



Karnatak University's,
KARNATAK SCIENCE COLLEGE, DHARWAD
NAAC Accredited

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ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
KARNATAK UNIVERSITY
University with Potential for Excellence
"NAAC Accredited with 'A' Grade"

1st Floor, Silver Jubilee Building,
Private Nagar, Dharwad - 580003
Karnataka-India

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ
PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/2021-22/69 Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.
2) KU/PMEB/2020-21/115 dated 19.12.2020.
3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Design and Synthesis of Highly Functionalized Coumarin Chromophores as Plausible Fluorescent Probes" submitted by Dr. Rajesh G. Kalkhambkar, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

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NING, MONITORING & EVALUATION BOARD

No.: KU/PMEB/2021-22/ 71

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020

2) KU/PMEB/2020-21/115 dated 12.11.2020

3) Hon'ble Vice-Chancellor's Order No. 20/21

Pursuant to the above, the research project proposal entitled "Metabolite Profiling of Nutraceuticals: NMR based Metabonomics Approach" submitted by Dr. Jayalakshmi K., Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

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- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

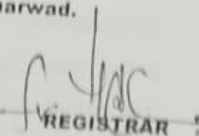
- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.

To,
 Dr. Jayalakshmi K
 Assistant Professor,
 Dept. of Chemistry
 Karnatak Science College, Dharwad.


 REGISTRAR

Copy F.W.Cs for information and necessary action to -

1. The Finance Officer K .U. Dharwad.
2. The Head, Dept. of Chemistry, Karnatak Science College, Dharwad.


 REGISTRAR

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No. : KU/PMEB/2021-22/ 70

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Investigation On Economically Viable And Novel Seed Oil Sources as Potential Biomass For The Liquid Fuel Production: Based On Fatty Acid Chemistry" submitted by Dr. Kariyappa S Katagi, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

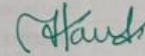
Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

- ಕರ್ನಾಟಕ ಸರ್ಕಾರ**
- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
 - The duration of the project shall not exceed one year.
 - The Final Report shall be submitted within the allocated project period i.e. one year.
 - Same research proposal cannot be submitted to other funding agencies.
 - No request for additional grant in excess of the sanctioned budget shall be considered.
 - No request for additional grant in excess of the sanctioned budget shall be considered.
 - The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
 - All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
 - The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
 - The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.



REGISTRAR

To,
Dr. Kariyappa S Katagi
Assistant Professor,
Dept. of Chemistry,
Karnatak Science College, Dharwad.

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PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/2021-22/ 66

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Preparation and Evaluation of Biopolymer Based Films For Active Food Packaging Applications" submitted by Dr. Saraswati P. Masti, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

✓ To,
Dr. Saraswati P. Masti
Assistant Professor,
Dept. of Chemistry,
Karnatak Science College, Dharwad.

KARNATAK



UNIVERSITY

DHARWAD

“University with Potential for Excellence”

Certificate of Project Completion

*This is to Certify that the Research Project entitled “Preparation and Evaluation of Biopolymer Based Films For Active Food Packaging Applications” was sanctioned to Dr. Saraswati P. Masti, Assistant Professor, Department of Chemistry, Karnatak University, Dharwad under the **Karnatak University Research Seed Grant Policy. Ref.: KU/PMEB/2021-22/66 dated 25/06/2021.***

The awarded Project has been Completed Successfully and the Submitted Project Summery and Report are Satisfactory as per the Terms and Conditions of the Seed Grant Project Policy.



DIRECTOR

Planning Monitoring & Evaluation Board (PMEB)
Karnatak University, Dharwad

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PLANNING, MONITORING & EVALUATION BOARD

Ref. No. : KU/PMEB/2021-22/ 75

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

- Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.
2) KU/PMEB/2020-21/115 dated 19.12.2020.
3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

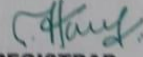
Pursuant to the above, the research project proposal entitled "Interaction of substituted chalcones with metal/semiconductor nanoparticles for their possible sensor applications" submitted by Dr. Nirupama J.M., Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

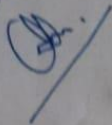
- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTFP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

To,
Dr. Nirupama J.M.,
Assistant Professor,
Dept. of Physics,
Karnatak Science College, Dharwad.

Copy F.W.Cs for information and necessary action to -

1. The Finance Officer, K .U. Dharwad.
- ✓ 2. The Head, Dept. of Physics, Karnatak Science College, Dharwad.

To office due



REGISTRAR

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PHEB/2021-22/ 73

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Magnetoconductivity of freestanding quantum well structures due to confined acoustic phonons" submitted by Dr. Reshma A. Nosargi, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.o.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
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3	Contingency and Miscellaneous	15%
4	TOTAL	100%

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- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

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PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/MVG/2022-23/ 61

Date: 18/7/2022

To,
Dr. K. Kotresha,
Associate Professor,
Dept. of Botany,
Karnataka Science College,
Dharwad.

Sub: Administrative sanction to execute the project proposal.
Ref: 1) Your letter dated 05.05.2022.
2) Hon'ble Vice-Chancellor's approval dated 25.05.2022.

Sir,

In connection to the aforementioned subject and references, I am to inform you that an administrative sanction has been accorded for the project proposal entitled "Naming the Plants of Karnatak University Campus with QR Code, Karnatak University, Dharwad".

The budget estimate approved by the competent authority to carry out the project is as under:

Sl. No	Particulars	Amount (in Rs.)
1.	Naming plates @ Rs.250/plate	25,000/-
2.	Net pack case	5,000/-
3.	Plant Photo Printing and QR code sticker	20,000/-
4.	Contingency	5,000/-
5.	Expert charges (General QR code, labour for fixing board, etc)	1,000/-
Total		65,000/-

The expenditure towards this project will be met from the KU General Fund Account Budget Head No.1456 "KU Development Fund Expenses" for the year 2022-23. The submission of bills should be completed within a period of 31.03.2023. Further, all accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules. The project shall be undertaken as per the University norms. The PI has to submit the hardcopy of the detailed information carried out to the undersigned.


REGISTRAR

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
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- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

✓ To,
Dr. K. Kotresha,
Associate Professor,
Dept. of Botany,
Karnatak Science College, Dharwad.

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PLANNING, MONITORING & EVALUATION BOARD

Ref. No. : KU/PMEB/2021-22/ 59

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

- Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.
2) KU/PMEB/2020-21/115 dated 19.12.2020.
3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Carbon Sequestration and Pictorial Documentation of Plants diversity in Karnatak University Campus, Dharwad" submitted by Dr. K. Kotresha, Associate Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
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P.T.O.