3.1.1 GRANTS RECEIVED FROM GOVERNMENT AND NON-GOVERNMENTAL AGENCIES FOR RESEARCH PROJECTS/ ENDOWMENTS IN THE INSTITUTION DURING THE LAST FIVE YEARS (INR IN LAKHS)

2018-2019



Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Dated: 15-2-2019

To,
Dr. H G Nagendra
Professor and Head,
Sir M Visvesvaraya Institute of Technology
Yelahanka, Krishnadeveraya Nagar,
Bangalore -562157
Email: nagshaila@gmail.com

Ref: PACE Project Title "Evaluation of a non-antibiotic feed supplement towards enhancement of immune response against mycoplasma infection in poultry to prevent the occurrence of Complicated chronic respiratory disease"

Dear Dr. Nagendra,

With reference to your above, mentioned PACE proposal, we are pleased to inform that your proposal has been approved by BIRAC at a total cost of Rs. 48.25 Lakhs (Rupees Forty-Eight Lakhs and Twenty-Five Thousands only). The contribution of BIRAC is Rs. 48.25 Lakhs (Rupees Forty-Eight Lakhs and Twenty-Five Thousands only) as Grant-in-aid to the Sir M Visvesvaraya Institute of Technology, Bangalore for 18 Months as per the terms of the Grant in Aid Letter Agreement (GLA) enclosed.

If you are in acceptance with the terms of funding support as mentioned in the GLA, the following documents should be executed within a time period of *TWO WEEKS* from the date of issue of this communication

- Grant-in-aid Letter Agreement (GLA) including all the Schedules: All pages to be clearly initialled by the Fund Recipients.
- Letter of Authorization from the institute in the prescribed format of BIRAC
- Bank Details

The Grant-in-Aid Letter agreement has been executed by BIRAC, kindly take a colour printout of this GLA and the schedules; and execute the same from your end.

The first instalment of fund release will be made only after completion of all these formalities and upon submission of above mentioned documents as per norms.

For Biotechnology Industry Research Assistance Council

Dr. Sanjay Saxena

(GM & Head - Investment)

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Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Ref. No. BIRAC/BT/AIR0557/PACE-15/18

Dated: 15-2-2019

Sub: Funding of Project entitled "Evaluation of a non-antibiotic feed supplement towards enhancement of immune response against mycoplasma infection in poultry to prevent the occurrence of Complicated chronic respiratory disease" for funding under ACADEMIC INNOVATION RESEARCH (AIR) under Promoting Academic Research Conversion to Enterprise (PACE)

GRANT-IN-AID LETTER AGREEMENT

This Grant-in-aid Letter Agreement (hereinafter called as "GLA") is between Biotechnology Industry Research Assistance Council, a Government of India enterprise, incorporated under the Companies Act, 2013 having its office at 1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi-10003 (the "BIRAC") and the entities mentioned below for research proposal entitled "Evaluation of a non-antibiotic feed supplement towards enhancement of immune response against mycoplasma infection in poultry to prevent the occurrence of Complicated chronic respiratory disease"

1. Recipient(s) and Designated Project Investigator(s):

S. No.	Recipient(s)	Designated Project Invest
Ĭ	Sir M Visvesvaraya Institute of Technology, an Institute having its office at Yelahanka, Krishnadeveraya Nagar, Bangalore, Karnataka, 562157 hereinafter referred to as the "Fund Recipient" (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and permitted assignees)	Designated Project Investigator Dr. H G Nagendra Professor and Head, Sir M Visvesvaraya Institute of Technology Yelahanka, Krishnadeveraya Nagar, Bangalore -562157 Email: nagshaila@gmail.com

2. Aims & Objectives:

The detailed aims and the objectives that are to be executed by the aforesaid are as per the detailed Project document, submitted including revisions/modifications incorporated therein (hereinafter called as "Project") and appended herein as Schedule 3.

The main objectives proposed to be achieved from the project are enumerated hereunder:

- Development of the optimal combination of Symbiotic, low cost agricultural substrates, herbs, non-antibiotic growth promoters etc.
- 2) Evaluation of the effect of formulation on immune response in broilers, breeders and egg layers.
- 3) Scale up of the developed formulation
- 3. Project Duration: The Recipients shall complete the Project within the stipulated period of 18 Months from the date of acceptance of the GLA by all the recipients. In the event the Parties affix

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1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi - 110003, India
Phone: +91-11-24389600 Fax: +91-11-24389611 Website: www.birac.nic.in E-mail: birac.dbt@nic.in
CIN No.: U73100DL2012NPL233152

their signatures to this GLA on separate dates, the GLA shall be effective from the date on which the last set of signature is affixed thereto "Effective Date". Project Duration is subject to the Change order(s) issued by the BIRAC from time to time.

4. Project Implementation Site:

Sir M Visvesvaraya Institute of Technology, Yelahanka, Krishnadeveraya Nagar, Bangalore - 562157

5. Project Cost and Contribution: The total estimated cost of the Project is Rs. 48.25 Lakhs (Rupees Forty-Eight Lakhs and Twenty-Five Thousands only). The contribution of BIRAC is Rs. 48.25 Lakhs (Rupees Forty-Eight Lakhs and Twenty-Five Thousands only) as Grant-in-aid to the Sir M Visvesvaraya Institute of Technology, Bangalore on the terms and conditions detailed in this GLA.

6. BIRAC Budget break-up:

_	Support under PACE to		
Details	Sir M Visvesvaraya Institute of Technology, Bangalore	Total BIRAC Support	
Non manualina		(Rs. in Lakhs)	
Non-recurring	4.85	4.85 43.40 48.25	
Recurring	43.40		
Total	48.25 (

BUD	GET Break-up Non-Recurring (Rs. In L	akhs)
Non Recurring items	Contribution by BIRAC to Sir M Visvesvaraya Institute of Technology, Bangalore	Total
Equipments	4.25 -	4.25
Accessories	0.60 (0.60 ٢
Total	4.85 <	4.85

BUDGET Break-up	Recurring (Rs. In Lakhs)	
Recurring items Contribution by BIRAC to Sir M Visvesvaraya Institute of Technology, Bangalore		Total
Manpower	14.40 €	14.40
Consumables	15.00	15.00
Travel	2.50 ٢	2.50
Outsourcing	9.50	9.50
Contingency & Other Costs	2.00 (
Total		2.00
	43.40 (43.40

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<u>Details of Equipment Proposed To Be Acquired Through BIRAC Contribution</u> <u>For Applicant Institute</u>

S.No	Infrastructure/Equipment	Capacity	Quantity	Specific Requirement In The Project	Estimated Value (Rs.In Lakhs)
1	Bioreactor	200	1	Mass multiplication of identified probiotics	
2	Orbital shaker incubator	1	1	Culture maintenance and incubation	1.75
					Total :4.25
	A	Accessories T	o Be Acqui	red (Rs in Lakhs):	0.60

7. Milestones/Timelines

S.No.	Milestones	Month of end of activity	Required financia input (Rs. In Lakhs)
1	Acceptance of Undertaking under GLA And Fulfilment of fund release requirements	0	14.475 ((30% of BIRAC contribution)
2	Status report on (Formulation of non antibiotic poultry feed supplement with optimal parameters) And Submission of UC/SOE for the corresponding milestone certified by internal finance.	6	9.65 (20% of BIRAC contribution)
3	Status report on (Evaluating the effect of feed additive on immune response of broilers, egg layers and breeders) And Submission of UC/SOE for the corresponding milestone certified by internal finance.	15	9.65 (20% of BIRAC contribution)
4	Status report on (QA and QC protocol development of the product (enhancing shelf life for 3-4 months by adding additives) and continuation of CCRD preventive trials in commercial layers, broilers, breeders etc.) And Submission of UC/SOE for the corresponding milestone certified by internal finance.		9.65 (20% of BIRAC contribution)
5	Submission of final completion report and consolidated Utilization Certificate (UC) and Statement of Expenses (SOE) certified by internal finance.	18	4.825 (10% of BIRAC contribution)
		Total /	48.25

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Note:- Utilization Certificate (UC) and Statements of Expenses (SOE) duly audited by a chartered accountant for the expenditure incurred towards the Project for every half year period, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for the respective half year should be submitted by the Fund Recipient till completion of Project Duration.

8. Periodic Payment/Release Arrangements of the project support based on milestones

Instalment	Contribution by BIRAC under PACE to Sir M Visvesvaraya Institute of Technology, Bangalore	Total (Rs. in Lakhs)
First	14.475	14.475
Second	9.65	9.65
Third	9.65	9.65 r
Fourth	9.65	9.65 (
Fifth	4.825	4.825
Total	48.25	48.25 C

9. The recipient of the fund should convey their acceptance to the terms and conditions of this GLA within four (4) weeks of the issue of GLA failing which the present offer of the funding support will be considered as infructuous and the project will be treated as withdrawn.

10. Inclusion by Reference:

This GLA includes and incorporates by this reference:	 Terms and Conditions (Schedule 1) Acceptance and Undertaking (Schedule 2) Project document (Schedule 3) Intellectual Property Governing Framework(Schedule 4)
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- 11. The Expenditure is debitable to B.04 Head of Accounts for the financial year 2018-19.
- 12. This issue with the approval of competent authority vide BFD No. BFD ROB-04 017 208-19 dated 14 02 2019
- 13. The GLA has been noted at Serial No. 25 in the Register of Grants.

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This GLA is between Biotechnology Industry Research Assistance Council ("BIRAC") and Sir M Visvesvaraya Institute of Technology, Bangalore, and is effective as of the date of last signature. Each party to this GLA may be referred to individually as a "Party", Sir M Visvesvaraya Institute of Technology, Bangalore as "Fund Recipient" and all Party together as the "Parties". As a condition of this grant, the Parties enter into this GLA by having their authorized representatives sign below:

I) For and on behalf of BI	RAC
Signature	Saraylaxe
Name: Dr. Sanjay Saxena	
Designation: GM & Head - Inve	stment
Official Seal	New Delhi

II)	For and on behalf of Sir M Visvesvaraya Institute of Technology, Bangalore, Fund
	Recipient duly authorized vide letter dated by its concerned authority.
Signat	
Name	
Design	nation
Institu	ite Seal

The terms and conditions for Project support under Grant-in-aid Letter Agreement (hereinafter called as "GLA") are as follows;

1. FUND DISBURSEMENT

a. First installment of the Grant-in-aid will be released after issue of the GLA subject to fulfillment of the terms and conditions for such release by the relevant Parties. Further release of funds shall be subject to satisfactory progress against the objectives, outputs, milestones and targets specified in the Project which progress shall be determined by BIRAC and on submission of audited/certified statements of accounts and utilization certificates as provided for in Point 2 (a).

2. FUND UTILISATION AND ACCOUNTING

- a. The Fund Recipient shall submit the Utilization Certificate (UC) and Statements of Expenses (SOE) duly audited by a Chartered Accountant (CA) for the expenditure incurred towards the Project for every half year period, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for the respective half year, in the format provided by BIRAC.
- b. The Fund Recipient shall submit UC and SOE duly certified by Internal finance personnel to BIRAC in the format provided on the completion of the respective milestones.
- c. The input credit for the expenditures incurred under the project out of Grant-in-aid shall be reported to BIRAC as a part of utilization certificate against the corresponding entry- "Amount of GST Input credit". Such amount, if any, will be considered accordingly at the time of the release of the next instalment.
- d. The Fund Recipient shall submit audited Annual reports along with the audited balance sheets and profit & loss accounts to BIRAC within seven months of the completion of the financial year ending 31st March till the completion of the Project Duration.
- e. The Fund Recipient shall keep the Grant-in-aid assistance in an interest bearing account with a Scheduled Bank (as defined under the RBI Act, 1934), the withdrawals and payments from which account shall be subject to verification by BIRAC. The interest earned on the Grant-in-aid should be reported to BIRAC. The interest thus earned on the grant in aid will be adjusted towards further installment of the fund.
- f. The Fund Recipient shall ensure that the funds released for the Project are actually utilized only for the purposes of the Project and as expressly provided for in this GLA. Reappropriation of BIRAC funds from one budget head to another shall not be effected without the specific written approval of BIRAC;
- g. The Fund Recipient shall refund such part of Grant-in-aid funds disbursed to it that remains unutilized with it upon completion of all the responsibilities, duties and functions specified in connection with the Project, within one month of such completion, to BIRAC along with

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consolidated accounts of the funds received and utilized and of the unutilized balance returned (UC &SOE);

h. The Fund Recipient at their own cost shall take adequate care to maintain the capital assets acquired for the Project through BIRAC's Grant-in-aid. The capital assets acquired through BIRAC's Grant-in-aid shall not be disposed of or hypothecated without the specific approval of BIRAC till full and final settlement of all dues to the satisfaction of BIRAC.

3. PROJECT MONITORING

A Project Monitoring Committee (PMC) comprising of eminent experts from the relevant field(s) will be constituted by BIRAC to monitor the progress of the objective(s) of the Project. BIRAC shall have at least one representative in the PMC.

The functions of the PMC shall be as follows:

- a. To monitor the progress of the Project in conformity with the outputs, milestones, targets objectives and other terms and conditions as contained in the GLA
- b. To keep track of funding from any other source for the Project.
- c. To assess the global developments impacting the domain of the Project.
- d. Based on the foregoing, to assess and recommend:
 - i. the release of next installment or part release thereof by the BIRAC.
 - ii. revision of Project Duration
 - iii. closing, dropping or modifying any of the components of the Project, within the overall approved objectives, budget and time-frame,
 - iv. inclusion of additional industrial/institutional partner(s), if the Institute requests involvement of such partner(s), in the overall interest of the Project; and
 - v. revision of the financial assistance.
- e. To advise on issues related to securing of IPR and mentor to overcome any technological problem faced in the Project implementation; and
- f. To advise on any other matter as referred to it by BIRAC and/or otherwise reasonably necessary for effective discharge of its duties and/or achievement of aims and objectives of the Schemes.

4. INDEMNIFICATION

- a. The Fund Recipient shall, at all times, indemnify and keep indemnified BIRAC against any claims or suits in respect of any losses, damages or compensation payable in consequences of any accident, death or injury sustained by their employees or by any other third party resulting from or by any act, omission or operation conducted by or on their behalf;
- b. The Fund Recipient shall, at all times, indemnify and keep indemnified BIRAC against all claims/damages etc. by any infringement of any Intellectual Property Rights (IPR) while carrying out their responsibilities/work under the Project and this GLA.

c. The provision of Grant-in-aid funds by BIRAC does not create any liability, explicit or implicit, on BIRAC in respect of the manpower engaged in the Project.

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d. The Parties shall not be held responsible for non-fulfilment of their respective obligations in successful completion of the Project under this GLA due to the exigency of one or more force majeure events such as but not limited to acts of God, war, flood, earthquakes etc.

5. CHANGE OF CONTROL:

BIRAC shall reserve the right to reconsider further funding assistance, governance of the New Intellectual Property and consider refund of the amount of Grant-in-aid in such circumstances of change of control as mentioned the following paragraphs;

a. The Fund Recipient and the Institutes shall notify BIRAC of any material change in its entity status, entity name, Project Coordinator, implementation site, registered office or any such change that would impact on performance of its obligations under the Project and this GLA.

6. FORECLOSURE AND TERMINATION

- i. In case, during the tenure of the Project, it is found that the Project or any Project component is not likely to lead to successful completion, BIRAC may decide to foreclose the Project or the Project component as warranted. The decision of the BIRAC shall be final in all respects. The Fund Recipient shall immediately refund any grant-in-aid unutilized out of BIRAC's disbursements, along with detailed accounts of funds received, utilized and unutilized. If Fund Recipient like to continue the Project at its own cost, it would be able to do so without restrictions from BIRAC after complying with these provisions.
- ii. The Fund Recipient may, before the completion of the Project, terminate this Agreement by giving three months' notice in writing to BIRAC. BIRAC may also terminate this Agreement by written notice to "Fund Recipient" committing breach of any term of this Agreement and either not rectifying it to the satisfaction of BIRAC or not satisfying BIRAC about its inevitability within a specified period. In the event of termination of the Agreement, no further disbursement shall be made by BIRAC. The Fund Recipient shall be liable to return immediately the amount of Grant-in-aid already availed of from BIRAC with additional simple interest at the rate of 12 (twelve) per cent per annum within 30 (thirty) days of termination of the GLA. Interest on the quantum of funding assistance shall accrue from the date of release of the grant in aid assistance. In case of failure to repay, without prejudice to any other rights under this Agreement, the amount can be recovered by initiating any procedure available in Law.

7. DISPUTE RESOLUTION AND ARBITRATION

In the event of any dispute or difference whatsoever arising between the Parties out of or relation to the construction, meaning, scope, operation or effect of this agreement or the validity the breach thereof shall be resolved amicably by mutual consultation or through the good offices of the Chairman, BIRAC.

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If such resolution is not possible, then the unresolved dispute or difference whatsoever arising between the Parties out of or relation to the construction, meaning, scope, operation or effect of this GLA or the validity the breach thereof or in respect of any defined legal relationship associated therewith or derived there from dispute shall be submitted for arbitration to International Center for Alternate Dispute Resolution (ICADR), an autonomous organization working under the aegis of the Ministry of Law & Justice, Department of Legal Affairs, Government of India. The Authority to appoint the arbitrator(s) shall be the ICADR. The Arbitration under this Clause and provision of administrative services by ICADR shall be in accordance with the ICADR Arbitration Rules, 1996. The award made in pursuance thereof shall be binding on the Parties. The venue of arbitration shall be New Delhi and the arbitration proceedings shall be conducted in English Language.

The provision of this Clause shall not become inoperative notwithstanding the GLA expiring or ceasing to exist or being terminated or foreclosed.

8. EFFECT AND AMENDMENTS TO THE GLA

- i. GLA shall remain in force for whichever of these is the longest time unless suspended sooner:
 - a. For **18 Months** from the above Effective Date subject to the Change Order(s) issued by the BIRAC from time to time;
 - b. As long as any part of the amount disbursed for the Project remains unspent; or
 - c. For as long as any monitoring or recording or IP governance is required under any relevant laws and regulations.
- ii. No amendment or modification of this GLA shall be valid unless the same is made in writing by the Parties or their authorized representatives specifically stating the same to be an amendment of this GLA. The modifications / changes shall be effective from the date on which they are made / executed unless otherwise agreed to.

9. SEVERABILITY

In case any one or more of the provisions or parts of a provision contained in this GLA shall, for any reason, be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision or part of a provision of this GLA; and this GLA shall, to the fullest extent lawful, be construed as if such invalid or illegal or unenforceable provision, or part of a provision, had never been contained herein.

10. GOVERNING LAW

This GLA and the associated undertaking shall be governed and interpreted in accordance with the laws of India subject to the exclusive jurisdiction of the Courts at New Delhi.

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Acceptance & Undertaking

In consideration of the foregoing, the fund recipient, intending to be admittedly bound by the terms set forth above, undertake as stated below; The recipient of the Grant shall;

- 1. Execute the activities as set out in the Project proposal and shall conform to the specified objectives, outputs, milestones, and targets therein.
- 2. Submit periodic Progress report to BIRAC as per the Project milestones, details of activities involved in performing the Project activities, Utilization Certificate (UC) and Statements of Accounts Expenses (SOE) as per Schedule 1.
- 3. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its activities/ operations in connection with the Project.
- 4. Abide by the decisions of BIRAC to modify the objectives, outputs, milestones, targets, Project Grant-in-aid as also the foreclosure of the Project or any of its components as may be arrived at after mutual discussion.
- 5. Subject themselves to Project monitoring of the Project Monitoring Committee (PMC).
- 6. Maintain strict confidentiality and refrain from disclosure thereof, of all or any part of such information and data exchanged/generated from the Project which is not in the public domain by use and/or publication at the time of its disclosure except for purposes in accordance with this Project or is required by public authority, by law or decree.
- 7. shall verify the completion of the milestone and the utilization of the funds as stated which will be a pre requisite for the next fund release.
- 8. Complete the Project within the stipulated period subject to the Change Order(s) issued by the BIRAC from time to time.
- 9. The Fund Recipient shall not sub-delegate or outsource the obligations under this GLA without express permission of BIRAC except as provided for in the Project Document.
- 10. Adhere to this GLA and the Conditions of Grant, as, violation of any provision of which shall be the reason for suspension of the Grant.
- 11. Consider any changes to the provisions of this GLA when made in writing only and shall consider any notice duly served if the same shall have been delivered electronically through the official mail of the Project Coordinator or delivered by post at the addresses mentioned in the GLA.
- 12. Acknowledge the assistance of BIRAC while publishing or presenting in any manner the details of the Project, its progress or its success or commercialization of the Product.

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IN ACCEPTANCE WHEREOF the fund recipient hereto through their duly authorized representatives have signed this undertaking as set below:

For and on behalf of Sir M Visves Recipient"	svaraya	Institute	of	Technology,	Bangalore,	the	"Func
Date and Place:							
Signature							
Name	-						
Designation							
Seal					5		
Witness							
Name:	Na	ame:					
Signature:	Sig	gnature:					
Address:	Ac	ldress:					
					siny Resge		

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Project Document:

OBJECTIVE AND TIMELINES

PROPOSAL OBJECTIVES & WORK PLAN

Objective1: Development of the optimal combination of Symbiotic, low cost agricultural substrates, herbs, non-antibiotic growth promoters etc.

Methodology/Experimental Design To Accomplish The Stated Objective:

Combination studies of identified probiotics with prebiotics-Symbiotic Identification of herbs and non-antibiotic growth promoters Formulation of non antibiotic poultry feed supplement with optimal parameters

Alternate Strategies: NA

Objective 2: Evaluation of the effect of formulation on immune response in broilers, breeders and egg layers

Methodology/Experimental Design To Accomplish The Stated Objective:

Study of serum and intestinal antibodies in study in broiler, egg layer and breeder industries Microbiological studies, Immunohistochemistry studies, Histopathological studies and serological studies Simultaneous trials with positive Control Evaluating the effect of feed additive on immune response of broilers, egg layers and breeders

Alternate Strategies: NA

Objective 3: Scale up of the developed formulation

Methodology/Experimental Design To Accomplish The Stated Objective:

Stability studies in stability chambers at varied temperature and humidity, Viability studies, QA and QC protocol development of the product and continuation of CCRD preventive trials in commercial layers, broilers, breeders etc

Alternate Strategies: NA

	TIME LINES	
Activities	Month Of End Of Activity	Indicators Of Progress
substrates, herbs, non-antibiotic	the optimal combinatio growth promoters etc.	n of Symbiotic, low cost agricultural
Combination studies of identified probiotics with prebiotics-Symbiotic	6	Probiotic growth and metabolite production
Identification of herbs and non- antibiotic growth promoters	6	Synergistic formulation with optimum growth
Formulation of non antibiotic poultry feed supplement with optimal parameters	6	Desired formulation for trials

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Activities	Month Of End Of Activity	Indicators Of Progress	
OBJECTIVE 2 : Evaluation of t breeders and egg layers	the effect of formulation	on immune response in broilers,	
Study of serum and intestinal antibodies in study in broiler, egg layer and breeder industries	15	Enhanced antibody traces in serum and intestine of birds	
Microbiological studies, Immunohistochemistry studies, Histopathological studies and serological studies	15	Increased signs of immunity	
Simultaneous trials with positive Control	15	Results to be on par with positive control	
Evaluating the effect of feed additive on immune response of broilers, egg layers and breeders	15	Improvement in immune response	
Activities	Month Of End Of Activity	Indicators Of Progress	
OBJECTIVE 3 : Scale up of the	developed formulation		
Stability studies in stability chambers at varied temperature and humidity	16	Increased body weight, absence of disease symptoms and better feed conversion ratio	
Viability studies	16	Standardized protocol for QA parameters	
QA and QC protocol development of the product and continuation of CCRD preventive trials in commercial layers, broilers, breeders etc	17	Determination of shelf life of the product	



INTELLECTUAL PROPERTY GOVERNING FRAMEWORK

a. Background IP Rights:

All rights, title and interest in or to any information, data, reports, documents, procedures, forecasts, technology, know-how, and inventions, including any patents, designs, copyrights, trademarks and any applications for patents, designs, copyrights or trademarks, in India and anywhere else in the world, that are owned by or vest in any Party before execution of this Agreement ("Background IP") shall remain the property of such Party.

b. New IP:

For the purpose of PACE, New IP means intellectual property generated during the conduct of the Project by the Fund Recipient excluding the intellectual property generated by the Institute before execution of this Agreement and any New IP generated by the Fund Recipient outside the scope of this Agreement even during the term of this Agreement. All rights, title and interest in New IP in India and anywhere else in the world, shall be owned by or vest in the applicant academia unless agreed otherwise between the parties.

The fund recipient will not publish in any manner with regard to the results of the Project which will be in derogation to the creation and protection of IP and related rights as stated above.

NOTE: For the purpose of this GLA, New IP means intellectual property generated during the conduct of the Project by the Fund Recipient, but excluding the intellectual property generated by the Fund Recipient before execution of this GLA and any IP generated outside the scope of this GLA even during the term of this GLA.

1. The background Intellectual Property (IP) generated by the Fund Recipient before execution of this GLA are as provided hereunder;

Background IP of the Fund Recipient

IN201841036165: Novel formulation of non-antibiotic poultry feed supplement for the prevention and treatment of Mycoplasma infection in poultry industries

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BMS grant

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Bristol-Myers Squibb India Pvt Ltd Bangalore India 560099

From: BMS Grants and Giving Department < grantsandgiving@bms.c

Sent: Tuesday, April 30, 2019 12:02 AM

To: Mandlekar, Sandhya < sandhya.mandlekar@bms.com >

Cc: Rakov, Paula < Paula.Rakov@bms.com >

Subject: Request ID: 53803787 - MVIT 2019 BMS MS Fellowship

Importance: High

Request ID: 53803787 - MVIT 2019 BMS MS Fellowship

Dear SIR M VISVESVARAYA INSTITUTE OF TECHNOL

Thank you for submitting a letter of request ("LOR") to Bristol-Myers S amount of <u>346,260.52 INR</u>.

As a strict condition to BMS' support, you must agree to the terms of ε this letter), return it to the fax number or email address listed below. P respect to this funding from BMS. Only an authorized representative f complete and valid until BMS reviews and approves your changes.

If any of the deadlines or processes described here are not followed, I

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Paula Rakov

Title: US-Grant Analyst



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.lisc.emet.in, office@kscst.org.in Website: www.kscst.lisc.emet.in, www.kscst.org.in

Mr. H. Hemanth Kumar Executive Secretary

Ref: 7.1.01/SPP/1333

The Principal, Sir M. Visvesvaraya Institute of Technology, Krishnadevarayanagar, Hunasamaranahalli, Bengaluru - 562 157.



27th March 2019

Dear Sir/Madam,

Sub: Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No.: 42S_BE_2554

EXPERIMENTAL STUDY OF CONCRETE CONTAINING GOLD Ref: Your Project Proposal entitled "

MINE TAILINGS

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Shreesha Kotegar	Budget	Amount (Rs)	
State,	and others	Materials/Consumables	6,000.00	
Guide/s	Ms. Pradeepa.S	Labor	500.00	
		Travel	500.00	
Department C	Civil Engineering	Miscellaneous	500.00	
		Report	500.00	
		TOTAL	8,000.00	
	EIGHT THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work:

- a) The project should be performed based on the objectives of the proposal sent by you.
- b) 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.
- c) 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.
- d) Please quote your project reference number printed above in all your future correspondences.
- e) 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:
 - 1) Title of the project
 - 2) Name of the College & Department
 - Name of the students & Guide(s)
 - 4) Keywords

F-22

42S_BE_2554

6) Introduction / background
 (with specific reference to the project, work done earlier, etc) - about 20 lines

- 6) Objectives (about 10 lines)
- 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.)
- e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre 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. Huu H (H. Hemanth Kumar)

Copy to:

- The Head of the Department of Civil Engineering Sir M. Visvesvaraya Institute Of Technology, Krishnadevarayanagar, Hunasamaranahalli, Bengaluru - 562 157.
- Ms. Pradeepa.S
 Department of Civil Engineering
 Sir M. Visvesvaraya Institute Of Technology,
 Krishnadevarayanagar,
 Hunasamaranahalli,
 Bengaluru 562 157.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above

ValuepitchETechnologiesPvt Ltd

Row house no 75, Sector – 16, Koparkhairane, Navi Mumbai – 400 709, Maharashtra INDIA Tel: 022- 27546332 / 022 2754 6335; Email: finance@valuepitch.com



February 21st, 2018

Dr.Vanipriya CH,
Assoc. Professor, Dept. of ISE,
SIR M.V.I.T.,
Bangalore, Karnataka
India.

Sub: Approval of project proposal "CODISA" for funding

Dear Dr. Vani Priya,

We are happy to inform you that we wish to approve the request for funding of Indian Rupees 3,00,000(Three Lakhs) to the above mentioned project. The amount will be deposited to the account of The Principal, SIR M.V.I.T., and the entire amount of 3,00,000 will be transferred to the account.

Please mail or email me an updated progress report every month. At the completion of the project i.e. Aug 2018, please provide a final project report along with the deliverables.

Conditions:

- 1. Grant funds must be used in accordance with the budget included with your proposal.
- 2. Grantee will furnish to the Company any information concerning a change in the proposal.
- 3. Grantee must provide a written report each month describing conclusions, progress, and/or status of objectives including how funds were expended to attain objectives.

Please acknowledge your receipt of the amount

Thank you!

Sincerely,

Venkata Ramana Chennamadhavuni Director & CEO Valuepitch E Technologies Pvt Ltd



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

Mr. H. Hemanth Kumar Executive Secretary

Ref: 7.1.01/SPP/1333

The Principal, Sir M. Visvesvaraya Institute of Technology, Krishnadevarayanagar, Hunasamaranahalli, Bengaluru - 562 157. 099 81411000 BANGALORE-562 151*

27th March 2019

Dear Sir/Madam,

Sub: Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No.: 42S_BE_0080

Ref: Your Project Proposal entitled " STUDY OF BIO-GAS PRODUCTION USING KITCHEN WASTE

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. M.U.Aditya Mannar	Budget	Amount (Rs)
	and others	Materials/Consumables	4,000.00
Guide/s	Dr. V.Shantha	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,000.00
	SIX THOUSAND RUPEES OF	NLY	

The following are the guidelines to carryout the project work:

- a) The project should be performed based on the objectives of the proposal sent by you.
- b) 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.
- c) 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 <u>project reference number printed above</u> in all your future correspondences.
- e) **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:
 - 1) Title of the project
 - 2) Name of the College & Department
 - 3) Name of the students & Guide(s)
 - 4) Keywords

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- 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.)
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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. Huur (H. Hemanth Kumar)

Copy to:

- The Head of the Department of Mechanical Engineering Sir M. Visvesvaraya Institute Of Technology, Krishnadevarayanagar, Hunasamaranahalli, Bengaluru - 562 157.
- Dr. V.Shantha
 Department of Mechanical Engineering
 Sir M. Visvesvaraya Institute Of Technology,
 Krishnadevarayanagar,
 Hunasamaranahalli,
 Bengaluru 562 157.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above