

To

16th Aug 2021

The Principal,

mLAC

Sub: Regarding Seed funding approval

Forwarded through proper channels

Dear Madam,

This is to mention that research committee had received 11 proposals. After major revision, 10 proposals accepted unanimously. Committee understands that the entire proposals need to be upgraded and submitted back to the committee, before the release of final funding.

SNO	Name of Applicant/Faculty	Research Title	Accepted/ Rejected	Funding
1	Dr. Jolitha AB	Human Umbilical Cord Blood- HUCB Protein Biomarkers from Aged Pregnancy for Screening Childhood anomalies.	Accepted	20000.00
2	Ms. Sushma C	Synthesis, characterization and photocatalytic activity of C,N & S codoped TiO ₂	Accepted	15000.00
3	Dr. Vijayalaxmi	Analysis of Solar energy generation using machine learning	Accepted	20000.00
4	Ms. Divya BN	Assessment of chemical changes with lime and clarificants in quality jaggery production	Accepted	15000.00
5	Ms. Aruna HK	Composter prototype for biowaste processing by black soldier fly (<i>Hermetia illucens</i>)	Accepted	20000.00
6	Dr. Shashikala KB	Toxicological effects of lead on the histopathological alterations in different organs of common carp <i>Cyprinus carpio</i> with change in water temperature	Accepted	20000.00
7	Dr. Gowrineelima	Expression pattern of Defences in Biobased treated Tomato plants infected with Tomato Mosaic Virus	Accepted	20000.00
8	Dr. Annadanesh	A survey investigation of Halmidi Shasana	Accepted	10000.00
9	Ms. Bhavya B	Potency of three plant extracts as Toxicant and Repellent against German Cockroach (<i>Blattella germanica</i> L.)	Accepted	18000.00
10	Dr. Saraswathi S	Isolation of thermotolerant yeast for bioethanol production	Accepted	20000.00

The funding grant (178000/-) against the total section need to be transferred to the college Research account by the authorities. The grant will be dispersed/reimbursed on the basis of submission on the bills/expenses.

Total money can be dispersed to the vendors/chemical bills should not exceed more than 50% against the vendor names.

No money can be dispersed on the PI name except having a special permission from research coordinator and principal.

Thank you,


RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Department, Bangalore - 560 012.
Dr. Sushma Kumar Mitta

Research Coordinator


PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.

16th August, 2021

Folio No: 2020-21/mLAC/SF01

From
The Principal,
mLAC
Bangalore – 560012.

Approval Letter

To
Dr. Jolitha AB,
PI, Department of Biotechnology
mLAC

Sub: Financial Assistance to Dr. Jolitha AB, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences**/Humanities/Commerce for the project entitled “Human Umbilical Cord Blood- HUCB Protein Biomarkers from Aged Pregnancy for Screening Childhood anomalies.”.

Sir/Madam,

This is in reference to the proposal submitted by Dr Jolitha AB to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Twenty Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
Chemical	
Contingency	08000.00
	12000.00
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before

September 15th 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Belur Math, Malleswaram, Bangalore - 560 012.

Dr. Sushil Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr/Mr/Ms. Jolitha AB.
Department of Biotechnology.
mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF02

Approval Letter

To

Ms. Sushma C,

PI, Department of Chemistry

mLAC

Sub: Financial Assistance to **Ms. Sushma C**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences/Humanities/Commerce** for the project entitled "Synthesis, characterization and photocatalytic activity of C,N & S codoped TiO₂".

Sir/Madam,

This is in reference to the proposal submitted by Dr/Mr/**Ms Sushma C** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 15000/- (Rs. Fifteen Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
Chemical	5000.00
Contingency	10000.00
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	15000.00

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep

2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women Autonomous
Science Post, Maheswaram, Bangalore - 560 012.
Dr. Sushma Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr/Mr/Ms. Sushma C
Department of Chemistry
mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF03

Approval Letter

To

Ms. Aruna HK,

PI, Department of Zoology

mLAC

Sub: Financial Assistance to **Ms. Aruna HK**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences/Humanities/Commerce** for the project entitled "Composter prototype for biowaste processing by black soldier fly (*Hermetia illucens*)".

Sir/Madam,

This is in reference to the proposal submitted by Dr/Mr/**Ms Aruna HK** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Twenty Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
Chemical	1000.00
Contingency including special needs	17000.00
<u>Field Work & Travel:</u>	2000.00
<u>Any Other:</u>	
Total:	20000.00

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep.

2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleshwaram, Bangalore - 560 012.

Dr. Sushmi Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr/Mr/Ms. **Aruna HK.**
Department of Zoology
mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF04

Approval Letter

To

Ms. Divya BN,

PI, Department of Chemistry

mLAC

Sub: Financial Assistance to Ms. Divya BN, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences/Humanities/Commerce** for the project entitled "Assessment of chemical changes with lime and clarificants in quality jaggery production."

Sir/Madam,

This is in reference to the proposal submitted by Dr/Mr/**Ms Divya BN** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 15000/- (Rs. Fifteen Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
Chemical	10000.00
Contingency	5000.00
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	15000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep

2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.

Dr. Sushil Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:

Dr/Mr/Ms. **Divya BN**
Department of Chemistry
mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF05

Approval Letter

To

Dr. Shashikala KB.,
PI, Department of Zoology
mLAC

Sub: Financial Assistance to **Dr. Shashikala KB**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences/Humanities/Commerce** for the project entitled "Toxicological effects of lead on the histopathological alterations in different organs of common carp Cyprinus carpio with change in water temperature."

Sir/Madam,

This is in reference to the proposal submitted by **Dr Shashikala KB** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Twenty Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
Chemical and Glassware	5000.00
Contingency	6000.00
<u>Special Need</u>	7000.00
<u>Field Work & Travel:</u>	2000.00
<u>Any Other:</u>	
Total:	20000.00

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Bangalore - 560 012.
Dr. Sushil Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:

Dr/Mr/Ms. Shashikala KB.

Department of Zoology
mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF06

Approval Letter

To

Dr. Saraswathi S,

PI, Department of Biotechnology

mLAC

Sub: Financial Assistance to **Dr. Saraswathi S**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences/Humanities/Commerce** for the project entitled "Isolation of thermotolerant yeast for bioethanol production."

Sir/Madam,

This is in reference to the proposal submitted by **Dr Saraswathi S** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Twenty Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
<u>Chemicals</u>	5000.00
Contingency with special need	15000.00
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	20000.00

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Dr. Sushil Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:

Dr. Sarawathi S

Department of Biotechnology
mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF07

Approval Letter

To

Dr. Bhavya B

PI, Department of Zoology

mLAC

Sub: Financial Assistance to **Dr. Bhavya B**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Sciences/Humanities/Commerce** for the project entitled "Potency of three plant extracts as Toxicant and Repellent against German Cockroach (*Blattella germanica* L.).".

Sir/Madam,

This is in reference to the proposal submitted by **Ms Bhavya B** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 18000/- (Rs. Eighteen Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u>	
Books & Journals	
<u>Recurring:</u>	
<u>Chemicals</u>	15000.00
Contingency	2000.00
<u>Field Work & Travel:</u>	1000.00
<u>Any Other:</u>	
Total:	18000.00

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Maheshwaram, Bangalore - 560 012.

Dr. Sushil Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:

Ms. Bhavya B.

Department of Zoology

mLAC, Bangalore - 560012

16th August, 2021

Folio No: 2020-21/mLAC/SF08

Approval Letter

To

Dr. Annadanesh Harish

PI, Department of Kannada

mLAC

Sub: Financial Assistance to Dr. Annadanesh Harish, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in **Humanities**/Commerce for the project entitled "A survey investigation of Halmidi Shasana."

Sir/Madam,

This is in reference to the proposal submitted by Dr. **Annadanesh Harish** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 10000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals	
<u>Recurring:</u> Contingency with Special need	10000.00
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	10000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Bangalore - 560 012.
Science Post, Malleswaram, Bangalore - 560 012.
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Annadanesh Harish
Department of Kannada
mLAC, Bangalore – 560012

From:
Dr. Sushil Kumar Middha
Research coordinator
mLAC

14th July 2020

To,
The Principal
mLAC

Through proper Channel

Subject: Seed Money for research project submitted for the academic year (2019-2020)

Dear Madam,

This is to notify that the Seed Money for research projects submitted for the academic year (2019-2020) by our faculty need to be processed as decided by the Management Trustee, Shri Jayaraj K, during the meeting held on 14th July 2020 from 10.30am to 12.30pm. List of the faculty with the fund to be released is tabulated below for your kind perusal.

Principal Investigator	Department	Fund requested	Fund sanctioned
Ms.Rajeshwari. M	Commerce	41000	10000
Dr.Abinandhan.N	Commerce	38500	10000
Dr Nagalaxmi. B.N.	Chemistry	25000	20000
Ms.Afshan Izzath Mab	Chemistry	25000	20000
Mr.Akshay	Physics	30000	20000
Dr. Sushil Kumar Middha	Biotechnology	85000	20000
Dr. Kamala A	Biochemistry	30000	20000
Ms.Usha.T	Biochemistry	61000	20000
Dr.Sunitha	Biochemistry	40000	20000
Dr. Kushalatha	Biochemistry	50000	20000

As per the discussion, the mode of dispersion of the funds to the concerned principal Investigator(PI) of the project is as follows:

1. First Installment: 50 % of the fund (To be released immediately)
2. Second Installment : 25% (To be released after the submission of the first progress report by PI within 6-9 months)
3. Third Installment: 25% (To be released after the submission of UC/SE, final project report by PI and its approval by the expert committee)
4. Incentive : 10,000/- (To be provided to the PI for the publication of the research project in the Scopus indexed Journal)

Kindly do the needful,
Thanking you

With kind regards
Dr Sushil Kumar Middha
Research Coordinator

My team :

Dr. Nagalakshmi.N
Dr. A. Harish

Dr Jolitha AB
Dr. Vijayalakshmi Lepakshi

Dr. Reema Kumari
Dr. Abhinandan.N

14th July, 2020

Folio No: 2019-20/mLAC/SF01

Approval Letter

To

Ms. Rajeshwari. M

PI, Department of Commerce

mLAC

Sub: Financial Assistance to **Ms. Rajeshwari M**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "RRBs in micro finance Delivery for women Empowerment: A study in Bangalore Rural District".

Sir/Madam,

This is in reference to the proposal submitted by Ms. Rajeshwari M to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 10000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need <u>Field Work & Travel:</u> <u>Any Other:</u>	10000.00
Total:	10000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Ms. Rajeshwari M
Department of Commerce
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF02

Approval Letter

To

Dr. Abhinandan N

PI, Department of Commerce

mLAC

Sub: Financial Assistance to **Dr. Abhinandan N**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "AN EMPIRICAL STUDY ON CONSUMER PERCEPTION TOWARDS ORGANIC FOOD PRODUCTS WITH SPECIAL REFERENCE TO BANGALORE DISTRICT."

Sir/Madam,

This is in reference to the proposal submitted by **Dr. Abhinandan N** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 10000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals	10000.00
<u>Recurring:</u> Contingency with Special need	
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	10000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Dr. Sushil Kumar Muddha
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Abhinandan M
Department of Commerce
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF03

Approval Letter

To

Dr. Nagalaxmi BN

PI, Department of Chemistry

mLAC

Sub: Financial Assistance to **Dr. Nagalaxmi BN**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "Electrochemical Studies of Al 356 Alloy in Different Concentration of Acid Chloride Medium..".

Sir/Madam,

This is in reference to the proposal submitted by **Dr. Nagalaxmi BN** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 10000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need <u>Field Work & Travel:</u> <u>Any Other:</u>	20000.00
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
Dr. Sushil Kumar Mittal
Science Post, Malleswaram, Bangalore - 560 012.
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Nagalaxmi BN
Department of Chemistry
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF04

To
Dr. Afshan Izzath MAB
PI, Department of Chemistry
mLAC

Sub: Financial Assistance to Dr. Afshan Izzath MAB, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "A comparative study of synthesis of silver nanoparticles from dry and fresh leaf extracts of *Centella asiatica*".

Sir/Madam,

This is in reference to the proposal submitted by Dr. Afshan Izzath MAB to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need With Chemical <u>Field Work & Travel:</u> <u>Any Other:</u>	20000.00
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Dr. Sushil Kumar Muddna,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Afshan Izzath MAB
Department of Chemistry
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF057

To
Dr. Usha.T
PI, Department of Biochemistry
mLAC

Sub: Financial Assistance to Dr. Usha.T, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "Transcriptome sequencing, analysis and mapping of major genes involved in phenyl-propanoid pathway in *Punica granatum* Linn."

Sir/Madam,

This is in reference to the proposal submitted by Dr. Usha.T to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need With Chemical <u>Field Work & Travel:</u> <u>Any Other:</u>	20000.00
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Dr. Sushil Kumar Mishra, - 560 012.

Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Usha.T
Department of Chemistry
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF05

To
 (Dr.) Kamala A
 PI, Department of Biochemistry
 mLAC

Sub: Financial Assistance to (Dr.) Kamala A, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "Ameliorative effect of Cyperus rotundus L rhizome on Phenyl hydrazine induced neonatal hyperbilirubinemia in rats".

Sir/Madam,

This is in reference to the proposal submitted by Dr. Kamala A to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals	
<u>Recurring:</u> Contingency with Special need With Chemical	20000.00
<u>Field Work & Travel:</u> <u>Any Other:</u>	
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Dr. Sushil Kumar Muddha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
(Dr.) Kamala A
Department of Chemistry
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF06

To

Dr. Sunitha

PI, Department of Biochemistry

mLAC

Sub: Financial Assistance to **Dr. Sunitha**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled “Production of recombinant keratinase enzyme from thermophylic Bacillus species”.

Sir/Madam,

This is in reference to the proposal submitted by **Dr. Sunitha** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals	20000.00
<u>Recurring:</u> Contingency with Special need	
With Chemical	
<u>Field Work & Travel:</u>	
<u>Any Other:</u>	
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Dr. Sushil Kumar Muddha
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Sunitha
Department of Biochemistry
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF07

To

Dr. Kushalatha

PI, Department of Biochemistry

mLAC

Sub: Financial Assistance to **Dr. Kushalatha**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "Isolation and identification of mastitis causing pathogens".

Sir/Madam,

This is in reference to the proposal submitted by **Dr. Kushalatha** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need With Chemical <u>Field Work & Travel:</u> <u>Any Other:</u>	20000.00
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.


The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
Dr. Sushil Kumar Middha
Science Post, Malleswaram, Bangalore - 560 012.
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Kushalatha
Department of Chemistry
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF08

To

Mr. Akshay

PI, Department of Physics

mLAC

Sub: Financial Assistance to **Mr. Akshay**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "Synthesis, characterization and photoluminescence study of nanomaterials".

Sir/Madam,

This is in reference to the proposal submitted by **Mr. Akshay** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Twenty Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need With Chemical <u>Field Work & Travel:</u> <u>Any Other:</u>	20000.00
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep 2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
Dr. Sushil Kumar Middha,
Science Post, Malleswaram, Bangalore - 560 012.
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Mr Akshay
Department of Physics
mLAC, Bangalore – 560012

14th July, 2020

Folio No: 2019-20/mLAC/SF09

To

Dr. Sushil Kumar Middha

PI, Department of Biotechnology

mLAC

Sub: Financial Assistance to **Dr. Sushil Kumar Middha**, Maharani Lakshmi Ammanni College for women Autonomous, Malleswaram, Bangalore for undertaking mLAC Seed funding project in Commerce for the project entitled "Metagenomic Analysis of Soil system of *Punica granatum*" and its influence on the Growth of the Plant".

Sir/Madam,

This is in reference to the proposal submitted by **Dr. Sushil Kumar Middha** to mLAC for financial assistance under the above scheme. The proposal was placed before an expert committee duly constituted for the purpose. Based on the recommendation of the committee and in accordance with the guidelines, the mLAC research committee has approved an amount of Rs 20000/- (Rs. Ten Thousand Only/-) for the aforesaid college seed funding project as per the details given below:

Items	Amount Recommended
<u>Non-Recurring:</u> Books & Journals <u>Recurring:</u> Contingency with Special need With Chemical <u>Field Work & Travel:</u> <u>Any Other:</u>	20000.00
Total:	20000.00/-

On receipt of the Approval letter, the Principal Investigator should inform the undersigned of his/her consent to implement the project and send the Acceptance Certificate before 15th Sep

2021, otherwise it will be presumed that the Principal Investigator (PI) is not willing to implement the project and the approval will be withdrawn.

The first instalment grant may be granted to the Principal Investigator only submission of acceptance certificate.

The grant is subject to the terms and conditions as per the mLAC seed funding policy for mLAC seed funding project. Principal investigator need to publish at least one paper in UGC care/reputed journals (SCOPUS/WoS).

Yours Faithfully,



PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.



RESEARCH COORDINATOR
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Malleswaram, Bangalore - 560 012.
Dr. Sushil Kumar Middha,
Co-Ordinator,
mLAC Research Committee,
mLAC

Copy To:
Dr. Sushil Kumar Middha
Department of Biotechnology
mLAC, Bangalore – 560012

Final Completion Report



Maharani Lakshmi Ammanni College for Women Autonomous

Affiliated to Bengaluru City University
Re-accredited by NAAC with "A" grade, Recognised by UGC
under Section 2(f) and 12(b) of the UGC Act 1956
Conferred the Status of 'College with Potential for Excellence' by UGC



Annual Report of the work done on the Seed funding Research Project

1. Project Report No. :
2. mLAC Reference No.: **2019-20/mLAC/SF02**
3. Period of the Report : **Completion Report**
4. Title of the Research Project :

“An Empirical study on Consumer perception towards Organic Food product with special Reference to Bengaluru District”

5. a) Name of the Principal Investigator : **Dr. Abhinandan N**
Co-investigator : **Ms. Geetha. N**
b) Dept. & College where work has progressed:
Department of Commerce, Maharani Lakshmi Ammanni College for women, Autonomous
6. Effective date of starting of the project : **24th March 2020**
7. Grant approved and expenditure incurred during the period of the report :
 - a. Total amount approved **Rs. : 10,000**
 - b. Total expenditure **Rs. : 10,000**
 - i. Provide Report of the work done : **Yes**
 - ii. Brief objective of the project :
 - a. To analyze the demographic profile of organic food consumer.
 - b. To study consumer awareness about organic food products.
 - c. To study the perception and attitude of consumers buying and using organic food products.
 - d. To study the factors influencing the consumer to buy organic food product.
 - e. To identify the level of satisfaction among organic food consumers.
 - iii. Publication so far : **Submitted In Journal acceptance is pending**
 - iv. Has the progress been according to original plan of work and towards achieving the objective : **Yes**


Duration of the project:

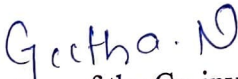
The duration of the project is proposed to be two years as estimated here below:

Sl. No	Particulars	Period
1	Review of literature	6 months
2	Questioner design and Data collection	
	Secondary data	2 Weeks
	Questioner design	1 Week
	Pilot study	1 Week
	Primary data collection	4 Weeks
	Compilation of data	1 Week
3	Data analysis	2 Months
4	Compiling findings and observations	1 Months
5	Report writing	2 Weeks
6	Submission formalities	1 Week
Total		12 Months

v. Please indicate the difficulties, if any, experienced in implementing the project :

- Seed Funding Amount is too less for doing filed based research work
- Seed Funding amount is not sufficient to purchase books and subscribe journals
- The study limited to the respondents of Bengaluru other parts of the state have been ignored.
- An in-depth study is not possible because of time constraint.


Signature of the Principal Investigator


Signature of the Co-investigator


Principal
PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.

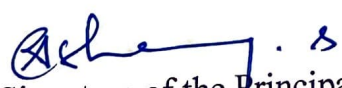
Note-
*PI need to submit a 10 page summary/report including Introduction, review of lit, Material and methods, Results and Discussion, References.
*A email copy of research paper (UGC indexed journal) submitted, published or acceptance letter.
*If not submitted a justification need to be submitted “Why the research manuscript is not submitted to journal”.

Final Completion Report

**MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN
MALLESWARAM, BENGALURU-560012**

Annual Report of the work done on the Seed funding Research Project

1. Project Report No. : 08
2. mLAC Reference No.: Folio.No.2019-20/mLAC/SF08
3. Period of the Report : **Completion Report**
4. Title of the Research Project : “ **Synthesis , Characterization and Photoluminescence Studies of Nanomaterials**”
5. a) Name of the Principal Investigator: **Akshay S**
b) Dept. & University/College where work has progressed :
**Department of Physics. Maharani Lakshmi Ammanni College for Women
Autonomous, Malleswaram, Bangalore-12**
6. Effective date of starting of the project : **25 November 2022**
7. Grant approved and expenditure incurred during the period of the report :
 - a. Total amount approved **Rs. : 20000**
 - b. Total expenditure **Rs. : 21483**
 - i. Provide Report of the work done : Report enclosed
 - ii. Brief objective of the project:
To Synthesize and Characterize the Titanate based Nanomaterials using Solution combustion method.
To Study the Photoluminescence properties of synthesized samples to explore its usage in display technology.
 - iii. Publication so far : Manuscript submitted to **Journal of Science: Advanced Materials and Devices**
 - iv. Has the progress been according to original plan of work and towards achieving the objective : **Yes**
 - v. Please indicate the difficulties, if any, experienced in implementing the project : **Nil**


Signature of the Principal
Investigator/Co-investigator


Registrar/ Principal


Principal
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Bangalore - 560 012.

Final Completion Report

MAHARANI LAKSHMI AMMANNI COLLEGE FOR WOMEN, AUTONOMOUS MALLESWARAM BENGALURU-560012

Annual Report of the work done on the Seed funding Research Project

1. Project Report No. : 2019-20/mLAC/SF05
2. mLAC Reference No.: 2019-20/mLAC/SF05 Dated: 24th March 2020
3. Period of the Report : Completion Report
4. Title of the Research Project : Ameliorative effect of *Cyperus rotundus* L rhizome on phenyl hydrazine induced neonatal hyperbilirubinemia in rats
5. a) Name of the Principal Investigator: Dr. Kamala A
b) Dept. & University/College where work has progressed: Department of Biochemistry, Maharani Lakshmi Ammanni College for Women, Autonomous
6. Effective date of starting of the project : March 1st 2021
7. Grant approved and expenditure incurred during the period of the report :
 - a. Total amount approved Rs. : 20,000/-
 - b. Total expenditure Rs. :20,735/-
 - i. Provide Report of the work done : Report attached
 - ii. Brief objective of the project :
 - ✓ To evaluate the bilirubin lowering potency of *Cyperus rotundus* aqueous extract.
 - ✓ To assess the liver function by evaluating the Alanine transaminase (ALT), Aspartate transaminase (AST), Alkaline Phosphatase (ALP) and Gamma Glutamyl Transferase (GGT).
 - ✓ To assess the Reactive oxygen species (ROS), Catalase and Superoxide Dismutase activity.
 - ✓ Histopathological study to evaluate the effect of phenyl hydrazine on liver.
 - iii. Publication so far : No. Manuscript under preparation
 - iv. Has the progress been according to original plan of work and towards achieving the objective : Yes
 - v. Please indicate the difficulties, if any, experienced in implementing the project :
Could not start the project right on time due to lock down and the seed money sanctioned is not sufficient to cover all the objectives.


Signature of the Principal
Investigator/Co-investigator


Registered Principal
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.

Final Completion Report

**MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN
MALLESWARAM
BENGALURU-560012**

Annual Report of the work done on the Seed funding Research Project

1. Project Report No. : **2019-20/mLAC/SF07**
2. mLAC Reference No.: **2019-20/mLAC/SF07**
3. Period of the Report : **Completion Report. 15th July 2021-15th march 2022**
4. Title of the Research Project : **"Isolation and identification of mastitis causing pathogens"**
5. a) Name of the Principal Investigator: **Dr. Kushalatha M**
b) Deptt. & University/College where work has progressed : **Biochemistry, mLAC**
6. Effective date of starting of the project : **15th July 2021**
7. Grant approved and expenditure incurred during the period of the report :
 - a. Total amount approved **Rs. : 20000/**
 - b. Total expenditure **Rs. : 20000/**
 - i. Provide Report of the work done : **Attached**
 - ii. Brief objective of the project :
 - Identification of the mastitis affected cows.
 - Collection of the milk aseptically from the affected cows.
 - Isolation of mastitis causative organisms from the mastitis affected cow milk sample.
 - Identification of prevalent causative organisms by biochemical tests .
 - Determination of milk composition sample with and without mastitis .
 - Determination of serum sample from mastitis affected cows

- Determination of electrical conductivity and pH of normal milk sample and mastitis milk sample
 - Type and characteristics of proteins was determined using SDS-PAGE .
- iii. Publication so far : Manuscript preparation under process
- iv. Has the progress been according to original plan of work and towards achieving the objective : **No, but there is slight modification due to inaccessibility of lab during pandemic.**
- v. Please indicate the difficulties, if any, experienced in implementing the project : **In view of pandemic period difficult to sustain samples in lab and was no access to laboratory.**
- vi.



Signature of the Principal
Investigator/Co-investigator



Registrar/ Principal
PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012

Note-

- *PI need to submit a 10 page summary/report including Introduction, review of lit, Material and methods, Results and Discussion, References.
- *A email copy of research paper (UGC indexed journal) submitted, published or acceptance letter.
- *If not submitted a justification need to be submitted "Why the research manuscript is not submitted to journal".

**MAHARANI LAKSHMI AMMANNI COLLEGE FOR WOMEN
MALLESWARAM
BENGALURU-560012**

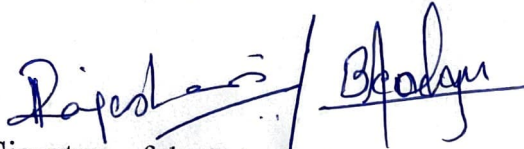
Annual Report of the work done on the Seed funding Research Project

1. Project Report No. : 2019-20
2. mLAC Reference No.: 2019-20/mLAC/SF01
3. Period of the Report : **20/3/2022**

Title of the Research Project: Role of RRBs in Microfinance Delivery for Women Empowerment through Entrepreneurship: A Study in Bangalore Rural District

4. a) Name of the Principal Investigator: Rajeshwari M
b) Deptt. & University/College where work has progressed :Maharani Lakshmi Ammanni College for Women, Autonomous
5. Effective date of starting of the project :24th March 2020
6. Grant approved and expenditure incurred during the period of the report :
 - a. Total amount approved **Rs. : 10,000**
 - b. Total expenditure :**Rs. 11,250**
 - i. Provide Report of the work done : Using both Primary data and secondary data completed project and publication of project under UGC CARE Journal
 - ii. Brief objective of the project : Study the profile of rural women, entrepreneurial activity commenced by rural women with the support of microfinance and also analyze the role of RRBs in microfinance delivery for women empowerment.
 - iii. Publication so far : One UGC CARE Journal is in the Process
 - iv. Has the progress been according to original plan of work and towards achieving the objective : Yes - Extensive Research – Primary data collection was a challenge due to pandemic. Primary data collection involve a lot of expenses which could not met with the fund allotted.

- v. Please indicate the difficulties, if any, experienced in implementing the project:
Information regarding Approval Letter mail would helped us to start the project on time.


Signature of the Principal
Investigator/Co-investigator


Registrar/ Principal

Note-

*PI need to submit a 10 page summary/report including Introduction, review of lit, Material and methods, Results and Discussion, References.

*A email copy of research paper (UGC indexed journal) submitted, published or acceptance letter.

*If not submitted a justification need to be submitted "Why the research manuscript is not submitted to journal".

Final Completion Report

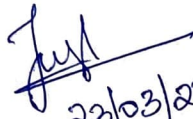
**MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN
MALLESWARAM
BENGALURU-560012**

Annual Report of the work done on the Seed funding Research Project

1. Project Report No. : 1
2. mLAC Reference No.: 2019-20/mLAC/SF057
3. Period of the Report : Completion Report
4. Title of the Research Project : Transcriptome sequencing, analysis and mapping of major genes involved in phenyl-propanoid pathway in *Punica granatum* Linn.
5. a) Name of the Principal Investigator: Usha.T
b) Deptt. & University/College where work has progressed : Biochemistry ,mLAC
6. Effective date of starting of the project:
7. Grant approved and expenditure incurred during the period of the report :
 - a. Total amount approved Rs.: 20,000/-
 - b. Total expenditure Rs.: 24,116/-
- i. Provide Report of the work done: Annexure 1
- ii. Brief objective of the project:
 - Transcriptome profiling of *Punica granatum* peel
 - Identification of phenylpropanoids in *Punica granatum* peel
 - De novo assembly and annotation of the transcriptome data
- iii. Publication so far: Yes
"Gas chromatography-mass spectrometry metabolic profiling, molecular simulation and dynamics of diverse phytochemicals of *Punica granatum* L. leaves against estrogen receptor"
- iv. Has the progress been according to original plan of work and towards achieving the objective: Yes
- v. Please indicate the difficulties, if any, experienced in implementing the project:

Access to laboratory was limited due to COVID Pandemic.

The sanctioned budget was very less compared to proposed budget hence could not complete all the objectives.


23/03/2022
Signature of the Principal Investigator


Registrar/ Principal
PRINCIPAL
Maharani Lakshmi Ammanni College for Women
Bangalore - 560 012.


Investigator/Co-investigator

Note-

- *PI need to submit a 10 page summary/report including Introduction, review of lit, Material and methods, Results and Discussion, References.
- *A email copy of research paper (UGC indexed journal) submitted, published or acceptance letter.
- *If not submitted a justification need to be submitted "Why the research manuscript is not submitted to journal".

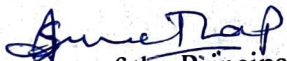
Final Completion Report


**MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN
MALLESWARAM
BENGALURU-560012**

Annual Report of the work done on the Seed funding Research Project

- a Project Report No.: 2019-20/mLAC/SF06
- b mLAC Reference No.: 2019-20/mLAC/SF06
1. Period of the Report: **Completion Report**
2. Title of the Research Project: entitled **"Production Of Keratinase
From Thermophilic *Bacillus* Species"**
3. a) Name of the Principal Investigator: Dr. Suneetha P
b) Dept. & University/College where work has progressed : Department of Biochemistry
4. Effective date of starting of the project: 15-07-2021 to 21-03-2022
5. Grant approved and expenditure incurred during the period of the report: 20,000/-
 - a. Total amount approved **Rs. : 20,000/-**
 - b. Total expenditure **Rs. : 20,000/-**
 - i. Provide Report of the work done:
 - ii. Brief objective of the project:
 - To partially purify the keratinase enzyme from thermophilic *Bacillus* sp.
 - To immobilize the partially purified keratinase enzyme.
 - To purify the enzyme by gel filtration chromatography.
 - Treatment of feather waste using immobilized partially purified enzyme.

- iii. Publication so far: Manuscript preparation is under progress
- iv. Has the progress been according to original plan of work and towards achieving the objective: Molecular work could not be implemented due to covid situation except that all other objective has been completed.
- v. Please indicate the difficulties, if any, experienced in implementing the project: from past two years I was not able to have access to the college physically but still I could able to complete the majority of objectives.


Signature of the Principal
Investigator/Co-investigator


Registrar/ Principal
Principal
Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Bangalore - 560 012.

Note-

- *PI need to submit a 10 page summary/report including Introduction, review of lit, Material and methods, Results and Discussion, References.
- *A email copy of research paper (UGC indexed journal) submitted, published or acceptance letter.
- *If not submitted a justification need to be submitted "Why the research manuscript is not submitted to journal".