



# KRUPANIDHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi, Affiliated to RGUHS, Bengaluru)  
Accredited with Grade 'A' by NAAC, Bengaluru | ISO 9001 - 2015 Certified  
12/1, CHIKKA BELLANDUR, CARMELARAM POST, VARTHUR HOBLI, BANGALORE - 560 035



## 3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution

### *RESEARCH PROJECTS*

SI	Name of the Document	Link the Document
1	CIRCULAR	<a href="#">Click Here</a>
2	The effect of mesoporoussilica as a novel adsorbent in liquid solid compact of lumefantrine	<a href="#">Click Here</a>
3	Development & evaluation of gellan gum based micro particles of Nizatidine for management of gastrointestinal ulcers	<a href="#">Click Here</a>
4	In silicon evaluation and isolation of DNA from cosinium fenestratum seed for investigation of in vitro potent anti-Alzheimer activity	<a href="#">Click Here</a>

***For The Year***

***2020-2021***



## KRUPANIDHI COLLEGE OF PHARMACY

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12/1, CHIKKA BELLANDUR, CARMELARAM POST, VARTHUR HOBLI, BANGALORE - 560 035


Ref No: KCP/CIR-/ 2020-21


Date: 19/10/2020

### CIRCULAR

This is to inform all the staff and students that Ms. Keerthana Ramesh Iyer, UG student has received the RGUHS Project entitled "In silico evaluation and isolation of DNA from *Coscinium fenestratum* seed for investigation of invitro potent anti alzheimer activity" Short Term Research Grant" with the sanction amount Rs. 15,000/- in the academic year 2020-21 under the guidance of Dr. Kuntal Das.

### CONGRATULATIONS

  
20/10/2020  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

  
PRINCIPAL  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035





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12/1, CHIKKA BELLANDUR, CARMELARAM POST, VARTHUR HOBLI, BANGALORE - 560 035


Ref No: KCP/CIR-/ 2020-21


Date: 19/10/2020

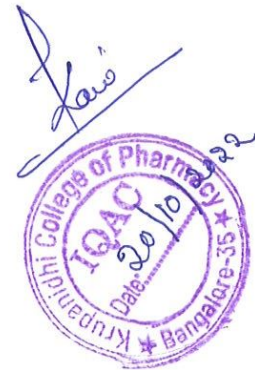
## CIRCULAR

This is to inform all the staff and students that Ms. Kavyashree Modak, UG student has received the RGUHS Project entitled "Development o and evaluation of gellan gum based microparticles of nizatidine for the management of Gastrointensitnal disorder" Short Term Research Grant" with the sanction amount Rs. 15,000/- in the academic year 2020-21 under the guidance of Dr. Preethi Sudheer.

## CONGRATULATIONS

  
20/10/2022  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035







ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು  
RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU  
4<sup>th</sup> T Block, Jayanagar, Bengaluru - 560 041

Ref:RGU/ADV-Res/UG Research/16/2018-19

Date: 30.09.2020

**UNDER GRADUATE PROJECT APPROVAL ORDER**

**Sub:** Orders for approval of research grants to the UG students of affiliated institutions of RGUHS to carryout research projects— reg

**Ref:** 1. University notification No: RGU/Res/UG Research/16/2018-19, dated:30.12.2020  
2. Approval of the Syndicate in its 151<sup>ST</sup> meeting held on 07.08.2020

\*\*\*\*

Project Code and Faculty	UG20PHA500	Pharmacy
Principal Investigator:	Daivanai R	
Research Project Title:	The effect of mesoporous silica as a novel adsorbent in liquisolid compact of lumefantrine	
Sanctioned amount and duration of the project:	15000	Three months from the date of issue of cheque

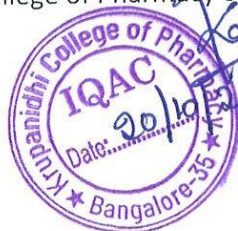
One of the main objectives of the University is to promote research activities in the University and also affiliated colleges. In this regard University had invited applications for financial assistance for conducting the research projects by the UG students of colleges affiliated to RGUHS for the year 2020-21, wherein university received 498 research proposals. The Subject Experts as suggested by the concerned BOS UG chairpersons and the Expert Committee comprising of all the BOS UG chairpersons have scrutinized the research proposals and shortlisted them based on the criteria set out by the University. Such of the proposals which have fulfilled the norms, have been recommended by the Expert Committee for sanction of research grants.

The Syndicate in its 151<sup>ST</sup> meeting held on 07.08.2020 has approved to sanction the grant-in-aid as per the recommendations of Expert Committee for 305 selected proposals in Medical, Dental, Pharmacy, AYUSH, Nursing, Physiotherapy, and Allied Health Sciences for UG students for the year 2020-21.

As per the decision of the Syndicate the following orders are made.

**ORDER NO. RGU/RES/UG RESEARCH/16/2018-19, DATED: 30.09.2020**

Pursuant to the approval of the Syndicate, sanction is hereby accorded for release of grant-in-aid amounting to Rs. 15000/- (Rupees Fifteen Thousand only) towards research proposal entitled ( ' The effect of mesoporous silica as a novel adsorbent in liquisolid compact of lumefantrine) of --Krupanidhi College of Pharmacy college for the year 2020-21.



*20/10/22*  
**PRINCIPAL**  
Krupanidhi College of Pharmacy  
Chikkabellandur, Garmehram Post  
Varthur Hobli, Bangalore - 560 03



The Grant-in-aid will be released in the name of Head of the Institution Krupanidhi College of Pharmacy subject to following terms and conditions mentioned hereunder.

1. The Principal / Head of Institution shall maintain a separate account for research purpose and for receiving the financial grant released by RGUHS in the name of The Principal / Head of the Institution, and the details of the same shall be submitted to RGUHS.
2. Principal / Head of the Institution and the Guide should be responsible for the account and the proper utilization of the funds. The grants released shall be used only for research purpose.
3. The project shall be completed within Three months from the date of release of grant-in-aid. However, the University reserves the right to extend the tenure in deserving cases.
4. Principal Investigator shall furnish project status report once in a month till the completion of the project to the Director, Advance Research, RGUHS.
5. During the research work, members of the Expert Committee along with Subject Experts shall reserve the right of inspection of the research activity being carried out.
6. All the details about the conduct of research activity along with documents should be properly maintained by the Principal Investigator and the guide.
7. ICMR and MCI guidelines especially with regard to ethical issues shall be followed strictly in the research activity.
8. Regarding ethical issues in various faculties, the guidelines prescribed in the apex bodies or any other related authorities or any law/rules approved from time to time specifically applicable to the research being conducted shall strictly be adhered to by the Institution and Principal Investigator and the guide.
9. Research project may be published in national/ international indexed journals after the completion of the project. During such publication it is the duty of the Principal Investigator to acknowledge the assistance given by the University as a source of funding for the research activity. The Principal Investigator shall absolve the University in all future legal complications regarding copyright / plagiarism issues with respect to the research project.
10. In case the Principal Investigator discontinues the research work under unforeseen circumstances, the co-investigator shall continue the research work and complete the project with the approval of the University. It is the responsibility of the Principal/ Head of the Institution/Guide to ensure, in such circumstances, that the research is completed with the co-investigator of the research project. If the project does not have a co-investigator and the principal investigator is withdrawing from the project, then, it shall be the responsibility of the guide to find a suitable alternative for carrying out the research project.
11. It is the responsibility of the Principal/ Head of the Institution and Principal Investigator to ensure that research work is completed within the stipulated time. In the event of failure to comply, the institution and Principal Investigator and guide are jointly liable to refund the research amount released by the University
12. The grants released by the University shall not be utilized for the purpose of purchase of equipment's/ software.
13. After the completion of the project the entire project report shall be submitted to the University and will become property of the University and University owns the intellectual property rights (IPR) as per the guidelines adopted by RGUHS on the recommendations of Expert Committee
14. The principal investigator and the guide agree to the condition that no honorarium will be paid to them.



20/10/22  
**PRINCIPAL**  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

15. If any of the conditions mentioned above are not adhered to by the Principal/ Head of the Institution and the Principal Investigator and guide, University reserves the right to take appropriate action

16. In research proposals involving clinical trials, if any untoward incidence occurs, it is the responsibility of the Principal Investigator, guide and the Institution to deal with the same and the University will not take any responsibility in this regard. The Principal Investigator is advised to enter into insurance schemes to meet any such adverse eventuality as per the decision of the IEC.

17. Mention Project Code for all the correspondence relating to the research project.

Further the Principal / Head of the Institution and Principal Investigator has to submit a joint affidavit duly signed by both of the Principal / Head of the Institution and Principal Investigator which has to be notarized mentioning all the conditions from Sl.No. 1 to 17 and stating that they will abide by the conditions stipulated in this order.

Only after the receipt of Pre-receipt certificate and the affidavit as above, further process for release of research grant-in-aid will be initiated. These documents have to be submitted to the Director, Advanced Research, RGUHS (superscribing the documents as ("Under graduate Research proposal") either in person or by post within 15 days without fail. Soft copies of these documents shall also be sent to [advresearch@rguhs.ac.in](mailto:advresearch@rguhs.ac.in)

Sanctioned amount will be sent through RTGS only after you submit the affidavit and pre-receipt to Advanced research dept, RGUHS. Acknowledgement of receipt of the sanctioned amount should be made by sending mail or bank statement to [advresearch@rguhs.ac.in](mailto:advresearch@rguhs.ac.in).

By order,

REGISTRAR

To

1. Principal Investigator of the above research project  
Dean / Director /Principal of the Institute / College



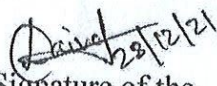
Handwritten signature and date: 20/10/22  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

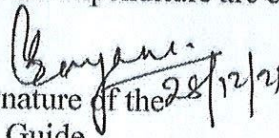


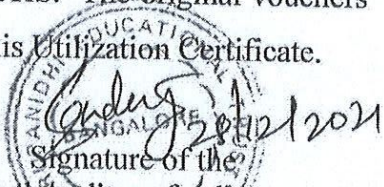
**UTILIZATION CERTIFICATE FOR 1<sup>st</sup> INSTALMENT OF RESEARCH GRANTS**

<b>PROJECT CODE</b>	<b>UG20PHA500</b>
<b>Name of the UG Researcher</b>	<b>Daivanai R</b>
<b>Mobile No and Email ID</b>	9845990397 daivanairamachandran1999@gmail.com
<b>Name of the Guide</b>	<b>Sayani Bhattacharyya</b>
<b>Mobile No and Email ID</b>	9845561865, sayanibh@gmail.com
<b>Name &amp; address of the College</b>	KRUPANIDHI COLLEGE OF PHARMACY
<b>Title of the Project</b>	The effect of mesoporous silica as a novel adsorbent in liquisolid compact of lumefantrine
<b>Total Research Grants Sanctioned</b>	Rs 15,000/-
<b>Grants payment vide Cheque No. and date</b>	101452020210616005000000024 and 16 <sup>th</sup> June 2021

The sum released, has been completely utilized for the purpose of conduct of research project. This expenditure incurred is as per the guidelines issued by RGUHS. The original vouchers duly certified with regards to the expenditure are enclosed with this Utilization Certificate.

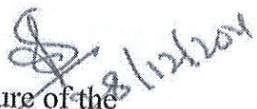
  
Signature of the  
Researcher

  
Signature of the  
Guide

  
Internal Auditor of college

It is also certified that I have satisfied myself that the conditions on which the grant was sanctioned by the University has been duly fulfilled and that I have exercised all necessary checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Date: 28/12/2021  
Place: Bangalore

  
Signature of the  
Head of the Institution

- Encl: 1. Statement of Expenditure  
2. All original vouchers duly certified  
3. Auditor's Report



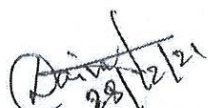
  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

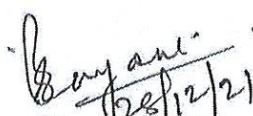


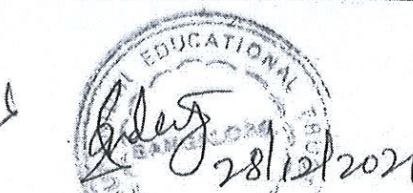
### Statement of expenditure

<b>PROJECT CODE</b>	UG20PHA500
<b>Name of the Principal Investigator</b>	Daivanai R
<b>Mobile No and Email ID</b>	9845990397 daivanairamachandran1999@gmail.com
<b>Name &amp; address of the College</b>	KRUPANIDHI COLLEGE OF PHARMACY, 12/1,CHIKKABELLANDUR,CARMELARAM POST,BENGALURU-560035
<b>Title of the Project</b>	The effect of mesoporous silica as a novel adsorbent in liquisolid compact of lumefantrine
<b>Total Research Grants Sanctioned</b>	Rs 15,000/-
<b>First Instalment Grants released</b>	16/06/2021
<b>First Instalment Grants payment vide Cheque No. and date</b>	101452020210616005000000024

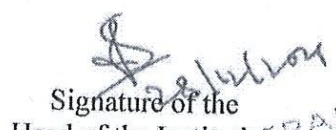
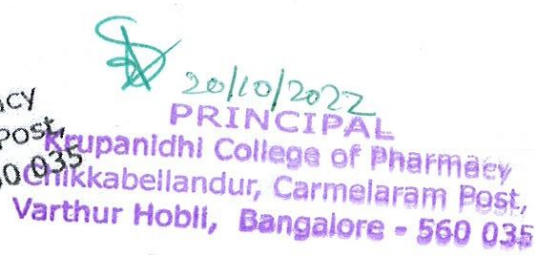
Sl.No.	Particulars of expenditure	Amount spent	Bill/Voucher No.	Remarks
1.	HPLC method development	3000	2258	Analytical development
2.	HPLC Grade solvent purchase	3000	77	Analytical development
3.	STA study	3964	IISC INUP Account	Preformulation analysis
4.	SEM STUDY	1557	IISC INUP Account	Preformulation analysis
5.	FTIR, PXRD, STA, SEM	4503	IISC INUP Account	Final analysis
	<b>TOTAL</b>	16024		

  
28/12/21  
Signature of the Researcher

  
28/12/21  
Signature of the Guide

  
28/12/2021  
Signature of the Internal Auditor of college

  
Signature of the Head of the Institution  
  
Krupanidhi College of Pharmacy  
IQAC  
Date: 20/10/2022  
Bangalore-35

  
Signature of the Principal  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035  
  
20/10/2022  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

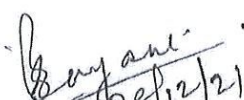



### Statement of expenditure

<b>PROJECT CODE</b>	UG20PHA500
<b>Name of the Principal Investigator</b>	Daivanai R
<b>Mobile No and Email ID</b>	9845990397 daivanairamachandran1999@gmail.com
<b>Name &amp; address of the College</b>	KRUPANIDHI COLLEGE OF PHARMACY, 12/1,CHIKKABELLANDUR,CARMELARAM POST,BENGALURU-560035
<b>Title of the Project</b>	The effect of mesoporous silica as a novel adsorbent in liquisolid compact of lumefantrine
<b>Total Research Grants Sanctioned</b>	Rs 15,000/-
<b>First Instalment Grants released</b>	16/06/2021
<b>First Instalment Grants payment vide Cheque No. and date</b>	101452020210616005000000024

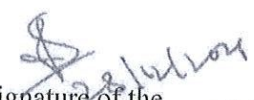
Sl.No.	Particulars of expenditure	Amount spent	Bill/Voucher No.	Remarks
1.	HPLC method development	3000	2258	Analytical development
2.	HPLC Grade solvent purchase	3000	77	Analytical development
3.	STA study	3964	IISC INUP Account	Preformulation analysis
4.	SEM STUDY	1557	IISC INUP Account	Preformulation analysis
5.	FTIR, PXRD, STA, SEM	4503	IISC INUP Account	Final analysis
	<b>TOTAL</b>	16024		

  
Signature of the  
Researcher


  
Signature of the  
Guide

  
Signature of the  
Internal Auditor of college



  
Signature of the  
Head of the Institution

PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

  
Signature of the  
Head of the Institution

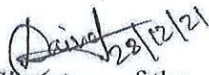
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

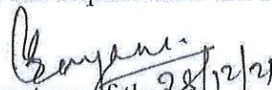


**UTILIZATION CERTIFICATE FOR 1<sup>st</sup> INSTALMENT OF RESEARCH GRANTS**

<b>PROJECT CODE</b>	<b>UG20PHA500</b>
<b>Name of the UG Researcher</b>	<b>Daivanai R</b>
<b>Mobile No and Email ID</b>	9845990397 daivanairamachandran1999@gmail.com
<b>Name of the Guide</b>	<b>Sayani Bhattacharyya</b>
<b>Mobile No and Email ID</b>	9845561865, sayanibh@gmail.com
<b>Name &amp; address of the College</b>	KRUPANIDHI COLLEGE OF PHARMACY
<b>Title of the Project</b>	The effect of mesoporous silica as a novel adsorbent in liquisolid compact of lumefantrine
<b>Total Research Grants Sanctioned</b>	Rs 15,000/-
<b>Grants payment vide Cheque No. and date</b>	101452020210616005000000024 and 16 <sup>th</sup> June 2021

The sum released, has been completely utilized for the purpose of conduct of research project. This expenditure incurred is as per the guidelines issued by RGUHS. The original vouchers duly certified with regards to the expenditure are enclosed with this Utilization Certificate.

  
Signature of the  
Researcher

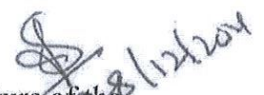
  
Signature of the  
Guide

  
Signature of the  
Internal Auditor of college



It is also certified that I have satisfied myself that the conditions on which the grant was sanctioned by the University has been duly fulfilled and that I have exercised all necessary checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Date: 28/12/2021  
Place: Bangalore

  
Signature of the  
Head of the Institution

- Encl: 1. Statement of Expenditure  
2. All original vouchers duly certified  
3. Auditor's Report



  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU  
4<sup>th</sup> T Block, Jayanagar, Bengaluru - 560 041

3.1.1  
20-24

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE

UNDER GRADUATE PROJECT APPROVAL ORDER

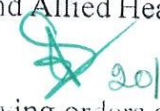
Sub:	Orders for approval of research grants to the UG students of affiliated institutions of RGUHS to carryout research projects— reg
Ref:	1. University notification No: RGU/ADV_RES/UG-RESEARCH/98/2020-21 dated:18-02-2021 2. Approval of the Finance Committee dated: 01-09-2021 3. Approval of Hon'ble Vice Chancellor dated: 04-10-2021
Project Code	UG21PHA296 Pharmacy
Principal Investigator	Kabyashree Modak
College	Krupanidhi college of Pharmacy
Name of the Guide	dr. Preeethi Sudheer
Research Project Title	Development and Evaluation of Gellan gum based microparticles of Nizatidine for the management of gastrointestinal ulcers
Research Grants Sanctioned	15000
Duration of the Pro	Three months from the date of issue of amount through NEFT/RTGS.

One of the main objectives of the University is to promote research activities in the University affiliated colleges. In this regard University had invited applications for financial assistance for conducting the research projects by the UG students of colleges affiliated to RGUHS for the year 2021-22, wherein university received 360 research proposals. The Subject Experts as suggested by the concerned BOS UG chairpersons and the Expert Committee comprising of all the BOS UG chairpersons have scrutinized the research proposals and shortlisted them based on the criteria set out by the University. Such of the proposals which have fulfilled the norms, have been recommended by the Expert Committee for sanction of research grants.

The Hon'ble Vice chancellor has approved to sanction the grant-in-aid as per the recommendations of Expert Committee for 250 selected proposals in Medical, Dental, Pharmacy, AYUSH, Nursing, Physiotherapy, Homoeopathy and Allied Health Sciences for UG students for the year 2021-22.

As per the decision of the Hon'ble Vice chancellor the following orders are made.



  
20/10/2022  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035



ORDER NO. RGU/RES/UG RESEARCH/98/2020-21, DATED:07-10-2021

Pursuant to the approval of the Syndicate, sanction is hereby accorded for release of grant-in-aid amounting to Rs. 15000 towards research proposal entitled "Development and Evaluation of Gellan gum based microparticles of Nizatidine for the management of gastrointestinal ulcers" of Kabyashree Modak, for the year 2021-22.

The Grant-in-aid will be released in the name of Head of the Institution subject to following terms and conditions mentioned hereunder.

1. The Principal / Head of Institution shall maintain a separate account for research purpose and for receiving the financial grant released by RGUHS in the name of The Principal / Head of the Institution, and the details of the same shall be submitted to RGUHS.
2. Principal / Head of the Institution and the Guide shall be responsible for the accounts and the proper utilization of the funds. The grants released shall be used only for research purpose.
3. The project shall be completed within Three months from the date of release of grants. However, the University reserves the right to extend the tenure in deserving cases.
4. Principal Investigator shall furnish project status report once in a month till the completion of the project to the Director, Advanced Research, RGUHS.
5. During the research work, members of the Expert Committee along with Subject Experts shall reserve the right of inspection of the research activity being carried out.
6. All the details about the conduct of research activity along with documents should be properly maintained by the Principal Investigator and the guide.
7. ICMR and MCI guidelines especially with regard to ethical issues shall be followed strictly in the research activity.
8. Regarding ethical issues in various faculties, the guidelines prescribed in the apex bodies or any other related authorities or any law/rules approved from time to time specifically applicable to the research being conducted shall strictly be adhered to by the Institution, Principal Investigator and the guide.
9. Research project may be published in national/ international indexed journals after the completion of the project. During such publication it is the duty of the Principal Investigator to acknowledge the assistance given by the University as a source of funding for the research activity. The Principal Investigator shall absolve the University in all future legal complications regarding copyright/ plagiarism issues with respect to the research project.
10. In case the Principal Investigator discontinues the research work under unforeseen circumstances, the guide/Head of the institute shall take the responsibility to find a suitable alternative for carrying out the research project with the consent of the university or the entire Research grant may be refunded through DD favoring "Registrar RGUHS". It is the responsibility of the Principal/ Head of the Institution/Guide to ensure, in such circumstances, that the research is completed.
11. It is the responsibility of the Principal/ Head of the Institution/Guide and Principal Investigator to ensure that research work is completed within the stipulated time. In the event of failure to comply, the institution and Principal Investigator and guide are jointly liable to refund the research amount released to the University.
12. The grants released by the University shall not be utilized for the purpose of purchase of instruments/equipment's/ software etc.( If the audit team mentions any inadmissible bills and vouchers , the Principal investigators/guide has to reimburse the amount to RGUHS.)
13. 70% of the sanctioned grants shall be utilized for the research proper and only 30% of the grants shall be utilized towards Contingencies, travel, stationary, publication, presentation and other miscellaneous expenditure.



  
20/10/2022  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035



14. Final report, Utilization Certificate (duly attested by the internal auditor of the institution of the PI), Original bills (with GST) and vouchers have to be submitted on the completion of the Research project.
15. E-Completion certificate shall be issued to the successful PI's on receiving "No objection" from the auditors of the University.
16. After the completion of the project the entire project report shall be submitted to the University and will become property of the University and University owns the intellectual property rights (IPR) as per the guidelines adopted by RGUHS on the recommendations of Expert Committee
17. The principal investigator and the guide agree to the condition that no honorarium will be paid to them.
18. The research grant can be utilized for travelling and registration charges if the project is going to be presented in state conferences only. Further research grant can be utilized for expenses involved in publication of the research in an indexed journal.
19. If any of the conditions mentioned above are not adhered to by the Principal/ Head of the Institution / Principal Investigator and guide, University reserves the right to take appropriate action.
20. In research proposals involving clinical trials, if any untoward incidence occurs, it is the responsibility of the Principal Investigator, guide and the Institution to deal with the same and the University will not take any responsibility in this regard. The Principal Investigator is advised to enter into insurance schemes to meet any such adverse eventuality as per the decision of the IEC (Institutional Ethical Committee)

Further the Principal / Head of the Institution and Principal Investigator has to submit a joint affidavit duly signed by both of the Principal / Head of the Institution and Principal Investigator which has to be notarized mentioning all the conditions from Sl.No. 1 to 20 and stating that they will abide by the conditions stipulated in this order.

Only after the receipt of Pre-receipt certificate and the affidavit as above, further process for release of research grant-in-aid will be initiated. These documents have to be submitted to the Director, Advanced Research, RGUHS (superscribing the documents as ("Advanced Research proposal") either in person or by post (To the address Director Advanced Research, 4<sup>th</sup> 'T' block Jayanagar, Bangalore-560041) on or before 31-10-2021 without fail. Soft copies of these documents shall also be sent to rguhsresearch@gmail.com.

  
REGISTRAR  


To

1. Principal Investigator of the above research project
2. Principal Of the Institute/ College



  
20/10/2022  
20  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU  
4<sup>th</sup> T Block, Jayanagar, Bengaluru - 560 041

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE

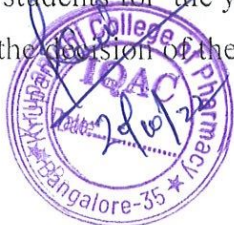
UNDER GRADUATE PROJECT APPROVAL ORDER

Sub:	Orders for approval of research grants to the UG students of affiliated institutions of RGUHS to carryout research projects— reg
Ref:	1. University notification No: RGU/ADV_RES/UG-RESEARCH/98/2020-21 dated:18-02-2021 2. Approval of the Finance Committee dated: 01-09-2021 3. Approval of Hon'ble Vice Chancellor dated: 04-10-2021
Project Code	UG21PHA296 Pharmacy
Principal Investigator	Kabyashree Modak
College	Krupanidhi college of Pharmacy
Name of the Guide	dr. Preeethi Sudheer
Research Project Title	Development and Evaluation of Gellan gum based microparticles of Nizatidine for the management of gastrointestinal ulcers
Research Grants Sanctioned	15000
Duration of the Pro	Three months from the date of issue of amount through NEFT/RTGS.

One of the main objectives of the University is to promote research activities in the University affiliated colleges. In this regard University had invited applications for financial assistance for conducting the research projects by the UG students of colleges affiliated to RGUHS for the year 2021-22, wherein university received 360 research proposals. The Subject Experts as suggested by the concerned BOS UG chairpersons and the Expert Committee comprising of all the BOS UG chairpersons have scrutinized the research proposals and shortlisted them based on the criteria set out by the University. Such of the proposals which have fulfilled the norms, have been recommended by the Expert Committee for sanction of research grants.

The Hon'ble Vice chancellor has approved to sanction the grant-in-aid as per the recommendations of Expert Committee for 250 selected proposals in Medical, Dental, Pharmacy, AYUSH, Nursing, Physiotherapy, Homoeopathy and Allied Health Sciences for UG students for the year 2021-22.

As per the decision of the Hon'ble Vice chancellor the following orders are made.



**PRINCIPAL**  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

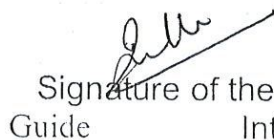


**UTILIZATION CERTIFICATE FOR 1<sup>st</sup> INSTALMENT OF RESEARCH GRANTS**

PROJECT CODE	UG21PHA296
Name of the UG Researcher	Kabyashree Modak,
Mobile No and Email ID	8638486649/ <a href="mailto:kavyamodak2000@gmail.com">kavyamodak2000@gmail.com</a>
Name of the Guide	Dr. Preethi Sudheer
Mobile No and Email ID	9449822912/ <a href="mailto:preetisudheer@gmail.com">preetisudheer@gmail.com</a>
Name & address of the College	121, Chikka Bellandur, Carmelaram Post, Varthur Hobli, off Sarjapur Road, Bangalore – 560 035
Title of the Project	Development and evaluation of gellan gum based microparticles of nizatidine for the management of Gastrointestinal ulcers
Total Research Grants Sanctioned	Rs. 15000/-
Grants payment vide Cheque No. and date	NEFT/CIUBH21358035832/RGUHS/GENERAL PAYMENT

The sum released, has been completely utilized for the purpose of conduct of research project. This expenditure incurred is as per the guidelines issued by RGUHS. The original vouchers duly certified with regards to the expenditure are enclosed with this Utilization Certificate.

  
Signature of the Researcher

  
Signature of the Guide

**MSRK & CO**  
Chartered Accountants  
  
Murali Krishna Rajanna, Partner  
Membership No. 226507  
Firm Registration No: 0132326

VDIN : 22226507AKQBLG7779  
9/06/2022



It is also certified that I have satisfied myself that the conditions on which the grants was sanctioned by the University has been duly fulfilled and that I have exercised all necessary checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Date: 18/6/22

Place: Bangalore

  
Signature of the Head of the Institution  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

- Encl: 1. Statement of Expenditure  
2. All original vouchers duly certified  
3. Auditor's Report

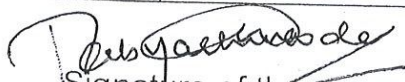





## Statement of expenditure

PROJECT CODE	UG21PHA296
Name of the Principal Investigator	Dr. Preethi Sudheer
Mobile No and Email ID	9449822912/ <a href="mailto:preetisudheer@gmail.com">preetisudheer@gmail.com</a>
Name & address of the College	Krupanidhi College Pharmacy, 12/1, Chikka Bellandur, Carmelaram Post, Varthur Hobli, off Sarjapur Road, Bangalore - 560 035
Title of the Project	DEVELOPMENT AND EVALUTION OF GELLAN GUM BASED MICROPARTICLES OF NIZATIDINE FOR THE MANAGEMENT OF GASTROINTESTINAL ULCERS
Total Research Grants Sanctioned	Rs. 15000/-
First Instalment Grants released	Rs. 15000/-
First Instalment Grants payment vide Cheque No. and date	NEFT/CIUBH21358035832/RGUHS/GENERAL PAYMENT

Sl.No.	Particulars of expenditure	Amount spent	Bill/Voucher No.	Remarks
1	Ms. Kabyashree Modak (Sample analysis) General miscellaneous expenses	6257	626676	(Sample analysis) General miscellaneous expenses
2	Apison Labtech	8743	626675	Purchase of polymer, reagents crosslinking agents and solvents
		TOTAL	Rs. 15000	

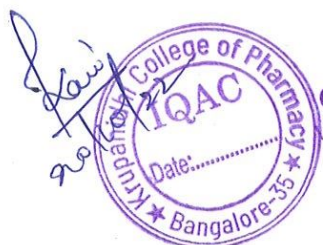
  
Signature of the Researcher

  
Signature of the Guide

  
Signature of the Internal Auditor of college

  
Signature of the Head of the Institution  
**PRINCIPAL**  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

**MSRK & CO**  
Chartered Accountants  
  
Murali Krishna Rajanna, Partner  
Membership No. 226507  
Firm Registration No: 0132325  
UDIN: 22226507AKQBLG74179





3.1.1  
20-21



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RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA, BENGALURU  
4<sup>th</sup> T Block, Jayanagar, Bengaluru - 560 041

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE

UNDER GRADUATE PROJECT APPROVAL ORDER

Sub:	Orders for approval of research grants to the UG students of affiliated institutions of RGUHS to carryout research projects— reg
Ref:	1. University notification No: RGU/ADV_RES/UG-RESEARCH/98/2020-21 dated:18-02-2021 2. Approval of the Finance Committee dated: 01-09-2021 3. Approval of Hon'ble Vice Chancellor dated: 04-10-2021
Project Code	UG21PHA283 Pharmacy
Principal Investigator	Keerthana Ramesh Iyer
College	Krupanidhi College of Pharmacy
Name of the Guide	Dr Kuntal Das
Research Project Title	In silico evaluation and isolation of DNA from Coscinium fenestratum seed for investigation of in vitro potent anti Alzheimer activity
Research Grants Sanctioned	15000
Duration of the Pro	Three months from the date of issue of amount through NEFT/RTGS.

One of the main objectives of the University is to promote research activities in the University affiliated colleges. In this regard University had invited applications for financial assistance for conducting the research projects by the UG students of colleges affiliated to RGUHS for the year 2021-22. wherein university received 360 research proposals. The Subject Experts as suggested by the concerned BOS UG chairpersons and the Expert Committee comprising of all the BOS UG chairpersons have scrutinized the research proposals and shortlisted them based on the criteria set out by the University. Such of the proposals which have fulfilled the norms, have been recommended by the Expert Committee for sanction of research grants.

The Hon'ble Vice chancellor has approved to sanction the grant-in-aid as per the recommendations of Expert Committee for 270 selected proposals in Medical, Dental, Pharmacy, AYUSH, Nursing, Physiotherapy, Homoeopathy and Allied Health Sciences for UG students for the year 2021-22.

As per the decision of the Hon'ble Vice Chancellor the following orders are made.



PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035



ORDER NO. RGU/RES/UG RESEARCH/98/2020-21, DATED:07-10-2021

Pursuant to the approval of the Syndicate, sanction is hereby accorded for release of grant-in-aid amounting to Rs. 15000 towards research proposal entitled "In silico evaluation and isolation of DNA from *Coscinium fenestratum* seed for investigation of in vitro potent anti Alzheimer activity" of Keerthana Ramesh Iyer, for the year 2021-22.

The Grant-in-aid will be released in the name of Head of the Institution subject to following terms and conditions mentioned hereunder.

1. The Principal / Head of Institution shall maintain a separate account for research purpose and for receiving the financial grant released by RGUHS in the name of The Principal / Head of the Institution, and the details of the same shall be submitted to RGUHS.
2. Principal / Head of the Institution and the Guide shall be responsible for the accounts and the proper utilization of the funds. The grants released shall be used only for research purpose.
3. The project shall be completed within Three months from the date of release of grants. However, the University reserves the right to extend the tenure in deserving cases.
4. Principal Investigator shall furnish project status report once in a month till the completion of the project to the Director, Advanced Research, RGUHS.
5. During the research work, members of the Expert Committee along with Subject Experts shall reserve the right of inspection of the research activity being carried out.
6. All the details about the conduct of research activity along with documents should be properly maintained by the Principal Investigator and the guide.
7. ICMR and MCI guidelines especially with regard to ethical issues shall be followed strictly in the research activity.
8. Regarding ethical issues in various faculties, the guidelines prescribed in the apex bodies or any other related authorities or any law/rules approved from time to time specifically applicable to the research being conducted shall strictly be adhered to by the Institution, Principal Investigator and the guide.
9. Research project may be published in national/ international indexed journals after the completion of the project. During such publication it is the duty of the Principal Investigator to acknowledge the assistance given by the University as a source of funding for the research activity. The Principal Investigator shall absolve the University in all future legal complications regarding copyright/ plagiarism issues with respect to the research project.
10. In case the Principal Investigator discontinues the research work under unforeseen circumstances, the guide/Head of the institute shall take the responsibility to find a suitable alternative for carrying out the research project with the consent of the university or the entire Research grant may be refunded through DD favoring "Registrar RGUHS". It is the responsibility of the Principal/ Head of the Institution/Guide to ensure, in such circumstances, that the research is completed.
11. It is the responsibility of the Principal/ Head of the Institution/Guide and Principal Investigator to ensure that research work is completed within the stipulated time. In the event of failure to comply, the institution and Principal Investigator and guide are jointly liable to refund the research amount released to the University.
12. The grants released by the University shall not be utilized for the purpose of purchase of instruments/equipment's/ software etc. (If the audit team mentions any inadmissible bills and vouchers, the Principal investigators/guide has to reimburse the amount to RGUHS.)
- 20% of the sanctioned grants shall be utilized for the research proper and only 30% of the grants shall be utilized towards Contingencies, travel, stationary, publication, presentation and other miscellaneous expenditure.



Handwritten signature and date: 20/10/2021  
Principal  
K. J. Somaiya Institute of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Vartur Hobli, Bangalore - 560 035



14. Final report, Utilization Certificate (duly attested by the internal auditor of the institution of the PI), Original bills (with GST) and vouchers have to be submitted on the completion of the Research project.
15. E-Completion certificate shall be issued to the successful PI's on receiving "No objection" from the auditors of the University.
16. After the completion of the project the entire project report shall be submitted to the University and will become property of the University and University owns the intellectual property rights (IPR) as per the guidelines adopted by RGUHS on the recommendations of Expert Committee
17. The principal investigator and the guide agree to the condition that no honorarium will be paid to them.
18. The research grant can be utilized for travelling and registration charges if the project is going to be presented in state conferences only. Further research grant can be utilized for expenses involved in publication of the research in an indexed journal.
19. If any of the conditions mentioned above are not adhered to by the Principal/ Head of the Institution / Principal Investigator and guide, University reserves the right to take appropriate action.
20. In research proposals involving clinical trials, if any untoward incidence occurs, it is the responsibility of the Principal Investigator, guide and the Institution to deal with the same and the University will not take any responsibility in this regard. The Principal Investigator is advised to enter into insurance schemes to meet any such adverse eventuality as per the decision of the IEC (Institutional Ethical Committee)

Further the Principal / Head of the Institution and Principal Investigator has to submit a joint affidavit duly signed by both of the Principal / Head of the Institution and Principal Investigator which has to be notarized mentioning all the conditions from Sl.No. 1 to 20 and stating that they will abide by the conditions stipulated in this order.


Only after the receipt of Pre-receipt certificate and the affidavit as above, further process for release of research grant-in-aid will be initiated. These documents have to be submitted to the Director, Advanced Research, RGUHS (superscribing the documents as ("Advanced Research proposal") either in person or by post (To the address Director Advanced Research, 4<sup>th</sup> 'T' block Jayanagar, Bangalore-560041) on or before 31-10-2021 without fail. Soft copies of these documents shall also be sent to [rguhsresearch@gmail.com](mailto:rguhsresearch@gmail.com).

  
REGISTRAR  


To

1. Principal Investigator of the above research project
2. Principal Of the Institute/ College



  
20/10/22  
**PRINCIPAL**  
Krupanidhi College of Pharmacy  
Chikkabellandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035



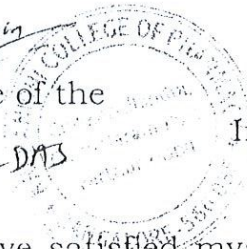
**UTILIZATION CERTIFICATE FOR 1<sup>st</sup> INSTALMENT OF  
RESEARCH GRANTS**

PROJECT CODE	UG21PHA283
Name of the UG Researcher	Keerthana Ramesh Iyer
Mobile No and Email ID	Mob: 7506479565; Email: krmiyer@gmail.com
Name of the Guide	Dr. Kuntal Das
Mobile No and Email ID	Mob: 9632542846; Email: drkkdsd@gmail.com
Name & address of the College	Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram post, Varthur Hobli. Bangalore-560035
Title of the Project	In silico evaluation and isolation of DNA from Coscinium fenestratum seed for investigation of in vitro potent anti Alzheimer activity
Total Research Grants Sanctioned	Rs. 15,000/-
Grants payment vide Cheque No. and date	NEFT/CIUBH21358035824/RGUHSGENERAL PAYMENT//ATTN/N, Dated: 24/12/2021

The sum released, has been completely utilized for the purpose of conduct of research project. This expenditure incurred is as per the guidelines issued by RGUHS. The original vouchers duly certified with regards to the expenditure are enclosed with this Utilization Certificate.

*Keerthana Iyer*  
Signature of the Researcher  
Keerthana Iyer

*Dr. Kuntal Das*  
Signature of the Guide  
Dr. Kuntal Das



M S R K & CO.  
Chartered Accountants  
*[Signature]*  
Signature of the Internal Auditor of college  
CDIN: 22226601AJFJUN59-10

It is also certified that I have satisfied myself that the conditions on which the grants was sanctioned by the University has been duly fulfilled and that I have exercised all necessary checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Date: 19/5/22  
Place: *Blore*

*[Signature]*  
Signature of the Head of the Institution  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabelandur, Carmelaram Post,  
Varthur Hobli, Bangalore - 560 035

Encl: 1. Statement of Expenditure  
All original vouchers duly certified  
Auditor's Report





## Statement of expenditure

PROJECT CODE	UG21PHA283
Name of the Principal Investigator	Keerthana Ramesh Iyer
Mobile No and Email ID	Mob: 7506479565; Email: krmiyer@gmail.com
Name & address of the College	Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram post, Varthur Hobli. Bangalore-560035
Title of the Project	In silico evaluation and isolation of DNA from Coccinidium fenestratum seed for investigation of in vitro potent anti Alzheimer activity
Total Research Grants Sanctioned	Rs. 15,000/-
First Instalment Grants released	Rs. 15,000/-
First Instalment Grants payment vide Cheque No. and date	NEFT/CIUBH21358035824/RGUHSGENERAL PAYMENT//ATTN/N, Dated: 24/12/2021

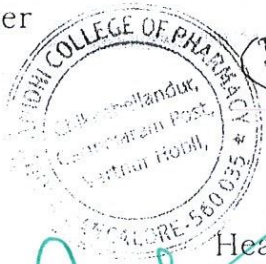
Sl.No.	Particulars of expenditure	Amount spent	Bill/Voucher No.	Remarks
1	Seed collection	Rs. 2000/-	626669	Paid through cheque
2	Chemicals & standard drug	Rs. 6000/-	626664	Paid through cheque
3	Sample analysis	Rs. 7000/-	626665	Paid through cheque
		TOTAL: Rs. 15000/-		

*Keerthana Iyer*  
Signature of the Researcher

Keerthana Iyer.

*Dr. Kuntal Das*  
Signature of the Guide  
(DR. KUNTAL DAS)

*Vinayakumar*  
Signature of the Internal Auditor of college  
UDIN: 22226507AJFJGVSSJ10



*[Signature]*  
Signature of the Head of the Institution  
PRINCIPAL  
Krupanidhi College of Pharmacy  
Chikkabelandur, Carmelaram Post,  
Hobli Bangalore - 560 035

*[Signature]*  
20/10/2022

*[Signature]*  
20/10/2022