

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment	letter

S Kalauren Ai Alla a Ram

Sir/Madam

To:

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Management Representative

N.G.M.COLLEGE POLLACHI

with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Name of the Faculty

Department



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

(AUTONOMOUS)
Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi - 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

Date	Time 11 AM @ Board Room
To: Dr. D. Aprila	Dept 7 B Gow
Sìr/Madam	
Sub: SEED Money for Research to Ref: Third Cycle of SEED Mone	Faculty , your proposal titled " XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
We are happy to sanction Rs 2	25,000/= (Twenty Five thousand) only to you for a period
	arch to make you mobilize resources for your individual
You are requested to abide by the Terms and C	Conditions for SEED Money attached herewith.
You are requested to give an acceptance letter	Principal through Dean Office. Management Representative
with Terms and Conditions . I have read the Te	eceived the copy of this sanction letter for SEED Money erms and conditions and will abide them. Copies of (Self- get, Terms and Conditions are enclosed)
amo of the Faculty Department	Signature of the Faculty

Department

Name of the Faculty

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



Self Declaration

hereby certify that I have received the amount of Rs.25,000/- (Rupees Twenty five thousand only) as SEED money from the Management of NGM College, Pollachi to carry out the project titled
Systainability of Pakadonallar Pobalcats Making
I also certify that this amount will be completely utilized to carry out the project. I will publish two papers (Scopus/WoS/UGC carelist)using this funding. I will acknowledge the SEED money from Management, NGM College, in my published papers. I also declare that no amount will be directed for any other purpose other than that mentioned in the project.
project. I will publish two papers (Scopus/WoS/UGC carelist)using this funding. I will acknowledge the SEED money from Management, NGM College, in my published papers. I also declare that no amount will be directed for any other

Name of the Investigator

Investigator

Manager

Dean

Research

Dean

Academic

Principal





NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

	Allotment letter
	Date 04/03/2023Time 11 AM @ Board Room
	To: Dr. Sentil Kumar 29 of Glow
	Sir/Madam
Ä	Sub: SEED Money for Research to Faculty , your proposal titled "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.
	You are requested to abide by the Terms and Conditions for SEED Money attached herewith.
	You are requested to give an acceptance letter to Principal through Dean Office. Management Representative
	I,received the copy of this sanction letter for SEED Money with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned) , Budget, Terms and Conditions are enclosed)
R'	SENTILLIMAR COMPREDER PA Signature of the Faculty



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Colmbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

		Date	Time 11 AM @ Board Room
To:	Dx	G.	Akilandeswari
Sir/M		,	1991 7. Finance

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Management Representative

received the copy of this sanction letter for SEED Money with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Dr.G. Akilandeswan

Commerce (Firms)



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Colmbatore (Dt)



Self Declaration

1. Dr.D. Padra	hereby
certify that I have received the amount of Rs.25,000/- (Rupe	F
thousand only) as SEED money from the Management of N	IGM College, Pollachi
to carry out the project titled	*
Impact of Digiral Banking Se-	rivice quality
on Customer Sansfaction.	
I also certify that this amount will be completely utiliproject. I will publish two papers (Scopus/WoS/UGC carely will acknowledge the SEED money from Management, Nopublished papers. I also declare that no amount will be directly purpose other than that mentioned in the project.	list)using this funding. IGM College, in my
Dr.D. Podr Name of the Investigator	Signature of Investigator
Manager Dean Dean Research Academic	Principal

5120



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter				
<u>Date</u>	04 03 2023 T	ime 11 AM @	Board Room	
To: \(\int_{\chi} \)	Padma			
Sir/Madam	Depot	A P	A	
Sub: SEED R Ref: Third	Money for Research to Fact Cycle of SEED Money- Fi	ulty , your proposal ti rom April 2023	tled "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	-
	+		v	
We are had of 6 (six) months to enrich research from external fund	ppy to sanction Rs 25,00 your quality of research ding agencies for your re	to make you mobili	ze resources for your in	a period dividual
You are requested to abide	by the Terms and Condi	tions for SEED Mon	ey attached herewith.	
You are requested to give a	n acceptance letter to Pr	incipal through Dea	an Office	
		Principal/	Management Represe	ntative
•		1		
with Terms and Conditions . Declaration (to be signed an	I have read the Terms ar	nd conditions and w	anction letter for SEED N vill abide them. Copies o are enclosed)	Aoney of (Self-
Dr.D. Fredra	B-com (PA) Department	Signatur	re of the Faculty	

6720



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

	Date	Time 11 AM @ Board Room
To:	Dr.R.	Sivarajan
		10e/02 9:28PS

Sir/Madam

Ref: Third Cycle of SEED Money- From April 2023

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Management Representative

with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Name of the Faculty

Department

R. SIVARAJAN B. COM-BPS

Signature of the Faculty

R. Serjan



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

ite Time 11 AM @ Board Room

To: . D. M. Jeeva

Sir/Madam

Dept 9- BEI

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Principal / Management Representative

with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Name of the Faculty

Department

Signature of the Faculty

M. M. Jooka

Banking and showtance



11/09/2023 08:21:41

Account Number - 170101000000284 JEEVA M NGM COLLEGE BRANCH (1701)
Customer Id: 12313238 91 PALAKKAD ROAD; POLLACHI

Open Dt: 09/06/2003 (M); POLLACHI; TAMIL NADU; 642001 Status: Active EMAIL ID: iob1701@iob.in

Address: IFSC CODE: IOBA0001701
31 THIRUVENKADAM NAGAR VADUGUPALAYAM PIRIVU P MICR CODE: 641020046

OLLACHI POLLACHI

POLLACHI 642001

Statement for the period from 27/04/2023 to 29/04/2023

DATE	CHQ NO	NARATION	COD	DEBIT	CREDIT	BALANCE
27-APR-2023		UPI/311775423933/DR/A L POOVIZHI/HDF/CURRENT B	TRF	1030.00		17239.40
27-APR-2023		UPI/311788117771/DR/ARULRAJ R/PYT/TOMATO	TRF	12.00		17227.40
27-APR-2023		UPI/311788237822/DR/ESAKKIRAJA E/YES/FRUITS	TRF	60.00		17167.40
27-APR-2023		UPI/311788286195/DR/ESAKKIRAJA E/YES/FRUITS	TRF	10.00		17157.40
27-APR-2023		UPI/311788521408/DR/REKHAS/YES /SWEETS	TRF	157.00		17000.40
27-APR-2023		UPI/311789109925/DR/G SUDHA/IOB/VEG	TRF	130.00		16870.40
28-APR-2023		NGM	TRF		25000.00	41870.40
28-APR-2023		NEFT-ICIC-IOBAN23118383658- COIMBATORE-	TRF	25000.00		16870.40
29-APR-2023		UPI/311930866906/DR/AARUDHRA CATERING/PYT/TEA	TRF	51.00		16819.40

^{*} denotes cancelled transaction

Total Debit: 26450.0 Total Credit: 25000.0

This is a computer generated statement and does not require signature



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

Date

Time 11 AM @ Board Room

To:

Sir/Madam

Ref: Third Cycle of SEED Money- From April 2023

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Principal/Management Representative

with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Name of the Faculty

B. Com (A)
Department

Budget estimate for the project (please enter your estimate in the dotted line)

Dublication	and the do	ited line)
Publication of reports in journals (Maximum of Rs 5000) (Scopus/WoS/UGC care list for 2 publications Have to be published while submitting final report)	Maximum of 20%	Rs 5000
Field work / travel to present paper, in conference (For paper presentation in conference, registration fees plus travel support) (Maximum Rs 3000)	Maximum of 12%	Rs 3000
Contingency (paper, pen drive etc.) (Maximum 3000)	Maximum of 12%	Rs 3000
Chemicals/Books (must be handed over to library) (property of the college for the use of all faculty of the dept.) (Maxmimum Rs 3000)	Maximum of 12%	Rs 3000
Equipment /Software /Chemicals (property of the college for the use of all faculty of the dept.) (Maximum Rs 3000)	Maximum of 12%	Rs 3000
Hiring services/typing/binding of reports (Max Rs 3000)	Maximum of 12%	Rs 3000
Miscellaneous on prior permission (Maximum Rs 5000)	Maximum of 20%	Rs 5000
1. Normally the transfer of funds		

1. Normally the transfer of funds from one head tp other is not allowed

2. For above mentioned expenses prior permission is to be obtained

3. Books, pen drive, equipment, software, chemicals etc. are to be entered in the department stock note book and are the properties of the college for the usage of all faculty in the department after submission of final technical report of the proposal

Gunal



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



Terms and Conditions for the SEED Money

Venue: Board Room

Date:

_The Principal Investigator must submit an acceptance letter in which he / she should thank for giving SEED money indicating the sanctioned amount, date of start and date of closure of the project. >

- 1. The outcome of the project work and results are the property of the Institution under IPR rules.
- 2. Principal Investigator must acknowledge the Institution for this grant while publishing papers and presenting articles in a conference
- 3. Each and every stage of the project work must be intimated to Director office
- 4. Monthly report on the progress of the project must be intimated before 2 PM on the last working day of a month
- For the purchase of any material/chemical/ you should get 3 quotations and prepare comparative statement and place the Order with a company with justification and with prior permission from Deans and proper entry should be made in stock note book.
- 6. Books and articles purchased for this project must be property of the institution. You should surrender the same to the department/Institution with proper entry in stock register after getting the approval from Deans.
- 7. The duration of the project is 6 months from the date of receiving the money and on any account extension of time will not be granted
- 8. Any expenditure in the project will be under prior permission from the Deans
- 9. If the PI failed to complete the project within 6 months he / she should refund the entire amount to the institute.
- 10. The investigator must publish the outcome, acknowledging the SEED money assistance from the management, within a period of six months from the date of receipt of funds.
- 11. Each and every movement of the project must be brought to the notice of Deans.
- 12. FTR (Final Technical Report) must be submitted to Deans within 5 days after the last day of the project period. (3 copies of FTR and soft copy in CD)
- 13. The department work should not be affected due to this project work.
- 14. At least TWO research paper must be published before the completion of the project
- 15. Submit the Audited Report, while submitting Final Technical report (FTR)

I have read and follow the terms and conditions of the SEÉD Money failing which I will agree to repay the entire amount to the Institution.

Dr. M. DE Lipa Name of the faculty

Name of the Department

-15-

Signature of the faculty

Principal



Re-Accredited by NAAC and ISO 9001-2015 Certified Institution Affiliated to Bharathiar University, Pollachi 642001, Coimbatore (Dt)



Self Declaration

certify that thousand o	I have received inly) as SEED me	he amoun	· · · · · · · · · · · · · · · · · · ·	 10/- (Ruped ment of NO	
of High	llenges o ver Educe Reference	b Restron	ad co	ople in	rogrenian, with
project. I will acknow published p	vill publish two	amount with appers (Score) Dominion of the state of the	Il be completed by the complete completed by the complete completed by the complete	etely utilize GC carelis	ed to carry out the t)using this funding.
Name of the	agopalan Investigator				Signature of Investigator
.	Junal	M -	- Bah		
Manager	Liean	, ,	Dean	-	Principal

Academic

Research



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

Time 11 AM @ Board Room Portabanoay

Sir/Madam

To:

Ref: Third Cycle of SEED Money- From April 2023

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Management Representative

1, received the copy of this sanction letter for SEED Money with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Name of the Faculty

Department

Budget estimate for the project (please enter your estimate in the dotted line)

Publication of reports in journals (Maximum of Rs 5000) (Scopus/WoS/UGC care list for 2 publications Have to be published while submitting final report)	Maximum of 20%	Rs 5000
Field work / travel to present paper, in conference (For paper presentation in conference, registration fees plus travel support) (Maximum Rs 3000)	Maximum of 12%	Rs 3000
Contingency (paper, pen drive etc.) (Maximum 3000)	Maximum of 12%	Rs 3000
Chemicals/Books (must be handed over to library) (property of the college for the use of all faculty of the dept.) (Maxmimum Rs 3000)	Maximum of 12%	Rs 3000
Equipment /Software /Chemicals (property of the college for the use of all faculty of the dept.) (Maximum Rs 3000)	Maximum of 12%	Rs 3000
Hiring services/typing/binding of reports (Max Rs 3000)	Maximum of 12%	Rs 3000
Miscellaneous on prior permission (Maximum Rs 5000) NB	Maximum of 20%	Rs 5000
1 Normally the transfer of fine to		

- 1. Normally the transfer of funds from one head tp other is not allowed
- 2. For above mentioned expenses prior permission is to be obtained
- 3. Books , pen drive , equipment, software , chemicals etc. are to be entered in the department stock note book and are the properties of the college for the usage of all faculty in the department after submission of final technical report of the proposal



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi - 642001; Coimbatore (Dt)



Terms and Conditions for the SEED Money

Venue: Board Room

Date:

The Principal Investigator must submit an acceptance letter in which he / she should thank for giving SEED money indicating the sanctioned amount, date of start and date of closure of the project. -

- 1. The outcome of the project work and results are the property of the Institution under IPR rules.
- 2. Principal Investigator must acknowledge the Institution for this grant while publishing papers and presenting articles in a conference
- 3. Each and every stage of the project work must be intimated to Director office
- 4. Monthly report on the progress of the project must be intimated before 2 PM on the last working day of a month
- 5. For the purchase of any material/chemical/ you should get 3 quotations and prepare comparative statement and place the Order with a company with justification and with prior permission from Deans and proper entry should be made in stock note book.
- 6. Books and articles purchased for this project must be property of the institution. You should surrender the same to the department/Institution with proper entry in stock register after getting the approval from Deans.
- 7. The duration of the project is 6 months from the date of receiving the money and on any account extension of time will not be granted
- 8. Any expenditure in the project will be under prior permission from the Deans
- 9. If the PI failed to complete the project within 6 months he / she should refund the entire amount to the institute.
- 10. The investigator must publish the outcome, acknowledging the SEED money assistance from the management, within a period of six months from the date of receipt of funds.
- 11. Each and every movement of the project must be brought to the notice of Deans.
- 12. FTR (Final Technical Report) must be submitted to Deans within 5 days after the last day of the project period. (3 copies of FTR and soft copy in CD)
- 13. The department work should not be affected due to this project work.
- 14. At least TWO research paper must be published before the completion of the project
- 15. Submit the Audited Report, while submitting Final Technical report (FTR)

I have read and follow the terms and conditions of the SEED Money failing which I will agree to repay the entire amount to the Institution.

Name of the faculty

Name of the Department



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

_	Date	Time 11 A	M @ Board Room	
To:		Amare	ni	
Sir/Mada	f	Inance.		
	Sub: SPEO Maney for Ref: Third Cycle of :	Research to Faculty , your p SEED Money- From April 2	proposal titled * XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
	n external funding ager	ncies for your research act	ty Five thousand) only to you to unobilize resources for your tivities at NGM College.	Individual
You are requi	ested to abide by the T ested to give an accept	erms and Conditions for S ance letter to Principal Ind Pun	EED Money attached herewith rough Dean Office. Management Repr	
******	A COMPITIONS . I DAVE L	ead the Terms and conditioned), Budget, Terms and (y of this sanction letter for SEE	

Dr. R. Amsauni Name of the Faculty

B-(om(Financ) Department

1372



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

	Date)	Time 11 AM @ Board Room		
To:	My.	A, Mw	mganandem		
Sir/Ma	dam	199	r GBCA		
		D Money for Research to d Cycle of SEED Mone	Faculty , your proposal titled " XXXXXXXXXXXXXX." - y- From April 2023		
	months to enric	h your quality of resea	5,000/= (Twenty Five thousand) only to you for a period rch to make you mobilize resources for your individual ur research activities at NGM College.		
	You are requested to abide by the Terms and Conditions for SEED Money attached herewith.				
You are re	equested to give	e an acceptance letter t	Principal through Dean Office. Management Representative		
1,		rece	eived the copy of this sanction letter for SEED Money		
			ns and conditions and will abide them. Copies of (Self-		
Declaration	n (to be signed	and returned) , Budget	, Terms and Conditions are enclosed)		
		,			
Name of the	e Faculty	Department	Signature of the Faculty		



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)

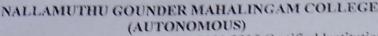


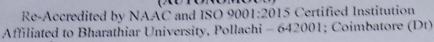
SEED Money for Research - Faculty Empowerment System

		Allotment letter	
_	Date	Time 11 AM @	Board Room
То:	Dy 7.	Sumadhi	
Sir/Madam	1	Sum all AM @ Dept	7BCA
	Sub: SEED Money for Ref: Third Cycle of S	Research to Faculty , your proposa SEED Money- From April 2023	al titled " XXXXXXXXXXXX."
· escareir iroi	n external funding ager	nction Rs 25,000/= (Twenty Five lity of research to make you mo ncies for your research activities erms and Conditions for SEED N	
		ance letter to Principal through	
		Principa	h / Management Representative
	•		
with Terms an	d Conditions . I have r	received the copy of ead the Terms and condition ned), Budget, Terms and Con	f this sanction letter for SEED Money is and will abide them. Copies of (Self- nditions are enclosed)

Name of the Faculty

Department







SEED Money for Research - Faculty Empowerment System

Allotment letter

Time 11 AM @ Board Room

To:

Ms. C. Keer thana, Defor g. C

Sir/Madam

Sub: SEED Money for Research to Faculty , your proposal titled "XXXXXXXXXXXXXXXX."

Ref: Third Cycle of SEED Money- From April 2023

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Principal / Management Representative

1, _____ c- Keethana _____ received the copy of this sanction letter for SEED Money with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

C. KEERTHANA

Name of the Faculty

CT

Department

Machine Learning Based Segmentation and Classification of Chest X-ray Images to Detect Lung Diseases

FINAL TECHNICAL REPORT

ON

SEED MONEY PROJECT (III- CYCLE)

Submitted to

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI

By

MS. C. KEERTHANA M.Sc., M.Phil., (Ph.D)

Assistant Professor

Department of Computer Technology



DEPARTMENT OF COMPUTER TECHNOLOGY

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

An Autonomous Institution affiliated to Bharathiar University

(Re-Accredited by NAAC)

Pollachi - 642001

An ISO 9001:2015 Certified Institution

Coimbatore, Tamil Nadu

October- 2023

"MACHINE LEARNING BASED SEGMENTATION AND CLASSIFICATION OF CHEST X-RAY IMAGES TO DETECT LUNG DISEASES"

is a record of original research work done by Ms. C. KEERTHANA during the period 2023-2024 of her work on SEED Money at Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any university.

Signature of the Academic Dean

Dr. S. Saravana Babu

Dean (3F) NGM College Paighat Road, Pollachi Tamilnadu - 642 001. POLLACHI *
POLLACHI *
Countersigned

Signature of the Research Dean

Dr. S. UMAPATHY

Dean Research

NGM College

Palghat Road, Pollachi

Tamilnadu - 642 001.

Principal

Dr. R. MUTHUKUMARAN,
M.A.,M.Phil.,B.Ed.,Ph.D.,
PRINCIPAL
N.G.M. College, Pollachi - 642 001
Coimbatore District

DECLARATION

I, C. KEERTHANA hereby declare that the dissertation, entitled

"MACHINE LEARNING BASED SEGMENTATION AND CLASSIFICATION OF CHEST X-RAY IMAGES TO DETECT LUNG DISEASES"

submitted to Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi, is a record of original research work done by me during 2023-2024 under the supervision and guidance of Dr. S. SaravanaBabu, Dean Academic, Dr. S. Umapathy, Dean Research, NGM College, Pollachi and it has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any university.

Signature of the Candidate

C+4

SELF DECLARATION

I Ms. C. Keerthana hereby certify that I have received the amount of Rs. 25,000/- (Rupees twenty five thousand only) as SEED money from the Management of NGM College, Pollachi to carry out the project titled "Machine Learning Based Segmentation and Classification of Chest X-ray Images to Detect Lung Diseases".

I also certify that this amount has been completely utilized to carry out the project. I published two papers using this funding. I have acknowledged the SEED money from Management, NGM College, in my published papers. I also declare that no amount was directed for any other purpose other than that mentioned in the project. I have submitted the bills with table of contents of the bills together with the receipt for unspent balance. I also attached audited financial statement.

C. Keerthana

Name of the Investigator

Signature of the Investigator

Manager Manager

Bean Research

Dr. S. UMAPATHY

Dean Research NGM College Paighat Road, Pollachi Tamilnadu - 642 001, Dean Academic

Dr. S. Saravana Babu Dean (SF) NGM College Palghat Road, Pollachi Tamithadu - 642 001. Dr. R. MUTHUKUMARAN, M.A., M.Phil., B.Ed., Ph.D., PRINCIPAL

N.G.M. College, Pollachi - 6-12 001 Coimbatore District

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (Autonomous)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution

Affiliated to Bharathiar University, Pollachi-642001, Coimbatore(Dt)

UTILIZATION CERTIFICATE

SEED MONEY PROJECT

Certified that the grant of Rs,25000(Twenty five thousand only) to be sanctioned to C.Keerthana with Assistant Professor, Department of Computer Technology, NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI by the Management for SEED MONEY as research faculty empowerment system for the project entitled "Machine Learning based Segmentation and Classification of Chest X-ray Images to Detect Lung Diseases" dated 01.04.2023 has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the College. If as a result of check or audit objection some irregularity is noticed at later date action will be taken to refund, adjust or regularize the objected amounts.

M. 107-1. 100

Signature

Charted Accountant / Government Auditor

CA. M. SHANKAR KRISHNASAMY
Proprietor (M.No. 229668)
KRISHNASAMY & ASSOCIATES
Chartered Accountants
FRN 016815S
Mani & Company Building,
42, S.S. Kovil Street, Pollachi • 642 001.

M

Signature

Principal

Dr. R. MUTHUKUMARAN.
M.A., M.Phil., B.Ed., Ph.D.
PRINCIPAL

N.G.M. College, Pollachi - 642 001 Coimbatore District

SEED MONEY PROJECT FINANCIAL STATEMENT OF EXPENDITURE

Mrs. C.Keerthana

Assistant Professor

Department of Computer Technology

Nallamuthu Gounder Mahalingam College

Total Project Cost: Rs. 25,000

Date of Commencement of Project : April 2023

Date of Completion of Project: September 2023

Expense Details

S.No.	Particulars	Company	Bill No	Date	Amount(Rs.)
1		Maharaja Sayajirao	wa me m	19.07.2023	2000
	Article Publication	Shodha - Prabha		05.09.2023	3000
2	Contingency	Sri Vasavi Pen House	19732	02.5.23	250
		ASGN BOOK STORE	143	14.8.2023	300
		Sri Senthil Fancy Store	04	17.5.2023	890
		Amirtham Note Books	313	23.5.23	130
3	Books purchased	Amazon	INVOICE: IN-26480 IN-2175 CJB1- 676666	06.06.2023 06.06.2023 06.06.2023	519.08
4	Hard disk	MBGNET	A005	19.7.23	3950
5	Project Printing & binding	SS INFOTECH	1804	04.08.23	950
6	Auditor Fee	-	218	06-10-23	1000
7	Principal, NGM College, Pollachi(refund)				8342
	Total				25000

Signature of the Dean Research Dr. S. UMAPAT

Dean Research NGM College

Palghat Road, Pollac. 1 Tamilnadu - 642 001. 1.1071 .. 1000

Signature of the Dean Academic

Dr. S. Saravana Babu

Dean (SF) NGM College

CA. M. SHANKAR KRISHNASAM amilnadu - 642 00 1 Proprietor (M.No. 229668)

KRISHNASAMY & ASSOCIATES

Chartered Accountants FRN 016815S Mani & Company Building,

42, S.S. Kovil Street, Pollachi - 642 001.



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dr.)



SEED Money for Research - Faculty Empowerment System

Allotment letter

Date Time 11 AM @ Board Room

To: MS V. Prabarvetti

Sir/Madam

Time 11 AM @ Board Room

Dept 2 II

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Management Representative

received the copy of this sanction letter for SEED Money with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned) , Budget, Terms and Conditions are enclosed)

V. PRABAVATHI Name of the Faculty TT Department V. Prabouall Signature of the Faculty

Ma



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

Date

Time 11 AM @ Board Room

To:

 M_{ζ} M_{ζ}

Sir/Madam

Ref: Third Cycle of SEED Money- From April 2023

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Principal/

Management Representative

with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Name of the Faculty

Depar

Botary



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi - 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

Date

Time 11 AM @ Board Room

Sir/Madam

Sub: SEED Money for Research to Faculty, your proposal titled "XXXXXXXXXXXXXXXX."

Ref: Third Cycle of SEED Money- From April 2023

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Management Representative

1, Mrs. M. ANUSOYA received the copy of this sanction letter for SEED Money with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

Mrs. M. ANUSUYA PG Chemistry Name of the Faculty

Department



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter					
Date Time 11 AM @ Board Room					
To: DN Parinelan Tamillel					
Sir/Madam					
Sub: SEED Money for Research to Faculty, your proposal titled "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	•				
•					
We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.					
You are requested to abide by the Terms and Conditions for SEED Money attached herewith.					
You are requested to give an acceptance letter to Principal through Dean Office. Principal / Management Represent	ative				
	,				
I,received the copy of this sanction letter for SEED Mowith Terms and Conditions. I have read the Terms and conditions and will abide them. Copies of Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)	•				
V. PARIMALAM TAMILLITERATURE IN COL					
Name of the Faculty Department Signature of the Faculty					
•					

Budget estimate for the project (please enter your estimate in the dotted line)

Publication of reports in journals (Maximum of R (Scopus/WoS/UGC care list for 2 publications Have to be published while submitting final repo		Rs 5000
Field work / travel to present paper, in conference (For paper presentation in conference, registration plus travel support) (Maximum Rs 3000)		Rs 3000
Contingency (paper, pen drive etc.) (Maximum 3	3000) Maximum of 12%	Rs 3000
Chemicals/Books (must be handed over to library (property of the college for the use of all faculty (Maxmimum Rs 3000)	y) Maximum of 12% of the dept.)	Rs 3000
Equipment /Software /Chemicals (property of the college for the use of all faculty (Maximum Rs 3000)	Maximum of 12% of the dept.)	Rs 3000
Hiring services/typing/binding of reports (Max Re	s 3000) Maximum of 12%	Rs 3000
Miscellaneous on prior permission (Maximum R	s 5000) Maximum of 20%	Rs 5000

- 1. Normally the transfer of funds from one head tp other is not allowed
- 2. For above mentioned expenses prior permission is to be obtained
- 3. Books, pen drive, equipment, software, chemicals etc. are to be entered in the department stock note book and are the properties of the college for the usage of all faculty in the department after submission of final technical report of the proposal

Sumal

OD OD



NALLAMUTHU GOUNDER MAHALINGAM COLLEGE (AUTONOMQUS)

Re-Accredited by NAAC and ISO 9001:2015 Certified Institution Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



SEED Money for Research - Faculty Empowerment System

Allotment letter

	<u>D</u>	ate	Time 11 AM @ Board Room
To:	M	P.	Veera Silhi Vnayagum
Sir/M			Dept of HE

We are happy to sanction Rs 25,000/= (Twenty Five thousand) only to you for a period of 6 (six) months to enrich your quality of research to make you mobilize resources for your individual research from external funding agencies for your research activities at NGM College.

You are requested to abide by the Terms and Conditions for SEED Money attached herewith.

You are requested to give an acceptance letter to Principal through Dean Office.

Principaal / IManagement Representative

with Terms and Conditions . I have read the Terms and conditions and will abide them. Copies of (Self-Declaration (to be signed and returned), Budget, Terms and Conditions are enclosed)

P. VEER ASITH VINAYA GAN Ammon Excellence A worldwood Name of the Faculty

Department Signature of the Faculty

