

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23600978

43rd Series of Student Project Programme: 2019-20

LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

44) Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU

236.	43S_BE_2011	TOWARDS MANY TO MANY COMMUNICATIONS AMONG DEAF, DUMB AND BLIND USERS	COMPUTER SCIENCE AND ENGINEERING	B.E.	STREAM A	Mrs. VINUTHA H.	Ms. MEGHA V. Ms. YASHIKA H.R. Ms. KRUPA K. Ms. CHAYA G.	5500.00
237.	43S_BE_2313	DESIGN AND ANALYSIS OF 10 PORT ROUTER FOR NETWORK ON CHIP	TELE COMMUNICATION ENGINEERING	B.E.	STREAM A	Dr. YAMUNA DEVI C.R	Mr. DHEERAJ S E Mr. LATHIF SHARIEFF Ms. NISHA SINGH Ms. SABIHA KHANUM Z	5500.00
238.	43S_BE_2555	SMART WEARABLE SYSTEM FOR ASTHMA PATIENTS	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	STREAM A	Mrs. HAMSA REKHA. D	Ms. RAMYA SHREE. E.M Ms. BRUNDA.S Ms. AKARSHA S N Ms. SUNITHA N S	6000.00
239.	43S_BE_2849	AUTOMATED SYSTEM FOR EYE SCAN	MEDICAL ELECTRONICS	B.E.	STREAM A	Dr. SHANTI K J	Ms. SHREYA P R Ms. CHAITRA M M Ms. RANJITHA B M Ms. SREEHARSHA G	3000.00

Note:

- The sanctioned amount will be sent separately by KSCST to the College in the name of the principal by NEFT transfer. The details of transaction no. and date will be intimated.
- The evaluation of above projects will be conducted at the nodal centres in the month of May / June 2020. Participation in the evaluation process at the nodal centres is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Further projects will be shortlisted for state level seminar & exhibition which will be conducted during July / August 2020.
- After completion of the projects, the hard copy and soft copy (PDF format only) of the report needs to be sent to KSCST without fail.
- Any corrections with respect to the names of the guide and students should be requested at spp@kscst.iisc.ernet.in.



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

Ref: 7.1.01/SPP/953

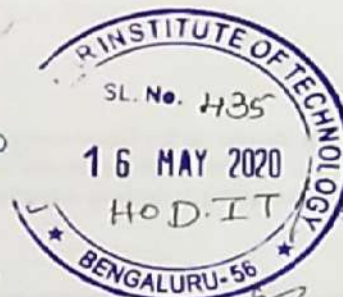
16th March 2020

The Principal,
Dr. Ambedkar Institute of Technology,
Bengaluru - 560 056.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_2555**

Ref : Your Project Proposal entitled " **SMART WEARABLE SYSTEM FOR ASTHMA PATIENTS**



We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Ramya Shree. E.M Ms. Brunda.S Ms. Akarsha S N Ms. Sunitha N S	Budget	
		Particulars	Amount (Rs.)
Guide/s	Mrs. Hamsa Rekha. D	Travel	500.00
	-	Miscellaneous	500.00
Department	Electronics And Instrumentation Engineering	Report	500.00
		Total	6,000.00
Six Thousand Rupees Only			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



Dr. Ambedkar Institute of Technology
AICTE Margdarshan Scheme
Statement of Expenditure



AICTE File No : Ref.No.58-14/RIFD/Margdarshan/2019-2020 Dated : 06-09-2019
Title of the Programme : Release of Grants Under Share & Mentor Institutions (Margdarshan) Scheme
During the Current Financial Year 2019-2020
Name of the Coordinator : Dr. M Meenakshi

Grant Sanction number and date	Grant Sanctioned	Details of Expenditure	Amount Rs.
Ref.No. 58-14/RIFD/Margdarshan/2019-2020 6th September 2019	18,00,000.00	Honorarium for experts	2,56,000.00
		TA/DA Expenses	85,950.00
		Refreshment Charges	1,02,170.00
		Departmental Contingency	46,350.00
		Printing & Stationery	35,307.00
		Grand Total	5,25,777.00
		Grants Received	18,00,000.00
		Interest Accrued	1,08,843.00
		Grants + Interest	19,08,843.00
		Balance As on 19.03.2022	13,83,066.00

Note:-

[Signature]
Professor & Head
Department of Instrumentation Technology
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.

[Dr. M. Meenakshi]

[Signature]
for Accounts Officer
Dr. Ambedkar Institute of Technology
Mallathahalli, Bengaluru-560 056
[Vijayalakshmi. R]

[Signature]
Principal
Dr. Ambedkar Institute of Technology
Bangalore - 560 056

[Dr. M. Meenakshi]

For SBA Associates
Chartered Accountants
FRN 308136E

[Signature]
CA. Santhoshra Kumar
Partner
M.No. 217496

22/3/22

Dr. Ambedkar Institute of Technology

Aided by Govt. of Karnataka, BDA Outer Ring Road, Bangalore - 560056

UTILIZATION CERTIFICATE FOR THE YEAR 2019-2020 & 2020-2021

Name of the Scheme under which Grant was sanctioned: All India Council for Technical Education (AICTE) MARGDARSHAN SCHEME

AICTE File No.: Ref.No.58-14/RIFD/Margdarshan/2019-2020

Name of Co-coordinator : Dr. M Meenakshi

Title of the Programme: "Release of Grants Under Share & Mentor Institutions (Margdarshan) Scheme During the Current Financial Year 2019-2020".

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	Ref.No.58-14/RIFD/Margdarshan/2019-2020 6 th September 2019	18,00,000/-	Certified that out of the grant-in-aid of Rs. 18,00,000/- (Rupees Eighteen Lakhs only) sanctioned by the AICTE during the financial year 2020 in favor of <u>Dr. Ambedkar Institute of Technology</u> as per letter mentioned in the margin, Rs.0 /- on account of unspent balance of previous year, Rs. 0/- on account of other income / receipts, a sum of Rs. 5,25,777/- has been utilized for the purpose for which it was sanctioned and the balance of Rs. 12,74,223/- and interest accrued of Rs. 1,08,843/- totaling to Rs. 13,83,066/- Remaining unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: - 1. Bank Statement 2. Payment Vouchers.

[Signature]
Professor & Head
Department of Instrumentation Technology
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.
[Dr. M. Meenakshi]

[Signature]
Principal
Dr. Ambedkar Institute of Technology
Bangalore - 560 056
[Dr. M. Meenakshi]

[Signature]
for Accounts Officer
Dr. Ambedkar Institute of Technology
Mallathahalli, Bengaluru-560 056
[Vijayalakshmi.R]

For SBA Associates
Chartered Accountants
FRN 308136E

[Signature]
CA. Santhosha Kumar
Partner
M.No. 217496

22/3/22



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

UBA- Sanction Letter



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

As per
20/7
27/7/19

Sub: Release of a sum of Rs. 381000/- for conduct of Unnat Bharat Abhiyan (UBA)-reg

Sir,

This is to convey the sanction of the Council for payment of Rs. 381000/- (Rupees Three Lakh Eighty-One Thousand only) for conduct of UBA project on **IMPLEMENTATION OF DRINKING WATER FACILITY AND LIGHTING FACILITY TO THE RURAL PLACE TO DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, BANGALORE** Urban Pin No -560056, Karnataka under the scheme of Unnat Bharat Abhiyan (UBA):

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of the institute through RTGS
- This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
- The sanctioned amount is debit to the major head: 602.19.a (Non-plan) UBA and is valid for payment during the financial year 2019-20.

The instructions/guidelines to be followed by University/Institution

1. 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
AAATP1325M	SYNDICATE BANK	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY BRANCH	MALLTHAH ALLI, NAGARABH AVI 2ND STAGE	Principal, Dr. AIT	Saving Account	0486201 0032608	SYNB0000486

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

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order no F No 52-3 /RIFD/UBA/Policy-1/2017-18 dated-06.06.2019 issued by this office unless and otherwise mentioned herein.
- 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 date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE.
- The University/College/Institute shall maintain an audited record of assets acquired wholly or substantially out of the grant and a register of assets shall be maintained by the Institute in the prescribed form, i.e. General Financial Rules (GFR)-19.
- The University/College/Institute shall utilize grant only on approved items of expenditure and maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Govt. of India.

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New Delh
30 056

Dated: 27 June 2019

Dated: 27 Jun

- g. The Institute/College/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.

II. Disbursement of funds to institutions

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. 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 2019-20.
- c. 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 refund the interest amount to AICTE.

III. Submission of documents by university/institution

- a. The following mandatory relevant documents are required to be submitted by the university/institution after completion of the project.
- (i) Audited Utilization Certificate,
 - (ii) Receipt & Payment account,
 - (iii) Annual Progress Report,
 - (iv) General Financial Rules (GFR-19),
 - (v) Feedback Form.
 - (vi) Project completion Report (*formats are enclosed*).
 - (vii) 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 within one month of completion of financial year. It should contain the head-wise break-up of expenditure made from the grant-in-aid provided by the Council along with photocopies of Bills/Cash memos on account of items purchased under non-recurring head duly attested by Head of Office.
- 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 shall be adjusted.

IV. General instructions

- a. Duration of the project will be 2 years. The requisite documents must be submitted to AICTE after completion of the project.
- b. The acceptance letter of sanction order should reach this office within 15 days from the date of receipt of the Sanction order duly signed by Coordinator and Head of the institutions.
- c. The outcome of the proposal as mentioned in the original proposal be submitted to AICTE within 15 days of receipt of the sanction order.
- d. 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 the Principles of the Scheme.
- e. The Annual Progress Report in the prescribed format indicating the progress and the status of the grant-in-aid utilized in the previous financial year shall be submitted to AICTE not later than one month of the following financial year.
- f. The University/Institute shall follow the terms and conditions as laid down by the Council from time to time.
- g. The Grantee Institution shall follow strictly all the instructions issued by the Government of India from time to time with regard to reservation of posts for Scheduled Castes and Scheduled Tribes. The grantee institution shall utilize the fund as per the guidelines of the scheme.

Dated: 27 June 2019

- g. The Institute/College/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.

II. Disbursement of funds to institutions

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. 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 2019-20.
- c. 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 refund the interest amount to AICTE.

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- (i) Audited Utilization Certificate,
 - (ii) Receipt & Payment account,
 - (iii) Annual Progress Report,
 - (iv) General Financial Rules (GFR-19),
 - (v) Feedback Form.
 - (vi) Project completion Report (*formats are enclosed*).
 - (vii) 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 within one month of completion of financial year. It should contain the head-wise break-up of expenditure made from the grant-in-aid provided by the Council along with photocopies of Bills/Cash memos on account of items purchased under non-recurring head duly attested by Head of Office.
- 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 shall be adjusted.

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- c. The outcome of the proposal as mentioned in the original proposal be submitted to AICTE within 15 days of receipt of the sanction order.
- d. 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 the Principles of the Scheme.
- e. The Annual Progress Report in the prescribed format indicating the progress and the status of the grant-in-aid utilized in the previous financial year shall be submitted to AICTE not later than one month of the following financial year.
- f. The University/Institute shall follow the terms and conditions as laid down by the Council from time to time.
- g. The Grantee Institution shall follow strictly all the instructions issued by the Government of India from time to time with regard to reservation of posts for Scheduled Castes and Scheduled Tribes. The grantee institution shall utilize the fund as per the guidelines of the scheme.

Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

The Enclosed documents are verified and approved



HOD,ISE
HEAD

Dept. of Information Science & Engg.
Dr. Ambedkar Institute of Technology
Bangalore-560 099.

re:29.11.2019

F.No.9-56/RIFD/MOD/Policy-I/2018-19

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



MODROB - Sanction Letter

F.No.9-56/RIFD/MOD/Policy-I/2018-19

Date:11.12.2019

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.350000/- (Rupees Three Lakh Fifty Thousand Only) being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2019-20- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of Rs.350000/- (Rupees Three Lakh Fifty Thousand Only) as Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGALORE-560056 KARNATAKA Karnataka -560056		
2.	Title of Project:	BIG DATA LAB		
3.	Name of Coordinator:	Dr. NANDINI PRASAD SHIVAPRASAD		
4.	Duration of the project:	2 Years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.350000/-	Non-Recurring (85%): Rs.297500/-	Recurring (15%): Rs.52500/-
5.	Amount to be released during the year 2019-20:	1st Installment Rs.350000/-	Non-Recurring (85%): Rs.297500/-	Recurring (15%): Rs.52500/-
6.	Sanctioned grant-in-aid is debit to:	Major Head 601.18(a) Gen. (Plan Head)		

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 account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
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.

THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY UNIVERSITY/INSTITUTION

I. Release of funds:

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the under mentioned bank account/RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Branch Address	Account Holder Name	Account Type	Account Number	IFSC
AAATPI 325M	SYNDICATE BANK	dr. ambedkar institute of technology branch	MALLTH AHALLI, NAGARA BHAVI 2ND STAGE	principal	Saving Account	04862010000 046	SYNB000 0486

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

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

II. Maintenance of accounts:

- a) The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-56/RIFD/MOD/Policy-I/2018-19 Dated 15.11.2019 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained
- b) Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.
- c) The University/College/institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- d) The Council or its nominee shall have the right to check /verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- e) 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.
- f) After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

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

- a) If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2019-20, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- b) If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- c) In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.
- d) It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- e) As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

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

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

- a) Feedback form in the prescribed proforma.
- b) The Annual Progress Report (APR) in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c) The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.

re:29.11.2019

F.No.9- 56 /RIFD/MOD/Policy-I/2018-19

- d) In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e) Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be asunder:
- i. Principal/Director/Registrar of the Institution(Chairperson)
 - ii. Coordinator of the project (Member Secretary),
 - iii. Two HODs and one subject expert(Members).
 - iv. The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.
- f) Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g) Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h) Photographs of equipment's purchased.
- i) The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

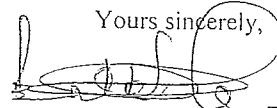
V. General instructions

- a) The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
- b) Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-56/RIFD/MOD/Policy-1/2018-19 in your future correspondence.
- c) The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
- d) The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- e) The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f) The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

List of Equipment's approved :

Name of Equipments
INTEL CORE I7- 16GB RAM Laptops

Yours sincerely,



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

16 DEC 2019

Date: 29.11.2019

F.No.9-56/RIFD/MOD/Policy-I/2018-19

Copy forwarded for information and necessary action to:

1. Name and Address of the Coordinator,
Dr. NANDINI PRASAD SHIVAPRASAD,
DR. AMBEDKAR INSTITUTE OF TECHNOLOGY,
OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS,
MALLATHAHALLI, BANGALORE-560056 KARNATAKA Karnataka -560056
2. The Registrar / Director / Principal,
DR. AMBEDKAR INSTITUTE OF TECHNOLOGY,
OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS,
MALLATHAHALLI, BANGALORE-560056 KARNATAKA Karnataka -560056
3. Guard File

Prof. Dileep N. Malkhede
Advisor-1 (RIFD)



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.
Research and Development Cell

Dr. AIT/R&D/2019-20/31

Date:20-05-2020

To

Dr. S.Baskaran
Associate Professor
Department of Master of Business Administration
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Cross Marketing Strategies of Financial Products of the Public Sector Banks in Bangalore City" submitted by Dr. M. Mahadeva and Dr. S.Baskaran - Reg.

Ref No: Dr. AIT/R&D/2019-20/

Dated: 20/05/2020

Sir/Madam,

With reference to the above subject, the project proposal entitled "Cross Marketing Strategies of Financial Products of the Public Sector Banks in Bangalore City" submitted by **Dr. M. Mahadeva and Dr. S.Baskaran, Principal Investigator**, Department of Master of Business Administration of Dr. Ambedkar Institute of Technology (Dr. AIT), Bengaluru-560 056 is sanctioned with a grant of Rs 3,50,000/- (Rupees Three Lakh Fifty thousand only) for a period of 18 months.

The details of the grant for which the total allocation of Rs. 3, 50,000/- are as follows

Expenditure details	12 Months (Rs)	6 Months (Rs)	Total in Rupees
Consumables and conference registration	30000.00	20000.00	50000.00
Travelling Expenses data collection	20000.00	80000.00	100000.00
Investigators hired for data collection	72000.00	72000.00	144000.00
Books	56000.00	0.00	56000.00
Total	178000.00	172000.00	350000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Co- Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

Research and Development Cell

- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr. AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Thanking you,

With Regards

Signature

Dr.C.Nanjunda Swamy

Principal

20/11/2020

Principal

Dr. Ambedkar Institute of Technology
Bangalore - 560 056

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Head, Account Section, for information
3. Registrar/AAO, for information
4. Dean (R&D) for file.
5. PA-Principal for file

Research Proposal on Cross Marketing Strategies of Financial Products of the Public Sector Banks in Bangalore City

M. Mahadeva & S. Baskaran

Introduction

Cross marketing strategies has been one of the business models of the financial institutions through which a product of one agency is marketed by other agency for various gains and benefits. This strategy is being adopted by the financial institutions to earn non-fund income from the owner institutions of the products, in addition to marketing of their own financial products. Many a time, cross marketing is adopted to develop good will and social capital between the financial institutions, which are beyond the economic considerations. Of late, cross marketing exists in almost all financial institutions, which is perceived to be beneficial not only for banks but also for its customers. Cross marketing is beneficial for banks in many ways- (a) Access or acquire new customers with the existing customer and the cost of approaching being much less. It reduces per customer cost and increases per customer earning; (b) It has a benefits of economies of scale, which increases the profits besides being a single window operations; and (c) It helps in building brand value for the loyal customers. In that case the likelihood of shifting the business dealings to another institution is reduced substantially. Similarly, customers are also benefits from cross marketing in many ways: (a) The major benefit is that customers get all their financial needs fulfilled at one place like insurance and mutual fund needs from the same bank besides banking needs; (b) Customers gets opportunity to opt out to any other bank, that proves to be more trustworthy; (c) Cross selling helps in building a good relationship between the customers and employees, as both bank and bank customers are well acquainted with each other. Thanks to the growing competitions and the business environment, which have prompted for customer centric. Today, because of the associated advantages in the cross marketing, this strategy has also entered the retail business, including online retail, if not at large scale. Exploring the nature of the cross marketing in the service industry like banking sector is the thrust of this research, in a fast growing metropolitan city of Karnataka viz, Bengaluru, which has housed twelve major public sector banks with over seven hundred networking branches.

Statement of the Study

In the present competitive business environment, banks have resort to new business methods that are not necessarily fund based or without investing the public funds in marketing the various financial products of other financial institutions. This method is being practiced not only to earn non-fund income but also to facilitate the customers with additional financial services like marketing of insurance services, capital market products etc. The influence of cross marketing is such that it has annoyed the customers sometimes, especially when customer is in hurry and just wants to make a quick transactions and when the bank employee try to sell more than he or she has asked. This raises an important question as to why banks should consider cross marketing at all. Let us consider the most common products a bank has to offer: savings accounts, checking accounts, business accounts, savings bonds, mortgages and credit cards of its own at a given price. If another bank gives a better rate for these products, the customer won't hesitate to transfer his

transaction accounts. When conducting business, many customers may be put off by a hard sale, an employee that pushes them hard to purchase a product they may not need or want. However, if a person has all financial accounts with the same bank, they may feel more loyal to that company; there's a sense of ownership involved in maintaining all financial products at the same place. Thus, it would take a great deal of enticement to lure this customer away from their primary bank for banking services. Engendering loyalty accomplishes two primary goals of any business: repeat customers and reduced costs associated with gaining new customers. It costs far less to cross-sell items to existing customers than it to new customers.

Review of the Literature and Research Gap

A comparative case study of the cross marketing practices in public and private sector banks revealed that the cross marketing practices in public sector and private sector banks are quite different. These differences emerge mainly due to different philosophy, background and distinct target customer segments. It is found that these banks have become interdependent on each other. Public sector banks can introduce specialized training and incentives whereas, the private sector banks need to introduce appropriate control mechanisms and avoid indiscriminate cross marketing. The study also brings out the elements of successful cross marketing practices in India (Richa Vyas 2006).

Anurag Kumar (2012) explored the necessity of cross-selling to accelerate the profit and cross-selling is operated in many large organizations. The cross-selling is applicable in banks and it can improve the profit of the bank. The paper ponder over the meaning, existence, types, scope, benefits, and limitations of cross selling. It describes that the "Cross-selling simply means the seller can increase the size of the customers' order by offering other related items, which may be used along with the product already purchased by customers." The paper describes the scope in various sectors such as Banking sector, insurance sector, Automobile sector, Electronic sector, Footwear and garment sector. The paper mentions the benefit in terms of cost reduction and various benefits to banks, customers and insurance company.

Butera (2000) Customer feels contented with the services provided as customer avails services with investing into the bank and this makes easier to cross sell an additional product or services which generates added revenue at an acquisition cost to be lower.

Gertner et al (2000), identified the emerging difficulties caused by implementing a cross-selling program for a US bank. The developing aspects were studied, which resulted on Cross-selling efforts.

Girish P B in the Article mentions that the cross marketing is adopted to be right strategy for a healthy bottom line (2010) and found that every bank decides it's logical relationship with customer by understanding the requirement of customer, the cross selling can be approached. This business warrants employees trained and motivation to sell by rewarding the employees.

Jatin Pandey and Sanjana Mutt (2012) identified that the cross selling practices adopted in public sector and private sector banks are different where prior focuses on technological up gradation and sales is encouraged by aggressive cross selling which may lead to failure in retaining customers and the customers are furious and were later demands for technological improvement.

Kerry Mundt, Byron Sharp & John Dawes (2003), extends formal knowledge concerning loyalty to identify patterns in multi-product loyalty in financial services. The study found that (1) the average number of financial services products per customer is around "2" per customer; (2) financial institutions typically are the main for two thirds of their customer base; and (3) financial institutions typically have around 30-35% of the 'share of wallet' of their customers. These patterns are very similar to the well-established patterns within single repertoire product categories (e.g, grocery products). The main interpret is that these findings cautioned the 'cross selling' is a difficult route for growth in financial services.

Krishna Reddy & Sudhir Reddy (2015), Marketing of Banking Services: A Comparative Study on Some Selected Private Sector Commercial Banks in Khammam City. This paper focused on the financial product marketing strategies adopted by different Private Sector Commercial Banks in Khammam city with a view to identify what they are now doing in this regard and what are the future prospects of marketing of financial products. The study finds that there is a need to develop more effective marketing strategies suitable for long-term growth of these banks. The study also finds that they have very vague idea about Customer Relationship Management, although they claim that they practice it.

W Michael Scott (2014) in the Article "Strategies for Cross-Selling Success" focuses on the potential of every bank to cross sell, to boost up the revenue of the bank. The sales opportunities can be increased with training to staff may increase the number of product per customer for which staff can be rewarded.

Wittmann, Georg (2011) Studied the influencing factors potential for SME customers for cross-selling and foresee the benefit of the possibility that SME to be offered with more appropriate financial services, which may lead to a win-win-situation between the banks and their customers and variables such as demographic, past purchase, and psychographic information were used and found the probability of purchase is estimated for each customer.

Yasar F. Jarrar & Andy Neely (2001) in partnership with a major UK bank, provides an overview of the validity of the 'sales through service' concept and identified the requirements for a successful cross-selling system. It is found that external input to the current initiative already underway at the bank is indeed necessary. The research also summarised what is believed to be a considerable gap between what CRM (?) literature publishes and the actual implementation in 'real-life' organizations. However, it concludes for developing the cross-selling initiative at the bank.

It can be witnessed that there are many studies conducted over the various aspects of cross marketing practices of the financial products of banks. However there are many deficiencies and limitations in these studies. They includes (a) exclusive studies on the

policies and practices of the cross marketing of the public products of the public sector banks; (b) the benefits of cross marketing in terms of the non-fund income, social capital and other benefits that accrues to the financial institutions; (c) nature and character of the financial products that are mostly marketed through cross marketing; (d) Such studies are altogether missing at the regional level, particularly at the most vibrant and business oriented urban setup like Bangalore city, which can be characterized as populous, higher presence of the financial institutions, higher demand for cross marketing, higher bank-population ratio and so on. Perhaps these issues are the focus of this research, in addition to the other issues. The other focus being throwing and capturing the whole gamut of the cross marketing strategies of the public sector bank in Bangalore city. It is all the more necessary for the study given the competitive business environment with many financial service providers both in the public, private and third sector. An understanding of the cross marketing business from the view point of the public sector banks would pave ways for the others to expand this business at the cost effective framework with the policy implications.

Specific Objectives

This study has as number of objectives as detailed bellow:

1. To comprehensively study the traditional banking products with respect to public sector banks in Bengaluru City;
2. To review the circumstances that prompted to introduce non-traditional financial products/services of the banks;
3. To capture and highlight the characteristic features of the financial products being cross marketed across the banks;
4. To discuss about the marketing strategies of the cross marketable products across the banks;
5. To assess the benefits of the cross marketing of the financial products, in terms of the direct and indirect benefits to the financial institutions;
6. To ponder over the constraints of the cross marketing of the financial products from customers and the institutions perspectives; and
7. To offer the policy implications of the cross marketing business of the public sector banks.

Hypotheses

1. Given the erosion of the fund based revenue income, big size banks particularly the public sector banks have resort to and evolved the various strategies to increase the non-fund based strategies to earn revenue income;
2. Public sector banks have been facing stringent competitive business environment, especially from the entry of the private sector and foreign banks, which has contributed for the erosion of revenue income;
3. Increasing cost of operations especially on the establishment, expansion, adoption of new technology and many other factors have compelled to earn non-fund based income;
4. Cross marketing of non-traditional financial products of the other institutions has been a new avenue for additional income and to facilitate the bank customers.

Methodology and Data Base

The study is exploratory and descriptive in nature. The researchable issues and the objectives would be analysed from the view point of the financial institutions that have introduced financial services and produced designed for the cross marketing and the institutions that have been marketing the products. Additionally, the perception of a good number of customers who have been involved in the cross marketing business would be captured and analysed. The study will be conducted among all the twelve public sector banks in Bengaluru city, at their corporate or regional level depending on their presence. The information pertaining to the design of the cross marketable products, marketing strategies, business network and operational challenges would be collected from the corporate offices. Similarly, information on the pros and cons of the marketing and of the traders would be collected from the customers using the stratified sampling method for the data collection. The primary data will be collected from all the stakeholders of the banks with structured questionnaire, which will be analysed and the research results would be presented.

Financial Requirements and Outcome of the Study

The study involves collection of secondary as well as primary data, through visits and the structured questionnaire. This would be done by the investigators hired for the purpose for at least six months. This involves travelling expenses of the investigators besides professional fees, purchases of books and supporting materials, consumables, conference registration etc. The report would be prepared based on the analysis and inputs over the presentation. To meet these major expenses, the tentative financial requirements would be in the order of Rs. 3.50 Lakh (Rupees Three Lakh Fifty Thousand Only). The study would be completed in 18 months' time.

The details of Financial Requirements are;

Expenditure Details	12 Months (Rs.)	6 Months (Rs.)	Total Amount (Rs.)
Consumables and Conference Registration	30,000	20,000	50,000
Travelling Expenses for data collection	20,000	80,000	1,00,000
Investigators hired for data collection	72,000	72,000	1,44,000
Books	56,000	0	56,000
Total	1,78,000	1,72,000	3,50,000

Based on the findings of the research, further research can be suggested or undertaken with funding from outside, besides documenting the report in the department. One or two research articles would be published acknowledging the financial support of the institution to create awareness among customers and financial institutions. The report can also be submitted to the Ministry of Finance, Govt. of India to enhance the banking business for the benefit of socio-economic development. Lastly, the researcher can use the research information for any other academic purposes.

References

1. Anurag Kumar (2012). Cross selling with special reference to State Bank of India. International journal of social sciences and interdisciplinary research vol.1 no.6, ISSN 22773630. 116-123.
2. Butera A (2000). Cross-selling: Capitalizing on the opportunities. Hoosier Bank, 87(7):14-16.
3. D.N.V.Krishna Reddy & Dr. M.Sudhir Reddy (2015). Marketing of Banking Services: A Comparative Study on Some Selected Private Sector Commercial Banks in Khammam City.
4. Gertner R Kenz and Simester (2000). Impediments to cross selling of financial services M.I.T. working paper, Chicago.
5. Girish P B (2010). Cross Selling at Banks: Adopting the Right Strategy for a Healthy Bottom Line.
6. Jatin Pandey and Sanjana Mutt (2012). A comparative study on cross selling practices in public sector and private sector banks of Mysore, Abhinav national monthly refereed journal of research in commerce & management volume no.1, issue no.6 ISSN 2277-1166.
7. Kerry Mundt, Byron Sharp & John Dawes (2003). An Investigation of Multi-Product Loyalty in Financial Services.
8. W Michael Scott (2014). Strategies for Cross-Selling Success, BAI, Banking Strategies, Marketing & Sales, BAI.
9. Wittmann, Georg, (2011). IBI research at the University of Regensburg, Germany. Cross-Selling Financial Services to Small and Medium Enterprises Via E-Banking Portals. 1-3.
10. Yasar F. Jarrar & Andy Neely (2001). Cross-selling in the financial sector: Customer profitability is key.

Date: 29.11.2019

F.No.9- 30/RIFD/MOD/Policy-1/2018-19

115/ACCIS/2010/2h-02-2020

All India Council for Technical Education
(A Statutory Body under Ministry of URD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



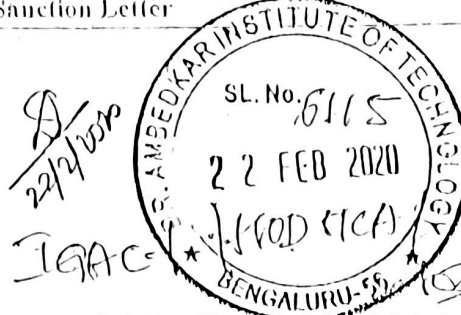
MODROB - Sanction Letter

F.No.9-30/RIFD/MOD/Policy-1/2018-19

Date: 02.12.2019

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.350000/- (Rupees Three Lakh Fifty Thousand Only) being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2019-20- reg.

Su,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of Rs.350000/- (Rupees Three Lakh Fifty Thousand Only) as Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGALORE-560056 KARNATAKA Karnataka - 560056.		
2.	Title of Project:	Set up Internet of Things (IoT) Lab		
3.	Name of Coordinator:	Dr. MANJUNATHA RAO L.		
4.	Duration of the project:	2 Years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.350000/-	Non-Recurring (85%): Rs 297500/-	Recurring (15%): Rs.52500/-
5.	Amount to be released during the year 2019-20:	1st Installment Rs.350000/-	Non-Recurring (85%): Rs 297500/-	Recurring (15%): Rs.52500/-
6.	Sanctioned grant-in-aid is debitable to:	Major Head 601.18(a) Gen. (Plan Head)		

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 account of Director/Principal/Registrar of the Institute through RTGS/PFMS.
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.

THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY UNIVERSITY/INSTITUTION

I. Release of funds:

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released.

2/7

Date: 29.11.2019

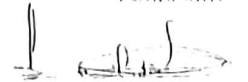
F.No.9-30/RIFD/MOD/Policy-I/2018-

- refunded immediately to the Council. Kindly mention the File No 9-30/RIFD/MOD/Policy I/2018-19 in your future correspondence.
- c) The grantee shall maintain an audited record of assets acquired wholly or substantially out of Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
 - d) The College / Institute receiving grant under MODROB is expected to put up a plaque at the entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
 - e) The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction from the AICTE and should at any time the institution cease to function, such assets shall revert to AICTE.
 - f) The grantee Institution shall observe all financial norms and guidelines as prescribed by AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/circular/general-financial-rules2017-0>) should be followed during utilization of grant.

List of Equipment's approved :

Name of Equipments
Raspberry pi 3 IoT kit
Sensor Kit - 1350
Laptops
Consumables & Contingencies

Yours sincerely



Prof. Dileep N. Mall
Advisor-I (E)

Copy forwarded for information and necessary action to:

1. Name and Address of the Coordinator,
Dr. MANJUNATHIA RAO L,
DR. AMBEDKAR INSTITUTE OF TECHNOLOGY,
OUTER RING ROAD, NEAR JNANA BIARATHI CAMPUS, MALLATHAHALLI, BANGALORE-
560056 KARNATAKA Karnataka -560056.
2. The Registrar / Director / Principal,
DR. AMBEDKAR INSTITUTE OF TECHNOLOGY,
OUTER RING ROAD, NEAR JNANA BIARATHI CAMPUS, MALLATHAHALLI, BANGALORE-
560056 KARNATAKA Karnataka -560056.
3. Guard file



Prof. Dileep N. Ma
Advisor-I (E)



All India Council for Technical Education
 (A Statutory body under Ministry of HRD, Govt. of India)
 Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: www.aicte-india.org

MODROB - Sanction Letter

F.No.9-33/IDC/MODROB/Policy-1/2019-20

Date: 20.07.2020

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.1453333/- (Rupees Fourteen Lakh FiftyThree Thousand Three Hundred ThirtyThree Only)** being the **Grant-in-Aid** under the scheme **Modernization and Removal of Obsolescence (MODROB)** for the year **2019-20** payable during the current financial year **2020-21**- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.1453333/- (Rupees Fourteen Lakh FiftyThree Thousand Three Hundred ThirtyThree Only)** as **Grant-in-Aid** under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGALORE-560056 KARNATAKA		
2.	Title of Project:	Development of a Bio-medical Laboratory for Testing, Calibration and Development of bio medical devices		
3.	Name of Coordinator:	Dr. SHANTHI K J		
4.	Duration of the project:	2 years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.1453333/-	Non-Recurring (85%): Rs.1235333/-	Recurring (15%): Rs.217999/-
5.	Amount to be released during the year 2020-21:	1st Installment Rs.1453333/-	Non-Recurring (85%): Rs. 1235333/-	Recurring (15%): Rs. 217999/-
6.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.

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

The instructions/guidelines to be followed by University/Institution

1. Release of funds

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in

F.No.9-33/IDC/MODROB/Policy-1/2019-20



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

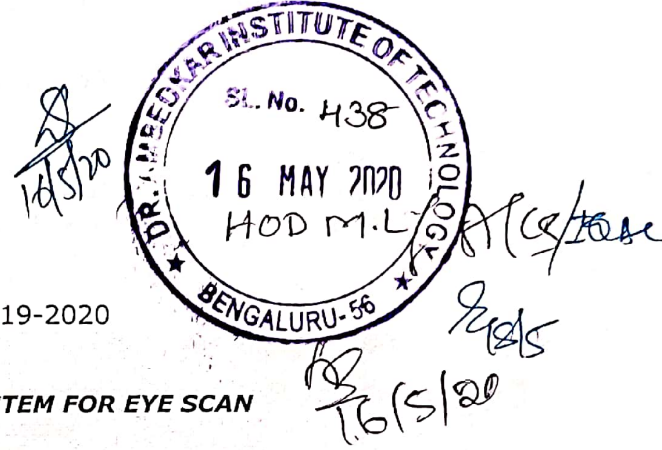
Ref: 7.1.01/SPP/953

The Principal,
Dr. Ambedkar Institute of Technology,
Bengaluru - 560 056.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_2849**

Ref : Your Project Proposal entitled " **AUTOMATED SYSTEM FOR EYE SCAN**



We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Shreya P R Ms. Chaitra M M Ms. Ranjitha B M Ms. Sreeharsha G	Budget	
		Particulars	Amount (Rs.)
Guide/s	Dr. Shanti K J	Materials/Consumables	500.00
	-	Labour	500.00
Department	Medical Electronics	Travel	1,000.00
		Miscellaneous	500.00
		Report	500.00
		Total	3,000.00

Three Thousand Rupees Only

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

21st April 2021

Ref: 7.1.01/SPP/10

The Principal
Dr. Ambedkar Institute of Technology Campus
BDA Outer Ring Road
Bengaluru - 560 056

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_4348

Ref : Your Project Proposal entitled " **HUMANOID FRONT DEST ROBOT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. Kiran Gowda N Ms. Lavanya R T Ms. M Varshini Urs	Budget	
		Particulars	Amount (Rs.)
Guide/s	Prof. Ramesh S	Materials/Consumables	4,000.00
	Mrs. Mala Sinnor	Labour	500.00
Department	Electronics And Communication Engineering	Travel	500.00
		Miscellaneous	500.00
		Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Jyothi Koujalagi
SPP Coordinator
Dr. Ambedkar Institute Of Technology Campus
Bda Outer Ring Road
Bengaluru - 560 056
- 2) Prof. Ramesh S
Department of Electronics And Communication Engineering
Dr. Ambedkar Institute Of Technology Campus
Bda Outer Ring Road
Bengaluru - 560 056
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

21st April 2021

Ref: 7.1.01/SPP/10

The Principal
Dr. Ambedkar Institute of Technology Campus
BDA Outer Ring Road
Bengaluru - 560 056

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_3056

Ref : Your Project Proposal entitled " **FLOATING WASTE SCOOPER ROBOT ON WATER SURFACE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. Sachin B	Budget	
		Particulars	Amount (Rs.)
	Ms. Shilpa M	Materials/Consumables	4,000.00
	Mr. Puneeth N S	Labour	500.00
	Mr. Prashanthraj C S	Travel	500.00
Guide/s	Prof. Umadevi H	Miscellaneous	500.00
	Prof. Jahagirdar A A	Report	500.00
Department	Electronics And Communication Engineering	Total	6,000.00
		SIX THOUSAND RUPEES ONLY	

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

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