Principal
Narula Institute of Technology
81, Nilganj Road, Agarpara
Kolkata-700 109



LB-8 Sector III Salt Lake, Kolkata-700 098

No. PHW-182/15-16

(ERO) ID No. SFWBUT

Date: 14-Jul-17

The Accounts Officer/DDO
University Grants Commission
Eastern Regional Office, Kolkata 700 098

S No. 300888

01 AUG 2017

Sub : Release of Grant-in-Aid under the Scheme of Minor Research Project in Humanities & Social Sci
during 12th Plan in the year 2017-18 to Narula Institute of Technology

Sir/Madam,

I am directed to convey the sanction of the Commission for payment of Rs. 195000 towards the scheme Minor Research Project in Humanities & Social Sci to the Principal, Narula Institute of Technology for the Plan expenditure to be incurred during the current financial year as per details given below.

Purpose of the grant Dr. Sriparna Guha, Management 1st instalment	Approved allocation (Rs.)	Amount already sanctioned (Rs.)	Amount being sanctioned now (Rs.)	Total grant released including Gen/SC/ST component (Rs.)
MRP-Non-Recurring	100000	0	100000	100000
MRP-Recurring	190000	0	95000	95000

Total 195000

Component-wise total grants released to the College now:

SC:Rs. 0 ST:Rs. 0 General:Rs. 195000 Total:Rs. 195000

Accordingly I am to further inform that:

- A. SC component: 16% (3B-2202.03.789.27.01(SC):Rs. 0
B. ST component: 8%, (3C-2202.03.796.28.01(ST):Rs. 0
C. General component (including Minorities): 76% or 100% (3A-2202.03.102.02.1(Gen):Rs. 195000

- The sanctioned amount is debit to Head of account as mentioned above and valid for payment by Accounts Officer, UGC-ERO, Kolkata to the College during the financial year 2017-18 only.
- The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode through PFMS portal at the following details:

(a) Details (Name & Address) of Account Holder:
Principal, Narula Institute of Technology

Nilganj Road, Agarpara, Kolkata

West Bengal 700 109

34037009838

(b) Account No: 34036900848

(c) IFSC Code: SBIN0016642

(d) Name & Address of Branch: State Bank of India, Guru Nanak College Campus Branch

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

- The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma submitted by the University/College/Institution.
- The University/College shall maintain proper accounts of the expenditure out of the grant which shall be utilised only on approved items of expenditure.
- The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GF Rs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GF Rs, 2005 and instructions/Guidelines there under from time to time.
- The Utilisation Certificate to the effect that the grant has been utilised for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the closing of the financial year.
- The assets acquired wholly or substantially out of the University Grants Commission's grant shall not be disposed of, encumbered or utilised for the purpose other than those for which the grant was sanctioned except with the prior sanction of the University Grants Commission.
- A register of assets acquired wholly or substantially out of the grant shall be maintained by the University/Institution in the prescribed form.

Principal
Narula Institute of Technology
Nilganj Road, Agarpara
Kolkata-700 109

11/12
09/8/17

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 067

F.No. 6-60/RIFD/FDP/Policy-1/2016-17

Dated: 6th June 2017

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj,
New Delhi - 110067.

Sub: Release of a sum of Rs. 245000/- being the 1st Installment of the total Grant of Rs. 490000/- for conduct of Faculty Development Programme (FDP) during the financial year 2017-18 - reg.


Sir,

This is to convey the sanction of the Council for payment of Rs. 245000/- (Rupees Two Lakh FourtyFive Thousand Only) as 1st installment out of the total approved grant-in-aid of Rs. 490000/- for conduct of FDP on Recent Developments in Artificial Intelligence & Robotics to NARULA INSTITUTE OF TECHNOLOGY, 81, NILGUNJ ROAD, AGARPARA, KOLKATA-109 NORTH 24 PARGANAS Pin No - 700109 West Bengal, under the Scheme of Faculty Development Programme.

- 7/6/17
1. 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.
 2. 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.
 3. The sanctioned amount is debitable to the Major Head 601.9(a) Gen. of the Scheme of Faculty Development Programme and is valid for payment during the financial year 2017-18.
 4. Funds covered by this grant shall be kept separately and would not be mixed up with other funds.
 5. The Council or its nominee shall have the right to check/verify the accounts to satisfy that the funds have been utilized for the purpose for which they were sanctioned.
 6. The Principal and the Coordinator of the institute 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. In case of any omission the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATN4519P	STATE BANK OF INDIA	Gururanak College Campus, Panihati	180/F, Nilgunj Road, Kolkata North 24 Pgs, West Bengal, PIN:700114	Narula Institute of Technology	Current Account	34037009838	SBIN0016642

Contd.....2


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

::2::

7. 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.
8. Interest on the sanctioned grant will be reported back to AICTE and may be adjusted against the subsequent installment.
9. 90% of sanctioned amount to Govt. Institutions and 50% of sanctioned amount as advance to Self-Financing Institutions shall be released on the basis of Approval Letter for 2016-17. Those Institutes/Colleges, who have already conducted the event after submitting the application in the financial year, shall not be paid any advance payment. They may send the expenditure account and other relevant documents within one month of receipt of this letter for final settlement and reimbursement.
10. The grant is intended to cover items of expenditure connected with the Faculty Development Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, Reading material to participants, Honorarium to Resource Persons, TA/DA to resource persons including two outstations resource persons & Working Expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.
11. The Council shall sanction a maximum grant of Rupees Seven Lakh only to conduct one Programme. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
Type of trainings under FDP shall be as under:
 - I. Pedagogical Training
 - II. Subject related Training
 - III. Training related to Moral Values, Ethics, Behavioural Sciences & Attitude etc.
 - IV. Training on Leadership & Faculty Development under U.K. India Education Research initiative (UKIERI)
12. The balance amount will be reimbursed to the institutions only on submission of duly audited utilization certificate and other relevant documents.
13. The reimbursement of the balance entitled amount of the grant-in-aid shall be released only on receipt of the following documents: -
 - (i) Feedback form in the prescribed proforma.
 - (ii) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure along with paid vouchers & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Photocopies of formats are enclosed.
 - (iii) Copy of the proceedings and completion report.
 - (iv) If programme is not conducted in the period of six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be returned to AICTE.
14. The documents mentioned above must be sent within one month of the completion of the Faculty Development Programme held with approved financial assistance. On receipt of these documents, the total amount of financial assistance admissible as per the norms shall be worked out and grant-in-aid shall be released in favour of the beneficiary institution.
15. Any unavoidable circumstantial change in the Programme with respect to name of Project Coordinator, Venue and date for organizing FDP 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

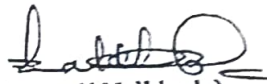
Principal

Nanda Institute of Technology

withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 6-60/RIFD/FDP/Policy-1/2016-17 in your future correspondence.


16. The FDP will be organized for 2 weeks with minimum 50 participants and the institute should strictly observe all the terms and conditions contained in the scheme details under AICTE AQIS 2016-17.
17. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/College/Institution. Further, 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.
18. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants which shall be utilized only on the approved items of expenditure.
19. This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,


(Dileep N Malkhede)
Advisor-I (RIFD) 21/7/17

Copy forwarded for information and necessary action to:-

1. Mr. SARANDINDU PANDA,
Department of ELECTRONICS AND COMMUNICATIONS ENGINEERING
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109
NORTH 24 PARGANAS Pin No. 700109
West Bengal
2. THE REGISTRAR / DIRECTOR / PRINCIPAL
NARULA INSTITUTE OF TECHNOLOGY
81, NILGUNJ ROAD, AGARPARA, KOLKATA-109
NORTH 24 PARGANAS Pin no. 700109
West Bengal
3. Guard File


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

All communications are to be addressed to the
Joint Secretary by designation and not by name



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098
Phone : (033) 2335 4767
Fax : (033) 2335 0586

No. F.PSW-299/15-16 (ERO)

To

The Principal,
NARULA INSTITUTE OF TECHNOLOGY
Nilganj Road, Agarpara, Kolkata
West Bengal-700 109

MOD-ELC
&
Account
10/10/17

10/10

Subject : **Approval of financial assistance to Dr./Mr./Ms DR. SARADINDU PANDA, Department of Electronics of your college for Minor Research Project regarding.**

Sir/Madam,

1. The University Grants Commission has approved the proposal of Minor Research Project mentioned hereinabove as per the recommendations of the Expert Committee and has also approved an allocation of ₹ 315000/- for the project as per details given below :

Non-Recurring Items :	Amount (In ₹)
Books and Journals	5000/-
Equipment	300000/-
Recurring Items :	
Travel and Field Work	5000/-
Hiring Services	0/-
Chemicals and Consumables	0/-
Contingency (including special needs)	5000/-
Total :	315000/-

2. The terms and conditions of the grant will be as per the Guidelines of the scheme.
3. A sanction letter (100% of non-recurring and 50% of recurring grant) is enclosed herewith.
4. The college is requested to submit 'Acceptance Certificate' duly signed by the Principal and The Principal Investigator after receiving this letter.
5. The date of implementation will be the date of receipt of the first instalment by the college and it may be intimated in the Acceptance Certificate. The tenure of the Project will be for two years for all subjects

Yours sincerely,

(Dr. Mohammad Arif)
Joint Secretary

Copy forwarded for information & necessary action to;

1. The Registrar, West Bengal University of Technology
2. The Director, Higher Education, Government of West Bengal state, state Secretariat,
3. Dr /Mr /Ms DR. SARADINDU PANDA, department of Electronics
4. Guard File

(Vinod Sharma)
Under Secretary

Principal
Narula Institute of Technology
Nilganj Road, Agarpara
Kolkata-700 109



UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

No. PSW-299/15-16

(ERO) ID No SFWBUT

Date 28-Aug-17

S.No. 301275

- 7 SEP 2017

The Accounts Officer/DDO
University Grants Commission
Eastern Regional Office, Kolkata 700 098

Sub: Release of Grant-in-Aid under the Scheme of Minor Research Project in Science during 12th Plan in the year 2017-18 to Narula Institute of Technology

Sir/Madam,

I am directed to convey the sanction of the Commission for payment of Rs 310000 towards the scheme Minor Research Project in Science to the Principal, Narula Institute of Technology for the Plan expenditure to be incurred during the current financial year as per details given below:

Purpose of the grant Dr. Saradindu Panda, Electronics 1st instalment	Approved allocation (Rs.)	Amount already sanctioned (Rs.)	Amount being sanctioned now (Rs.)	Total grant released including Gen/SC/ST component (Rs.)
MRP-Non-Recurring	305000	0	305000	305000
MRP-Recurring	10000	0	5000	5000
Total				
310000				

Component-wise total grants released to the College now:
SC:Rs. 0 ST:Rs. 0 General:Rs. 310000 Total:Rs. 310000

Accordingly I am to further inform that:

- | | | |
|---|---|--------|
| A. SC component: 16% (3B-2202.03.789.27.01(SC):Rs. 0 | 0 | |
| B. ST component: 8%, (3C-2202.03.796.28.01(ST):Rs. | | 310000 |
| C. General component (including Minorities): 76% or 100% (3A-2202.03.102.02.1(General):Rs | | |

- The sanctioned amount is debit to Head of account as mentioned above and valid for payment by Accounts Officer, UGC-ERO, Kolkata to the College during the financial year 2017-18 only.
- The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode through PFMS portal at the following details:

- (a) Details (Name & Address) of Account Holder:
Principal, Narula Institute of Technology

Nilganj Road, Agarpara, Kolkata

West Bengal 700 109

(b) Account No.: 34037009838

(c) IFSC Code: SBIN0016642

(d) Name & Address of Branch: State Bank of India, Guru Nanak College Campus Branch

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

- The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma submitted by the University/College/Institution.
- The University/College shall maintain proper accounts of the expenditure out of the grant which shall be utilised only on approved items of expenditure.
- The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/Guidelines there under from time to time.
- The Utilisation Certificate to the effect that the grant has been utilised for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the closing of the current financial year.
- The assets acquired wholly or substantially out of the University Grants Commission's grant shall not be disposed or encumbered or utilised for the purpose other than those for which the grant was given, without proper sanction of the University Grants Commission.
- A register of assets acquired, wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form.

(Signature)

Principal
Narula Institute of Technology
61, Nilganj Road, Agarpara
Kolkata-700 109

04/09/2017

Gmail - Sanction Order : ECR/2016/000613



Kunal Das <kunaldasqca@gmail.com>

Sanction Order : ECR/2016/000613

1 message

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: info@serbonline.in

Mon, Sep 4, 2017 at 4:51 PM



Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

Dear Dr. Kunal Das,

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

Sanction Order
No ECR/2016/000613

Sanction Date 03 August, 2017

PI Name Dr. Kunal Das

PI Account 34037009838
Number

Institute/University Narula Institute Of Technology , 81, Nilgunj Rd, Panjavilla, Jagarata Pally, Deshpnya
Nagar, Agarpara, Kolkata, WEST BENGAL-700109

Bank & Branch State Bank of India Gurunank College Campus, 180/F, Nilgunj Road, Kolkata, North
Name 24PGS, West Bengal, PIN 700114

Amount INR 524870/-

In Rupees Five Lakh Twenty Four Thousand Eight Hundred and Seventy
HUNDRED

UTR No UBINH17242418922 / 54A.93139101

Transaction Date 30 August 2017

SERB Reference Number:

Bill No: GLA/3775

Diary No / Finance No SERB/F/4198/2017-2018

Confirmation of receipt of funds may be sent by email only

IMPORTANT:

1. SEPARATE Utilization Certificates (UCs) for Recurring and Non Recurring (even if DISBURSED BY SERB THROUGH ONE SANCTION ORDER for your project) should be sent directly to the grant Sanctioning Authority by name (signatory of the sanction order) within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent instalment of grant is due for release or not.

FILE NO. ECR/2016/000613

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 03-Aug-2017

ORDER

Subject: Financial Sanction of the research project titled "QCA LOGIC CIRCUIT DESIGN IN APPLICATION TO HEALTH CARE DEVICE DESIGN AND SIMULATION" under the guidance of Dr. Kunal Das, CSE, Narula Institute of Technology, 81, Nilgunj Rd, Panjavilla, Jagarata Pally, Deshpriya Nagar, Agarpara, Kolkata, WEST BENGAL-700109 and by Dr. Anirban Das, Assistant Professor, Computer Science & Engineering, Narula Institute Of Technology - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 1446540/- (Rs. Fourteen Lakh Forty Six Thousand Five Hundred and Forty Only) with break-up of Rs. 64040/- under Capital (Non-recurring) head and Rs. 1382500/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 1446540/- has been approved are given below.

The following budget may be considered for Narula Institute Of Technology, 81, Nilgunj Rd, Panjavilla, Jagarata Pally, Deshpriya Nagar, Agarpara, Kolkata

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Laptop -> Laser Printer cum scanner	64040/-
A'	Total (Non-Recurring)	64040/-
B	Recurring Items	
1	Recurring - A. (Manpower, Consumables, Travel, Contingencies)	1251000/-
2	Recurring - B. (Overhead Charges)	131500/-
B'	Total (Recurring)	1382500/-
C	Total cost of the project (A' + B')	1446540/-

1. Sanction of the SERB is also accorded to the payment of

Rs. 61040/- (Rupees Sixty Four Thousand and Forty Only) under Grants for creation of capital assets and Rs. 460820/- (Rupees Four Lakh Six Thousand Eight Hundred and Twenty Only) under 'Grants-in-aid General' to Principal, Narula Institute Of Technology, 81 Nilgunj Rd, Panjavilla, Jagarata Pally, Deshpriya Nagar, Agarpara, Kolkata.

2. The first instalment of the grant for the year 2017-2018 for implementation of the said project is payable.

3. The above grant is debitable to Fund for Science & Engineering Research (FSER). This release is being made under Early Career Research Award (ECRA) Engineering Sciences.

4. The Sanction has been issued to Narula Institute Of Technology, 81, Nilgunj Rd, Panjavilla, Jagarata Pally, Deshpriya Nagar, Agarpara, Kolkata with the approval of the competent authority under delegated powers on 26 July, 2017 and vide D.O. No. SERB/14190/2017-2018 dated 02 August, 2017.

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

6. Overhead expenses meant for the host institute towards the cost for providing infrastructural facilities and personal administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility and autonomy to the project, it should be borne in mind that the grant should be spent for travel and contingency.

8. At the end of the year, the accounts of project shall be open to audit by sanctioning authority/audit officer if the grant is called for.

A.I.I. INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi-110067

Ref. No. 9-139/RIFD/MODROB/Policy-1/2016-17

The Drawing and Disbursing Officer
Local

Subj: **Release of Grant-in-Aid under Modernization and Removal of Obsolescence Scheme (MODROBS) for the year 2017-18 payable during the current financial year 2017-18.**

Sir,


I am directed to convey the sanction of the Council for payment of Rs. 727760/- (Rupees Seven Lakh TwentySeven Thousand Seven Hundred Sixty Only) for the year 2017-18 under the Modernization and Removal of Obsolescence Scheme (MODROBS) to Narula Institute Of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700109 West Bengal for meeting the expenditure for implementing the Scheme as per details given below:

1. Name of the Beneficiary Institution : Narula Institute Of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700109 West Bengal
2. Chief Coordinator's Name & Deptt. : Mr. Sarandindu Panda,
Deptt. Of Electronics And Communications Engineering
3. Title of the Project : Up-gradation of Laboratory to embedded system & electronic design automation lab
4. Grant-in-aid Sanctioned : Rs 909700/- [Rs.749165 /- for non-recurring and Rs.160535 /- for recurring expenditure]
(80% in advance and 20% as reimbursement on submission of UC and other related documents)
5. Amount to be released : Rs 727760/-
6. Approved Duration (in years) : 2 Year

1. The sanctioned grant-in-aid is debitable to the major Head 601.4.a MODROBS grant and is valid for payment during the financial year 2017-18.
2. The grant-in-aid of the grant 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 account of The Principal / Director / Registrar Narula Institute Of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700109 West Bengal.
3. The Institute is requested to verify the correctness of the under mention bank account/ RTGD submitted by them along with the proposals in which the grant is being released. In case of any omission the same should be reported to AICTE immediately along with refund of the said grant.

Bank Name	Bank Branch and address	Account Holder's Name	Account Number	Type of Account	IFSC Code	Type of Institution	Institution PAN No
STATE BANK OF INDIA	Gururamak College Campus Panipat, 180/F Nilgunj Road Kolkata North 24 Pgs. West Bengal, PIN:700114	Narula Institute of Technology	34037009838	Current Account	S6IN0016642	Unaided Private	AA4TN4519F

4. 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.
5. Each project sanctioned by AICTE is assigned a specific Ref. No. given on the pre page. 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.
6. The accounts of the grantees which are liable to be audited by the Council or Comptroller and Audited General of India or by any Officer designated for the purpose.
7. The Institute/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700109

8. The grantee shall utilize grants on only approved items of expenditure (list enclosed). However in case the grantee wishes to recast the project, approval of the Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilize 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.
10. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register or assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
11. 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 should adjust the same in the next installment of grant before releasing.
12. Since the duration of the project is for two years, the request for reimbursement of 20% of remaining amount shall be made with UC and other related documents in such a way that the entire project is completed in the prescribed period of two years.
13. The Annual Progress Report 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.
14. Project Completion Report (PCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format, utilization in the format and GFR-19 shall be submitted to the Council.
15. 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 All India Council for Technical Education 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.
16. The grantee shall follow the terms and conditions of Modernization and Removal of Obsolescence (MODROBS) as laid down in the scheme details under AICTE AQIS 2016-17.
17. The Grantee shall fully implement the official language policy of Union Government and comply with the official language Act, 1963 and official language (use of official purposes of the Union Rules, 1976 etc.)
18. 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.
19. The funds to the extent are available under the scheme.
20. 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 Regulation of the scheme.

(Dileep N. Malkhede)
Adviser (RIFD)

Forwarded for information and necessary action to

1. The Principal / Director / Registrar,
Narula Institute Of Technology, 81, Nilgunj Road,
Agarpara, Kolkata-700109, West Bengal
2. Mr. Sarandindu Panda,
Deptt Of Electronics And Communications Engineering
81, Nilgunj Road, Agarpara, Kolkata-700109 West Bengal
3. Office of Director General of Audit,
General Post Office, AGUE Building, 1F, Estate,
New Delhi-110 002


Principal
Narula Institute of Technology,
81, Nilgunj Road, Agarpara
Kolkata-700 109

A.I.I. INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 067

Ref. No.: 9-139/RIFD/MODROB/Policy-1/2016-17

Name of the Principal Investigator & Deptt : Mr. Sarandindu Panda
Dept. of ELECTRONICS AND COMMUNICATIONS ENGINEERING


Name of the Institution : Narula Institute Of Technology,
81, Nilgunj Road, Agarpara, Kolkata-700109, West Bengal

Title of the Project : Up-gradation of Laboratory to
embedded system & electronic design
automation lab

Approved items for expenditure on purchase of machinery/equipments (Non-Recurring)

S.No.	Approved Items (As per proposal)
1	Microchip dsPIC-30 DSP Development Board
2	Arduino Mega 2560
3	Arduino Robot
4	Proteus Professional Design Suit
5	Anvy TM Spartan-6 FPGA Development Board
6	Altium Designer 3000 Series
7	ARM 9 Development Board
8	PIC Development Board (Easy Start 3 Kit)

Total approved amount is Rs.749165/-Non-recurring head and Rs.160535/- under Recurring head i.e. total approved amount is Rs.909700/- (Rupees Nine Lakh Nine Thousand Seven Hundred Only).


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109


(Dileep N Malkhede)
Advisor (RIFD)



Phone : 011-26131576 - 78, 80
Website : www.aicte-india.org



अखिल भारतीय तकनीकी शिक्षा परिषद्
(भारत सरकार का एक सांविधिक निकाय)
मानव संसाधन विकास मंत्रालय, भारत सरकार
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory Body of the Govt. of India)
Ministry of Human Resource Development, Govt. of India
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Dr. Ajeet Singh
Assistant Director (RIFD)

F.No.8-8/RIFD/RPS(POLICY-1/2016-17

Date: 30.07.2018

16/8

To,

The Registrar/Director/Principal,
Narula Institute of Technology,
81, Nilgunj Road, Agarpara, North 24 Parganas,
Kolkata, West Bengal-700109

Sub: RPS project titled: 'Some studies on the design issues to improvement on efficiency in plasmonic based solar cell' by Mr. Sarandindu Panda, department of Electronics and Communications Engineering, Narula Institute of Technology, 81, Nilgunj Road, Agarpara, North 24 Parganas, Kolkata, West Bengal-700109, sanctioned during 2016-17- Reg.

Sir,


AICTE has sanctioned grant of Rs.1494118/- comprising non-recurring of Rs.1270000/- and recurring of Rs.224118/- for undertaking the above mentioned RPS project by Mr. SARANDINDU PANDA, Department of ELECTRONICS AND COMMUNICATIONS ENGINEERING in your Institution during 2016-17.

2. A grant of Rs.1471706/- comprising 100% non-recurring of Rs.1270000/- and 90% of recurring of Rs.201706/- has been released by AICTE vide its release letter dated 02.08.2017. The project period is for 3 years which shall expire on 01.08.2020.

3. On scrutiny of the records, it has been found that till date no progress is shown and none of the documents submitted by the PI/Institute.

4. The attention of the PI/Institute is drawn to the following:

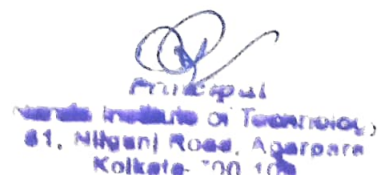
- (i) Clause-3 of the RPS guidelines stipulates - 'If the University/Institution is unable to take up the project work within six months of the receipt of the grant, the approval shall ipso facto lapse'. The PI/Institute must initiate the project within one month of the receipt of the grant.
- (ii) Utilize non-recurring and recurring grants for the items sanctioned by the AICTE in accordance to provisions of Clause 4 of the RPS guidelines - 'The grant will be utilized for the purpose as specified in the sanction letter. Re-appropriation of funds from one head to another is strictly not permitted'.
- (iii) Clause-8 of the Release letter stipulates 'The grantee shall utilize grants on only approved items, as per list of equipment attached'.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

- (iv) Clause-12 of the Release letter stipulates submission of prescribed documents in AICTE formats duly completed and signed with official seal and date, within one month of each financial year. The copies of stock entry register and copies of bills/vouchers should be duly signed and attested by the Head of the Institution Prescribed formats of requisite documents may be downloaded from <https://www.aicte-india.org/schemes/research-innovations-development-schemes>.
 - (v) In addition to the above, it is mandatory for the Institute to constitute a Project Evaluation Committee (PEC) in the manner given in RPS guidelines and also report the same to AICTE. The PEC should meet regularly and monitor progress of RPS project. The Annual Progress Reports and the Project Completion Report furnished to AICTE, must have the recommendations and feedback of the PEC. If such reports do not contain their recommendations, the same shall not be considered by the AICTE.
 - (vi) Must seek approval of the AICTE on any of the matters viz. change of PI, transfer of RPS project to new institution of PI or for extension of project period etc. without delay and in the manner specified in the instructions supported with justifications. Read Frequently Asked Questions (FAQs) for any further query.
 - (vii) While submitting APRs and PCR, the PI/Institute may also furnish high resolution coloured photograph of the equipment(s) procured through soft copy also.
5. The PI/Institute is thus advised to initiate work on the RPS and complete the project within the stipulated time period of 3 years, constitute a Project Evaluation Committee and furnish mandatory documents in the manner advised. If the PI/Institute fail to comply with the above instructions, an appropriate action shall be initiated which may include total refund of the grant with interest to the AICTE.

Yours sincerely,


(Dr. Ajeet Singh)


Principal
Nanda Institute of Technology,
81, Nilganj Road, Agarpara
Kolkata- 700 108



**Institutional Strengthening of Gram Panchayats (ISGP) Program-II
Panchayats & Rural Development Department
Government of West Bengal**

Millennium City IT Park, Tower - II, 3rd Floor (Unit D), DN - 62, Sector - V, Salt Lake City, Kolkata - 700 091
Ph. no.: +91 33 2367-1461/ 8724, Fax: + 91 33 2367- 2594
e-mail: scu.wbisgpp@gov.in, Website: www.wbisgpp.gov.in

No.1063/ISGPP/CB-9/2017

Date: 31.07.2017

From:

Soumya Purkait

Special Secretary to the Government of West Bengal and
Programme Director, ISGPP II

To:

The Principal

Narula Institute of Technology
JIS Group, Agarpara

Sub: Request to Organize Training of Nirman Sahayaks from Gram Panchayats on Rural Engineering Issues.

Sir,

Under ISGPP-II, a demand-driven, focused and comprehensive approach to formal learning and training has been adopted. After analyzing the identified issues of the district level training plans which were consolidated from the district level Training Need Assessment (TNA) reports, Training of Nirman Sahayak on rural Engineering issues have been prioritized and considered for organizing in 2017-18 FY. As it has been decided that the hardcore technical trainings would be conducted by hiring the eminent technical institutes of West Bengal, you are considered for imparting the training of the Nirman Sahayaks of various Gram Panchayats of West Bengal.


The training has been conceptualized as 5 days residential training where different technical issues related to implementation of infrastructural rural development schemes through Panchayat & Rural development Department would be imparted along with basic civil engineering issues. The entire course should be designed by the institute and a detail course material should be provided to each of the participants along with training kit (Pen, Pad, Folder etc.). The Food & accommodation logistics should be arranged by the concerned institute along with any other arrangements related to organize the training sessions.

Hence, you are requested to submit a tentative budget as per participant basis inclusive of the cost of food, accommodation, training kit etc. Further, also let us know how many training batches you are intended to organize considering 500 trainee (approximately). The draft training design and course content are attached herewith as annexure. Please note that, you have to submit the name & details of the resource persons who will be imparting the trainings. Looking forward to a quick response.

Yours faithfully,


(Soumya Purkait)

Enclosed: Annexures as stated above


Principal
Narula Institute of Technology
81, Naganj Road, Agarpara
Kolkata-700 100

Annexure-1: Draft Training Design of Njman Shayak of Gram Panchyat

Date:

Venue:

Time	Subject	Methodology	Resource Persons
1st Day			
10.00 am – 10.10 am	Inauguration		Shri Soumya Purkait, Program Director, ISGPP-II & SS, P & RD
10.10 am – 10.25 am	Introduction of the Participants		
10.25 am – 10.30 am	Objective of the training	Discussion	
10.30 am – 1.15 pm	Soil mechanics Bearing capacity Soil testing	Presentation & Discussion	
1.15 pm – 2.15 pm	Lunch		
2.15 pm – 5.30 pm	Foundation Engineering	Presentation & Discussion	
5.30 pm – 6.30 pm	Renewable energy like Solar light	Audio visual presentation	
2nd Day			
10 am – 11.30 am	Construction Materials & concrete technology Testing		
11.30 am – 1.30 pm	Building construction including design criteria	Presentation & Discussion	
1.30 pm – 2.30 pm	Lunch		
2.30 pm – 4.30 pm	Design of Concrete Structures (slab, beam, column, footing)	Presentation & Discussion	
4.30 pm – 6.30 pm	Design of Steel Structures	Presentation & Discussion	
3rd Day			
10 am – 11.30 pm	Rural road construction materials		
11.30 am – 1.30 pm	Design of rural road construction	Presentation & Discussion	
1.30 pm – 2.30 pm	Lunch		
2.30 pm – 3.30 pm	Rural Pavements design	Presentation & Discussion	
3.30 pm – 6.30 pm	Cross draining works of road construction like minor bridge and culvert	Presentation, & Discussion	
4th Day			
10 am – 12.00 am	Rural drinking Water treatment and water quality monitoring		
12.00 am – 1.30 pm	Environmental Engineering Rain water harvesting	Presentation & Discussion	



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Kolkata-700 108

1.30 pm – 2.30 pm	Lunch		
2.30 pm – 3.30 am	Design & Estimation of Check dam construction	Discussion	
3.30 pm – 5.30pm	Rural Sewage water treatment	Presentation & Discussion	
5.30 pm - 6.30 pm	Rural Solid waste management	Presentation & Discussion	
5th Day			
10 am – 12.00 am	Estimation and costing	Presentation & Discussion	
12.00 am – 1.30 pm	Surveying	Presentation & Discussion	
1.30 pm – 2.30 pm		Lunch	
2.30 pm – 3.30 am	Construction planning and Management	Presentation & Discussion	
3.30 pm – 5.30pm	Geographical Information System (GIS) for GP	Presentation & Discussion	
	Feedback & Vote of Thanks		

Soumya Purkait
(Soumya Purkait)

Soumya Purkait
Principal
Narula Institute of Technology
81, Nilganj Road, Agarpara
Kolkata-700 100

8

Section 1:

Construction Materials and Management:

Construction Materials: Structural steel - composition, material properties and behaviour; Concrete - constituents, mix design, short-term and long-term properties; Bricks and mortar; Timber; Bitumen. **Construction Management:** Types of construction projects; Tendering and construction contracts; Rate analysis and standard specifications; Cost estimation; Project planning and network analysis - PERT and CPM.

Concrete Structures: Working stress, Limit state and Ultimate load design concepts; Design of beams, slabs, columns; Bond and development length; Prestressed concrete; Analysis of beam sections at transfer and service loads.

Steel Structures: Working stress and Limit state design concepts; Design of tension and compression members, beams and beam-columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Plastic analysis of beams and frames.

Section 2:

Geotechnical Engineering

Soil Mechanics: Origin of soils, soil structure and fabric; Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Darcy's law; Seepage through soils - two-dimensional flow, flow nets, uplift pressure, piping; Principle of effective stress, capillarity, seepage force and quicksand condition; Compaction in laboratory and field conditions; Onedimensional consolidation, time rate of consolidation; Mohr's circle, stress paths, effective and total shear strength parameters, characteristics of clays and sand.

Foundation Engineering: Sub-surface investigations - scope, drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes - finite and infinite slopes, method of slices and Bishop's method; Stress distribution in soils - Boussinesq's and Westergaard's theories, pressure bulbs; Shallow foundations - Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations - types of piles, dynamic and static formulae, load capacity of piles in sands and clays, pile load test, negative skin friction.

Section 3:

Water Resources Engineering Fluid Mechanics:

Properties of fluids, fluid statics; Continuity, momentum, energy and corresponding equations; Potential flow, applications of momentum and energy equations; Laminar and turbulent flow; Flow in pipes, pipe networks; Concept of boundary layer and its growth.

Hydraulics: Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Kinematics of flow, velocity triangles; Basics of hydraulic machines, specific speed of pumps and turbines; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, slope profile, hydraulic jump, uniform flow and gradually varied flow. **Hydrology:** Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, flood estimation and routing, reservoir capacity, reservoir and channel routing, surface run-off models, ground water hydrology - steady state well hydraulics and aquifers; Application of Darcy's law.



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Irrigation: Duty, delta, estimation of evapo-transpiration; Crop water requirements; Design of lined and unlined canals, head works, gravity dams and spillways; Design of weirs on permeable foundation; Types of irrigation systems, irrigation methods; Water logging and drainage; Canal regulatory works, cross-drainage structures, outlets and escapes. 19 of 72

Section 4:

Environmental Engineering Water and Waste Water:

Quality standards, basic unit processes and operations for water treatment. Drinking water standards, water requirements, basic unit operations and unit processes for surface water treatment, distribution of water. Sewage and sewerage treatment, quantity and characteristics of wastewater. Primary, secondary and tertiary treatment of wastewater, effluent discharge standards. Domestic wastewater treatment, quantity of characteristics of domestic wastewater, primary and secondary treatment. Unit operations and unit processes of domestic wastewater, sludge disposal.

Air Pollution: Types of pollutants, their sources and impacts, air pollution meteorology, air pollution control, air quality standards and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and disposal).

Noise Pollution: Impacts of noise, permissible limits of noise pollution, measurement of noise and control of noise pollution.

Section 5:

Transportation Engineering

Transportation Infrastructure: Highway alignment and engineering surveys; Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments;

Highway Pavements: Highway materials - desirable properties and quality control tests; Design of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible pavement using IRC: 37-2012; Design of rigid pavements using IRC: 58-2011; Distresses in concrete pavements.

Traffic Engineering: Traffic studies on flow, speed, travel time - delay and O-D study, PCU, peak hour factor, parking study, accident study and analysis, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Control devices, signal design by Webster's method; Types of intersections and channelization; Highway capacity and level of service of rural highways and urban roads.

Section 6: Geomatics Engineering Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves. Photogrammetry - scale, flying height; Remote sensing - basics, platform and sensors, visual image interpretation; Basics of Geographical information system (GIS) and Geographical Positioning system (GPS).

BUDGET FOR FIVE (5) DAY TRAINING PROGRAMME UNDER ISGPP- II

Sl. No.	Description	Rate	Users(5Days 40 nos.)	Amount in (Rs.)
1	Accommodation for Participants: 5 days (1300*5*40)	1300	200	260000
2	Rent for Lecture Hall (5 *3000)	3500	5	17500
3	Fooding (300*5*40)	300	200	60000
4	Training kit (400*40)	400	40	16000
5	Training material including power point presentation and module wise write-up and pen drive	200	200	40000
6	Transportation	150	200	30000
7	Supporting staffs, banner,high tea during inauguration and closing ceremony			30000
8	Lecture fee (21*3000)	3000	21	63000
9	Total			516500
10	Administrative and Overhead charges (20%)	0.2		103300
11	Total for 40 participants 5 days course			619800
12	Total for 400 participants 5 days course			Rs. 6,198,000

NOTE: ABOVE BUDGET IS EXCLUDING TAXES AND DUTIES. Taxes and duties applicable shall be added on actual basis.

@ 15,495 / head .

Principal Madam .

10/08/17

ok
11/8/17

Principal
Kerala Institute of Technology
61, Manganj Road, Agarpara
Kolkata-700 100



Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Sangeeta
SO(H), P&CD, BARC
Programme Officer, BRNS
sangita@barc.gov.in

BRNS Secretariat, 1st Floor, CC
BARC, Mumbai-400 085
Phone: 25595179
FAX: 022-25505151

No.37(3)/14/27/2014-BRNS

0714-1

Date:

OFFICE MEMORANDUM

Sub: R/P entitled "Effect of external environment on the spectroscopic properties of atomic and exotic systems: Theory and Experiment" under Dr. Tapan Kumar Mukherjee, Dept. of Physics, Narula Institute of Technology, Nilganj Road, Agarpara, Kolkatta-700109, bearing sanction No.37(3)/14/27/2014-BRNS with BSC, BRNS

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for three years beginning from financial year **2014-15** with a total grant of **₹16,26,500/- (Sixteen lakh twenty six thousand five hundred only)** for the project as under:

Item of Expenditure	I year (2014-2015)	II year (2015-2016)	III year (2016-2017)
* Equipment	350000	0	0
\$JRF/SRF	192000	192000	216000
Consumables	50000	50000	50000
Travel	70000	70000	70000
contingency	40000	40000	40000
^Overheads	49650	23400	25200
Total	751650	375400	401200

* High Quality PC Server with Printer and server client

\$ JRF/SRF salary calculated @ Rs.16,000/- p.m. for first two years and on re-designation by Committee in 3rd year as SRF @ Rs.18,000/- p.m.

^ Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (₹98,250/-) shall be released only on meeting the requirements specified (See Annex-B).

Principal
Narula Institute of Technology
61, Nilganj Road, Agarpara
Kolkata-700109

MBR No _____
Date _____

NTT
INT
16/6/52
21/3/16

TO BE SUBMITTED IN TRIPLICATE

To
Head HRDG
CSIR Complex

WHILE CLAIMING THE GRANT MAY KINDLY BE
INSURED THAT STATEMENT OF ACCOUNT AND
UTILIZATION CERTIFICATE FOR THE PREVIOUS
GRANT HAVE BEEN SUBMITTED TO CSIR

GRANT-IN-AID-BILL

CSIR Sanction No. **09/1136(0001)/2015-EMR-I**

Dated **15/02/2016**

Name of the Fellows
(In case of single person)

SURAJIT SAHA

MBR- **3805**
31/3/16

RA
SRF Statement enclosed
JRF in triplicate
SPMF

Number of Research Fellows
(In case of consolidated bill)

Please send a consolidated bill of all RAs / Fellows as far as possible

PARTICULARS	AMOUNT OF GRANT			TOTAL	REMARKS
	STIPEND	CONTINGENCY	HRA		
1 Amount Sanctioned for the Year	2,18,548	14,590	32,782	2,65,920	15% HRA
2 Grant claimed for the period from 09/07/2015 to 31/03/2016					
DEDUCT					
3 Unspent Balance brought forward					
4 Net Amount Claimed	2,18,548	14,590	32,782	2,65,920	

1. Certified that the amount claimed in the bill will be utilized for the purpose it is sanctioned and in accordance with the terms and Conditions for CSIR Fellowship and Grants
2. Certified that the attendance records have been maintained & checked
3. Certified that the work of the Research Fellows/Associate for the past six months has been satisfactory
4. Certified that the persons for whom HRA is claimed have not been provided any accommodation and HRA claimed is as per Central/State Government norms
5. THE BANK DETAILS IN RESPECT OF HOST INSTITUTE AS STATED BELOW MAY ALSO BE FILLED IN TO AVOID DELAY IN PAYMENT

Name of the beneficiary Institution	NARULA INSTITUTE OF TECHNOLOGY
Bank Account No	34037009838
Nature of bank Account	SAVING
MICR No	700002458
Name of the Bank & Address	SBI, 110/F, NILGURHI ROAD, KOL-24 PG-5(N), W.B
Bank Branch Code	16642
IFS Code	SBIN0016642

Japan M. D. Perjice
Signature of the Supervisor/Guide

15/2/16
Counter-Signature & Designation
of Head of Institute
(Office Stamp)

(To be filled in by CSIR) Budget Head P-51-101
-EMR-I

Gr No _____ Dated **31/3/16**

Passed for Rs **2,65,920/-** (Rupees **Two lakh Sixty five thousand nine hundred and twenty only**)

Payment may be released in favour of

Director
Narula Inst. of Tech.
Kol. 24 PG-5(N) W.B.
Under Secretary/Section Officer
CSIR Complex
only (Rupees)

Sr. Finance & Account Office
CSIR Complex

The Payment through RTGS/NRE/FCST may also be released in favour of _____

Ad. No. _____ with IFS Code _____

SE-1 & VO (MRO)

Bill - 16/07/2016-1

Principal
Narula Institute of Technology
81, Nilguri Road, Agarpara
Kolkata-700 015



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
TECHNOLOGICAL DEVELOPMENT GROUP
[EXTRAMURAL RESEARCH DIVISION]

CSIR Complex, NPL Campus,
Pusa, New Delhi - 110012

No. 9/1136 (0001)

Dated 30/3/16

From: Head, ERDG

To: Director
National Inst. of Tech.
Kalkatta - 700109

Subj: Grant of House Rent Allowance/ Medical benefits to the CSIR Research Fellows/Associates.

Sir,

With reference to your letter No. _____ dated _____, I am directed to state that on the basis of certificate given by you the HEAD, ERDG (CSIR) has been pleased to sanction Rs. 32,782/- towards House Rent Allowance/ Medical benefits in respect of the following Research Fellow(s)/ Associate(s) at the rate period and amount mentioned against each: -

S.No.	Name	Rate	Period	Amount
-------	------	------	--------	--------

	Surajit Senha	9715-31376		32,782/-
--	---------------	------------	--	----------

32,782/-

The Expenditure will be met from the Budget Head P-S1-101 during the financial year _____.

Yours faithfully

[Signature]

SECTION OFFICER

Copy to:

1. F & AO (EMR)
2. Personal File
3. Bill File
4. Officer Copy.

[Signature]
Principal
National Institute of Technology
61, Nityanand Road, Agartala
Kolkata - 700014

File No 09/1136(0001)/2015-EMR-I

Date: 06/07/15

AWARDEE LETTER

To:

Mr. SURAJIT SAHA
COORD. TAPAN KUMAR MUKHERJEE
DEPT. OF DEPT. OF PHYSICS
NARULA INSTITUTE OF TECHNOLOGY KOLKATA
KOLKATA-700
Pin- 700109

Date of Examination: 21/12/2014
Roll Number: 655360

Sir/Madam

On the basis of your submission of Joining Report cum Undertaking & Allegation form CSIR now makes a formal offer of award of JUNIOR RESEARCH FELLOWSHIP as per details given below:

Name of Fellowship	JUNIOR RESEARCH FELLOWSHIP
Name of Supervisor	DR. TAPAN KUMAR MUKHERJEE
Department	DEPT. OF PHYSICS
Institute of Origin	Narula Institute of Technology
Date of Joining	09/07/2015
Stipend Rate (monthly)	Rs. 25,000/-
Contingency Rate (yearly)	Rs. 20,000/-
Grant Sanction upto	31 MARCH 2016
Stipend Amount	Rs. 218548/-
Contingency Amount	Rs. 14590/-
Total Amount	Rs. 233138/-

In addition to stipend & contingency as indicated above, you will also be entitled to House Rent allowance payable as per Central Govt norms. Guidelines governing the CSIR Fellowship are available on Human Resource Development Group website: <http://www.csirhrdg.res.in>

The JRF is for a period of 2 years from date of joining. You must be registered for PhD within this period. If you seek opportunities to visit abroad, details are available on website www.csirhrdg.res.in. The above mentioned File No. must be quoted in all future correspondence. You may send the grant claim bill in enclosed proforma through the University/Institute mentioned above.

The award of CSIR Fellowship does not imply any assurance or guarantee to subsequent employment by CSIR.

You are kindly advised to visit the HRDG(CSIR) website (www.csirhrdg.res.in) for rules/regulations governing the fellowship/associateship. You are also advised to submit Annual Progress Report alongwith other requisite documents well in time. Noncompliance of CSIR norms for submission of annual progress report alongwith other requisite documents within six months after completion of yearly tenure may result in termination of fellowship/associateship.


Yours faithfully,

(R K MEENA)
SECTION OFFICER
EMR-I
06/07/2015


Copy to:

Director, NARULA INSTITUTE OF TECHNOLOGY KOLKATA
KOLKATA-700109
Pin- 700109

With the request to send the following documents to this office: - Consolidated bill claiming grants in respect of new awardees showing the names, award number, date of joining and the amount admissible, in triplicate, as per enclosed bill form. The Grant sanctioned in this letter must be claimed within 15 days of the issue of this letter. Sanctions beyond 31st March 2016 will be sent through renewals.


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700109

To
The Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700109, West Bengal


0-9/7/15
Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata - 700 109

Date: 09.07.2015

Subject: Joining as a CSIR-JRF

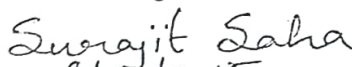
Sir,


I would like to inform you that I have joined as a CSIR **Junior Research Fellow (JRF)** under the supervision of **Dr. Tapan Kumar Mukherjee**, Department of Physics from the forenoon of **9th July, 2015**. A copy of the CSIR certificate along with the photocopies of all academic mark sheets and certificates are attached herewith.


Kindly allow me to work as a JRF in your Institution.

Thanking you,

With best regards


9/07/2015
Surajit Saha


9/07/2015
TAPAN KUMAR MUKHERJEE
Assistant Professor
Department of Physics
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata - 700 109


Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

WHILE CLAIMING THE GRANT MAY KINDLY BE
ENSURED THAT STATEMENT OF ACCOUNT AND
UTILIZATION CERTIFICATE FOR THE PREVIOUS
GRANT HAVE BEEN SUBMITTED TO CSIR

Dated 15/02/2016

GRANT-IN-AID-BILL

CSIR Sanction No. 09/1136(0001)/2015-EHR-I

HA
SRF
✓ JRF
SPMF

Statement enclosed
in triplicate

CSIR Sanction No. 01/2019
Name of the Fellow
(In case of single person)
SURAJIT SAHA

Number of Research Fellows
(In case of consolidated bill)
Please send a consolidated bill of all RAs / Fellows as far as possible

PARTICULARS	AMOUNT OF GRANT			TOTAL	REMARKS
	SCHOLARSHIP	CONTINGENCY	HRA		
1. Amount Sanctioned for the Year	2,18,548	14,590	32,782	2,65,920	15% HRA
2. Grant claimed for the period from 02/01/2015 to 31/03/2016					
3. Unspent Balance brought forward					
4. Net Amount Claimed	2,18,548	14,590	32,782	2,65,920	

- Certified that the amount claimed in the bill will be utilized for the purpose stated above.
- 1 Certified that the amount claimed in the bill has been maintained & checked
conditions for CSIR Fellowship and Grants
- 2 Certified that the attendance records have been maintained for the past six months has been satisfactory
accommodation and HRA claimed is as per
- 3 Certified that the work of the Research Fellow / Associate for the past six months has been satisfactory
and HRA claimed is as per
- 4 Certified that the person for whom HRA is claimed have not been provided any accommodation and HRA claimed is as per
Central State Government norms
- 5 Certified that the person for whom HRA is claimed have not been provided any accommodation and HRA claimed is as per
Central State Government norms
- THE BANK DETAILS IN RESPECT OF HOST INSTITUTIONS STATED BELOW MAY ALSO BE FILLED IN TO AVOID DELAY IN PAYMENT**
- NARULA INSTITUTE OF TECHNOLOGY**
34037009838

1	Certified that the work of the Research	
2	Certified that the persons for whom IIRA is claimed	
3	Certified that the persons for whom IIRA is claimed	
4	Certified that the persons for whom IIRA is claimed	
5	Certified that the persons for whom IIRA is claimed	
	THE BANK DETAILS IN RESPECT OF HOST INSTITUTIONS AS STATED BELOW	
	DETAILED IN PAYMENT	
	NARULA INSTITUTE OF TECHNOLOGY	
	34037009838	
	SAVING	
	7000002458	
	SBI, 150/F MILGUNT ROAD, KOL-24P63(W)	
	11142	
	SBIN0011142	
	15/11/16	
	Counter-Signature & Designation	
	Head of Institute	

15/11/16
 Counter-Signature & Designation
 of Head of Institute
 (Office Stamp)

Signature of the Supervisor/Guide

(To be filled in by CSIR) Budget Head P-81-101
-EMR-I

Dated

152

Of No. _____ -EMR-I
Passed for Rs. _____ Rupees

Payment may be released in favour of

Under Secretary/Section Officer
CSIR Complex
only (Rupees

1945

Sr. Finance & Account Office
CSIR Complex

The Payment through RTGS/NIFT/CS may please be released in favour of _____

AA No. No.

SC. 18 VOL (CENTRO)

Principal
Harcis Institute of Technology,
81, Naganj Road, Agarpara
Kolkata-700 109

GOVERNMENT OF WEST BENGAL
Department of Science & Technology
Bikash Bhawan, 4th floor

Tel: 25693717

Fax:

Date: 11/02/2016

Memo No: 1009(Sanc.)/ST/P/S&T/3G-4/2015

Sanction Order for Grant-in-Aid

Demand No.: 48 Department Code: ST Financial Year: 2015 - 2016

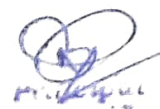
1. Sanctioning Authority: Science & Technology
2. Name of the Grantee Institution: Narula Institute of Technology.
3. Address of the Grantee Institution: 81, Nilgunj Road, Agarpra, Kolkata-109.
4. Category of Grantee Institution: Education Institution
5. Amount Sanctioned: 50000 (in words Rs. Fifty Thousand Only.)
6. Name of the DDO: OSD AND DDO, DEPTT.OF SCIENCE AND TECH.
7. Department Code: ST-Science & Technology
8. Name of the Treasury/PAO: Pay & Accounts Officer-III, PAO-III
9. Nature of Grant (a) Recurring or Non-recurring: Non-Recurring
(b) Capital or Revenue: Revenue
10. Condition of Grant Utilisation Certificate required: Yes
11. Category of Grant: Education Institution
12. Purpose of Grant: Three days Entrepreneurship Awareness camp (EAC).
13. An amount of Rs 50000 is hereby allotted for this period in favour of the OSD AND DDO, DEPTT.OF SCIENCE AND TECH. From the head of account 3425-60-200-SP-001-31-02-V from the budget provision of the financial year, 2015 - 2016 under Demand No.48 Department Code ST and payable to Grantee Institution or by A/c payee cheque/by transfer credit.
14. Head of Account Code: 3425-60-200-SP-001-31-02-V
15. Name of the Scheme: Financial Assistance to other Scientific Bodies for undertaking Scientific Projects/ Surveys/ Research/ Training and Science Awareness & Science Popularisation programme (State Share)
16. The amount will be drawn in T.R. from No.31/32/43
17. The sanctioned amount will be payable to Narula Institute of Technology. by Transfer Credit to the Head of Account of the LF/PL/Deposit Account of the Grantee Institution or by A/C payee Cheque as applicable
18. Remarks: Rs. 50,000/- will be transferred through e-Pradan system to Narula Institute of Technology A/C No 34036900848(SB), IFSC CODE SBIN0016642, Mobile No. 9433035580.
F. D. Memo. No 1250 -F.B. dtd. 13.01.2016.

19. Total released amount is within the Budget Provision of the above mentioned head of account during 2015 - 2016

20. This order issues in exercise of the power delegated under Finance Department Memo. No. 460-F.B. dated 21 07 2015 with the concurrence of Finance Deptt. vide Gr. F.A. Branch U.O. No. 722 F.A./Education Date 09/10/2015

OSD

Science & Technology


Narula Institute of Technology
81, Nilgunj Road, Agarpra
Kolkata-700 109


Annexure-IV

UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG
NEW DELHI-110002

Utilization certificate

Certified that the grant of Rs.4, 81,200/- (Rupees Four lakh eighty one thousand two hundred only) & Rs. 1,10,000/- (Rupees One lakh ten thousand only) received from the University Grants Commission under the scheme of support for Major Research Project entitled vide UGC letter No. F.5-493/2012(HRP) Dated: 27/01/2014 during the period from 06.02.2014 to 31.08.2014 & 01.09.2014 to 30.11.2015 respectively. Out of which Rs.4,25,200/-has been utilised in First phase (06.02.2014 – 31.08.2014) and Rs.1,66,000/- (One lakh sixty six thousand) has been utilised in final phase (01.09.2014 – 30.11.2015) for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission. First phase utilization certificate duly submitted on 04.09.2014, may kindly be referred to.



SIGNATURE OF THE
PRINCIPAL
INVESTIGATOR

REGISTRAR/PRINCIPAL


STATUTORY

M. No. 51187




SIGNATURE OF THE CO-
INVESTIGATOR

Narda Institute of Technology
81, Nilganj Road, Agartala
Tripura-791005


Principal
Narda Institute of Technology
81, Nilganj Road, Agartala
Kolkata-700 105